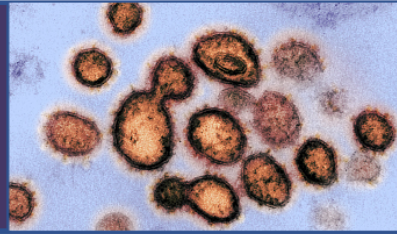


Covid-19 Literature Update



A CURATED SELECTION AND OVERVIEW OF COVID-19 PUBLICATIONS

Update May 09 - May 15 - 2021,

Dr. Peter J. Lansberg MD, PhD

Weekly COVID-19 Literature Update

will keep you up-to-date with all recent PubMed publications
categorized by relevant topics

COVID-19 publications - Week 19 2022 1105 Publications

PubMed based Covid-19 weekly literature update

For those interested in receiving weekly updates
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For questions and requests for topics to add send an e-mail
lansberg@gmail.com

Reliable on-line resources for Covid 19

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[Country Guidance](#)

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[Covid Counter](#)

[Covid forecasts](#)

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[German \(ICU\) bed capacity](#)

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[COVID reference \(Steinhauser Verlag\)](#)

[COVID-19 Projections tracker](#)

[Retracted papers](#)

[AAN - Neurology resources](#)

[COVID-19 risk tools - Apps](#)

[COVID-19 resources \(Harvard\)](#)

[Web app for SARS-CoV2 mutations](#)

[COVID-19 resources \(McMasters\)](#)

[COVID-19 resources \(NHLBI\)](#)

[COVID-19 resources \(MEDSCAPE\)](#)

[COVID-19 Diabetes \(JDRE\)](#)

[COVID-19 TELEMEDICINE \(BMJ\)](#)

[Global Causes of death \(Johns Hopkins\)](#)

[COVID-19 calculators \(Medscape\)](#)

Guidelines

[NICE Guidelines Covid-19](#)

[Korean CDC Covid-19 guidelines](#)

[Flattening the curve - Korea](#)

[IDSA COVID-19 Guidelines](#)

[Airway Management Clinical Practice Guidelines \(SIAARTI/EAMS, 2020\)](#)

[ESICM Ventilation Guidelines](#)

[Performing Procedures on Patients With Known or Suspected COVID-19 \(ASA, 2020\)](#)

[OSHA Guidance on Preparing the Workplace for COVID-19 \(2020\)](#)

[Policy for Sterilizers, Disinfectant Devices, and Air Purifiers \(FDA, 2020\)](#)

[Breast Cancer Patient Triage Guidelines \(CPBCC, 2020\)](#)

[clinical guidance for adult Belgian patients with suspected or confirmed COVID-19](#)

[National Covid-19 Testing Action Plan \(Rockefeller Foundation\)](#)

[ASE issues Echo-cardiography guidance](#)

Trials & Registries

[CAPACITY European registry COVID 19 patients](#)

[WHO launches global megatrial](#)

[FDA launches Convalescent plasma trial](#)

[Lets Beat Covid-19 Survey to help plan hospital services](#)

[COVID IBD registry](#)

[Google mobility reports per country COVID 19](#)

[World's largest trial of potential coronavirus treatments rolled out across the UK](#)

[Pregnancy Registry \(US\)](#)

[ICNARC report on COVID-19 in critical care - NHS April 24](#)

[COVID-19 Human Genetics - Biobanks](#)

[COVID19 settings of transmission database](#)

[COVID-19 prevention network](#)

[Covid-Plex trial - \(plasma exchange & convalescent plasma trial\)](#)

Media digest

New York Times - Corona update

[Japan's Secret to Taming the Coronavirus: Peer Pressure](#)

[New York City mobile testing units will immediately prescribe Paxlovid](#)

[F.D.A. Says Next Covid Boosters Should Target Omicron Subvariants](#)

[Shanghai Wrestles With Psychological Scars of Lockdown](#)

[The Omicron subvariants BA.4 and BA.5 dominant in the U.S.](#)

[Chinese Omicron Study Renews Debate Over 'Zero Covid' Policy](#)

Washington Post - Corona update

['Alien things' brought covid into North Korea, regime says](#)

[Tracking coronavirus in animals takes on new urgency](#)

[How 1 million covid deaths compares to other tragedies in U.S. history](#)

[Tracking coronavirus in animals takes on new urgency](#)

[China slashes covid quarantine for travelers, but remains outlier](#)

Guardian - Corona update

[urgent need for action on vaccines to head off autumn Covid wave](#)

[UK Covid levels rise 30% in a week to estimated 2.3m cases](#)

[Doctors treat first UK patient in Covid 'super donor' blood trial](#)

[Are pockets of Covid in the gut causing long-term symptoms?](#)

[Warnings of mental health crisis among 'Covid generation' of students](#)

Key Articles

- 1. Corona and Reproduction, or Why the Corona Vaccination Does Not Result in Infertility.** [Geburtshilfe Frauenheilkd.](#) 2022; 82:490-500 Braun AS, Feil K, Reiser E *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35528190>
This systematic review explores infertility caused by COVID infection or vaccination. Include articles were published between October 2019 and October 2021. Vaccinations did not have a negative impact, on fertility or fetal development, in both animal and human studies. Severe Covid infections were associated with adverse pregnancy outcomes and male infertility.
- 2. First report from the German COVID-19 autopsy registry.** [Lancet Reg Health Eur](#) 2022; 15:100330 von Stillfried S, Bülow RD, Röhrig R, Boor P. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35531493>
Autopsies are valuable to understand the pathophysiological, lethal consequences of COVID-19. The German autopsy register (DeRegCOVID), launched in April 2020, published its first findings. Noteworthy, the male/female ratio of 1.8:1.0, the direct cause of death was COVID-19 in 86% of the cases. The most common cause of death was diffuse alveolar damage, followed by multi-organ failure.
- 3. Covid-19 in children aged 5-11: Examining the issues surrounding vaccination and public health policy.** [Paediatr. Respir. Rev.](#) 2022; Myers V, Saban M, Wilf-Miron R. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35568661>
COVID vaccination programs for children fuel emotional debates. Data

collected in Israel on paediatric-related COVID morbidity are presented and contrasted with observed adverse effects in vaccinated young children. A helpful review for clinicians to assist in answering questions of worried parents.

4. **COVID-19 vaccination in pregnancy.** Am J Obstet Gynecol 2022; Kalafat E, Heath P, Prasad S *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35568189>
5. **Characteristics of registered and published systematic reviews focusing on the prevention of COVID-19: a meta-research study.** BMJ Open 2022; 12:e060255Nothacker J, Stadelmaier J, Siemens W *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35534064>
6. **An overview of current drugs and prophylactic vaccines for coronavirus disease 2019 (COVID-19).** Cell. Mol. Biol. Lett. 2022; 27:38Alagheband Bahrami A, Azargoonjahromi A, Sadraei S *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35562685>
7. **Nanotechnology Toolkit for Combating COVID-19 and Beyond.** ChemNanoMat 2022; 8:e202100505Muthiah G, Sarkar A, Roy S *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35542043>
8. **Antibody response of heterologous vs homologous mRNA vaccine boosters against the SARS-CoV-2 Omicron variant: interim results from the PRIBIVAC study, A Randomized Clinical Trial.** Clin Infect Dis 2022; Poh XY, Tan CW, Lee IR *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35543372>
9. **[Vaccines against coronavirus disease 2019 (COVID-19) : Efficacy comparison, safety aspects, and current challenges].** Internist (Berl.) 2022; 63:666-679Lipp HP. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35543726>
10. **Adverse Events and Safety of SARS-CoV-2 Vaccines: What's New and What's Next.** J Allergy Clin Immunol Pract 2022; Corey KB, Koo G, Phillips EJ. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35550878>
11. **Adults hospitalized with breakthrough COVID-19 have lower mortality than matched unvaccinated adults.** J Intern Med 2022; Myers LC, Kipnis P, Greene J *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35531712>
12. **The Pathophysiology of Long COVID throughout the Renin-Angiotensin System.** Molecules 2022; 27Khazaal S, Harb J, Rima M *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35566253>
13. **Characteristics and conflicting recommendations of clinical practice guidelines for COVID-19 management in children: A scoping review.** Travel Med Infect Dis 2022; 48:102354Quincho-Lopez A, Chávez-Rimache L, Montes-Alvis J *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35537677>

14. **Adverse effects of COVID-19 mRNA vaccines: the spike hypothesis.** Trends Mol. Med. 2022; Trougakos IP, Terpos E, Alexopoulos H *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35537987>
 15. **The nineteenth-century experience of the kingdom of the two Sicilies on mandatory vaccination: An Italian phenomenon?** Vaccine 2022; 40:3452-3454 Bifulco M, Di Zazzo E, Pisanti S *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35534315>
-

Omicron (17 articles)

1. **Omicron Variant in the Critical Care Units of Paris Metropolitan Area The Reality Research Group.** Am J Respir Crit Care Med 2022; Vieillard-Baron A, Flicoteaux R, Salmons M *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35536284>
2. **Remdesivir and GS-441524 Retain Antiviral Activity against Delta, Omicron, and Other Emergent SARS-CoV-2 Variants.** Antimicrob. Agents Chemother. 2022:e00222222 Pitts J, Li J, Perry JK *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35532238>
3. **Virological characteristics of the SARS-CoV-2 Omicron BA.2 spike.** Cell 2022; 185:2103-2115.e2119 Yamasoba D, Kimura I, Nasser H *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35568035>
4. **Antibody response of heterologous vs homologous mRNA vaccine boosters against the SARS-CoV-2 Omicron variant: interim results from the PRIBIVAC study, A Randomized Clinical Trial.** Clin Infect Dis 2022; Poh XY, Tan CW, Lee IR *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35543372>
5. **Analysis of a SARS-CoV-2 convalescent cohort identified a common strategy for escape of vaccine-induced anti-RBD antibodies by Beta and Omicron variants.** EBioMedicine 2022; 80:104025 Chang MR, Ke H, Coherd CD *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35533497>
6. **Increased Stability of SARS-CoV-2 Omicron Variant over Ancestral Strain.** Emerg Infect Dis 2022; 28:1515-1517 Chin AWH, Lai AMY, Peiris M, Man Poon LL. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35550234>
7. **SARS-CoV-2 Delta-Omicron Recombinant Viruses, United States.** Emerg Infect Dis 2022; 28:1442-1445 Lacek KA, Rambo-Martin BL, Batra D *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35551714>
8. **Outpatient treatment options to address the SARS-CoV-2 variant Omicron.** Expert Rev. Anti Infect. Ther. 2022:1-5 McCarthy MW. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35549623>
9. **A Comprehensive Review of Artificial Intelligence in Prevention and Treatment of COVID-19 Pandemic.** Front Genet 2022; 13:845305 Wang H, Jia S, Li Z *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35559010>
10. **Properties of the Omicron Variant of SARS-CoV-2 Affect Public Health Measure Effectiveness in the COVID-19 Epidemic.** Int J Environ Res Public Health 2022; 19 Furuse Y. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564325>

11. **Indigenous Māori responses to COVID-19: He waka eke noa?** Int. J. Psychol. 2022; Waitoki W, McLachlan A. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35527713>
12. **Deltacron: Apprehending a new phase of the COVID-19 pandemic.** Int J Surg 2022; 102:106654Maulud SQ, Hasan DA, Ali RK *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35545169>
13. **Hybrid SARS-CoV-2 variants.** Int J Surg 2022; 102:106656Rahimi F, Talebi Bezmin Abadi A. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35533853>
14. **Identification of SARS-CoV-2 variants of concern in vaccine-breakthrough infections.** J Infect Dev Ctries 2022; 16:580-582Abdalhamid B, Donahue M, Kamal-Ahmed I *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35544616>
15. **High attack rate of SARS-CoV-2 B.1.1.529 among two-dose vaccinated populations in two indoor entertainment setting outbreaks.** J Infect Dis 2022; Liu B, Stepien S, Pye V *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35533079>
16. **Croup during the Coronavirus Disease 2019 Omicron Variant Surge.** J. Pediatr. 2022; Tunç EM, Koid Jia Shin C, Usoro E *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35551925>
17. **Durable immunogenicity, adaptation to emerging variants, and low-dose efficacy of an AAV-based COVID-19 vaccine platform in macaques.** Mol. Ther. 2022; Zabaleta N, Bhatt U, Hérat C *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35546782>

Basic Science (48 articles)

1. **Demystifying phytoconstituent-derived nanomedicines in their immunoregulatory and therapeutic roles in inflammatory diseases.** Adv Drug Deliv Rev 2022; 186:114317Chen F, Liu Q. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35533788>
2. **Development of a cost-effective ovine antibody-based therapy against SARS-CoV-2 infection and contribution of antibodies specific to the spike subunit proteins.** Antiviral Res 2022; 203:105332Findlay-Wilson S, Easterbrook L, Smith S *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35533779>
3. **Synthesis and characterization of two new mixed-ligand Cu(II) complexes of a tridentate NN'O type Schiff base ligand and N-donor heterocyclic co-ligands: In vitro anticancer assay, DNA/human leukemia/COVID-19 molecular docking studies, and pharmacophore modeling.** Appl. Organomet. Chem. 2022; 36:e6639Ghasemi L, Behzad M, Khaleghian A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35538931>
4. **Perspectives on the Use of Small Noncoding RNAs as a Therapy for Severe Virus-Induced Disease Manifestations and Late Complications.** Bionanoscience 2022;1-8Klimenko OV. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35529531>
5. **Virological characteristics of the SARS-CoV-2 Omicron BA.2 spike.** Cell 2022; 185:2103-2115.e2119Yamasoba D, Kimura I, Nasser H *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35568035>
6. **A diabetic milieu increases ACE2 expression and cellular susceptibility to SARS-CoV-2 infections in human kidney organoids and patient cells.** Cell Metab. 2022; 34:857-873.e859Garreta E, Prado P, Stanifer ML *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35561674>

7. **Nanotechnology Toolkit for Combating COVID-19 and Beyond.** ChemNanoMat 2022; 8:e202100505Muthiah G, Sarkar A, Roy S *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35542043>
8. **Potential of 24-Propylcholesterol as Immunity Inducer against Infection of COVID-19 Virus: In Silico Study Immunomodulatory Drugs.** Comb. Chem. High Throughput Screen. 2022; Kurnia D, Wiani I, Zainuddin A *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35538835>
9. **Computational study and design of effective siRNAs to silence structural proteins associated genes of Indian SARS-CoV-2 strains.** Comput. Biol. Chem. 2022; 98:107687Madanagopal P, Muthukumar H, Thiruvengadam K.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35537364>
10. **Enrichment analysis on regulatory subspaces: A novel direction for the superior description of cellular responses to SARS-CoV-2.** Comput. Biol. Med. 2022; 146:105443Rodrigues P, Costa RS, Henriques R.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35533463>
11. **Decoding clinical biomarker space of COVID-19: Exploring matrix factorization-based feature selection methods.** Comput. Biol. Med. 2022; 146:105426Saber-Movahed F, Mohammadifard M, Mehrpooya A *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35569336>
12. **Increased Stability of SARS-CoV-2 Omicron Variant over Ancestral Strain.** Emerg Infect Dis 2022; 28:1515-1517Chin AWH, Lai AMY, Peiris M, Man Poon LL.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35550234>
13. **Impact of the COVID-19 pandemic on perception of planned oocyte cryopreservation in the United States.** F S Rep 2022; Huttler A, Koelper N, Mainigi M *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35529036>
14. **Inhibitors of SARS-CoV-2 PLpro.** Front Chem 2022; 10:876212Calleja DJ, Lessene G, Komander D. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35559224>
15. **Novel Ensemble Feature Selection Approach and Application in Repertoire Sequencing Data.** Front Genet 2022; 13:821832He T, Baik JM, Kato C *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35559031>
16. **A Comprehensive Review of Artificial Intelligence in Prevention and Treatment of COVID-19 Pandemic.** Front Genet 2022; 13:845305Wang H, Jia S, Li Z *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35559010>
17. **Nanobodies Protecting From Lethal SARS-CoV-2 Infection Target Receptor Binding Epitopes Preserved in Virus Variants Other Than Omicron.** Front. Immunol. 2022; 13:863831Casasnovas JM, Margolles Y, Noriega MA *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35547740>
18. **Intranasal Lentiviral Vector-Mediated Antibody Delivery Confers Reduction of SARS-CoV-2 Infection in Elderly and Immunocompromised Mice.** Front. Immunol. 2022; 13:819058Du Y, Zhang S, Zhang Z *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35529866>
19. **Angiotensin II Promotes SARS-CoV-2 Infection via Upregulation of ACE2 in Human Bronchial Cells.** Int J Mol Sci 2022; 23Caputo I, Caroccia B, Frasson I *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35563515>
20. **Effects of Drugs Formerly Proposed for COVID-19 Treatment on Connexin43 Hemichannels.** Int J Mol Sci 2022; 23Cooreman A, Caufriez A, Tabernilla A *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35563409>
21. **Rationale for 1068 nm Photobiomodulation Therapy (PBMT) as a Novel, Non-Invasive Treatment for COVID-19 and Other Coronaviruses: Roles of NO and**

- Hsp70.** *Int J Mol Sci* 2022; 23Kitchen LC, Berman M, Halper J, Chazot P. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35563611>
22. **SARS-CoV-2 Infection Dysregulates Cilia and Basal Cell Homeostasis in the Respiratory Epithelium of Hamsters.** *Int J Mol Sci* 2022; 23Schreiner T, Allnoch L, Beythien G *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35563514>
 23. **Antigens and Antibodies of the Antiphospholipid Syndrome as New Allies in the Pathogenesis of COVID-19 Coagulopathy.** *Int J Mol Sci* 2022; 23Serrano M, Espinosa G, Serrano A, Cervera R. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35563337>
 24. **Key dimer interface residues impact the catalytic activity of 3CLpro, the main protease of SARS-CoV-2.** *J Biol Chem* 2022; 298:102023Ferreira JC, Fadl S, Rabeh WM. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35568197>
 25. **Reverse vaccinology-based prediction of a multi-epitope SARS-CoV-2 vaccine and its tailoring to new coronavirus variants.** *J Biomol Struct Dyn* 2022;1-22Ezzemani W, Kettani A, Sappati S *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35549819>
 26. **In-silico study for the screening and preparation of ionic liquid-AVDs conjugate to combat COVID-19 surge.** *J. Mol. Liq.* 2022; 359:119277Saraswat J, Riaz U, Patel R. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35530033>
 27. **Anti-COVID-19 and antidiabetic activities of new oleanane and ursane-type triterpenoids from *Salvia grossheimii*: an in-silico approach.** *J. Recept. Signal Transduct. Res.* 2022;1-9Zare S, Pirhadi S, El Seedi HR, Jassbi AR. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35544359>
 28. **Plasma Proteomics of COVID-19-Associated Cardiovascular Complications: Implications for Pathophysiology and Therapeutics.** *JACC Basic Transl Sci* 2022; 7:425-441Roh JD, Kitchen RR, Guseh JS *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35530264>
 29. **Effect of cannabidiol on apoptosis and cellular interferon and interferon-stimulated gene responses to the SARS-CoV-2 genes ORF8, ORF10 and M protein.** *Life Sci* 2022; 301:120624Fernandes MF, Chan JZ, Hung CCJ *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35568225>
 30. **Exploring bioactive peptides as potential therapeutic and biotechnology treasures: A contemporary perspective.** *Life Sci* 2022; 301:120637Patil PJ, Sutar SS, Usman M *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35568229>
 31. **Serine Protease Inhibitors Restrict Host Susceptibility to SARS-CoV-2 Infections.** *mBio* 2022:e0089222Rosendal E, Mihai IS, Becker M *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35532162>
 32. **Propagation and Quantification of SARS-CoV-2.** *Methods Mol. Biol.* 2022; 2452:111-129Jureka AS, Basler CF. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35554904>
 33. **Animal Models of COVID-19: Transgenic Mouse Model.** *Methods Mol. Biol.* 2022; 2452:259-289Park JG, Pino PA, Akhter A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35554912>
 34. **Antiviral Strategies Against SARS-CoV-2: A Systems Biology Approach.** *Methods Mol. Biol.* 2022; 2452:317-351Prates ET, Garvin MR, Jones P *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35554915>
 35. **Animal Models of COVID-19: Nonhuman Primates.** *Methods Mol. Biol.* 2022; 2452:227-258Singh DK, Cole J, Escobedo RA *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35554911>

36. **Advanced Genetic Methodologies in Tracking Evolution and Spread of SARS-CoV-2.** *Methods Mol. Biol.* 2022; 2452:33-43 Yang X, Dong N, Chen S.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35554899>
37. **Molecular dynamic simulations reveal anti-SARS-CoV-2 activity of mitocurcumin by potentially blocking innate immune evasion proteins NSP3 and NSP16.** *Mol. Divers.* 2022;1-15 Pal D, Checker R, Kutala VK, Sandur SK.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35538380>
38. **Antiinflammation Derived Suzuki-Coupled Fenbufens as COX-2 Inhibitors: Minilibrary Construction and Bioassay.** *Molecules* 2022; 27 Farn SS, Lai YB, Hua KF *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35566202>
39. **Bioavailability Enhancement of Cepharanthine via Pulmonary Administration in Rats and Its Therapeutic Potential for Pulmonary Fibrosis Associated with COVID-19 Infection.** *Molecules* 2022; 27 Li J, Chen G, Meng Z *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35566097>
40. **Plant Polysaccharides Modulate Immune Function via the Gut Microbiome and May Have Potential in COVID-19 Therapy.** *Molecules* 2022; 27 Tang M, Cheng L, Liu Y *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35566123>
41. **Synthesis and Applications of Nitrogen-Containing Heterocycles as Antiviral Agents.** *Molecules* 2022; 27 Tran TN, Henary M.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35566055>
42. **Containing the spread of COVID-19 virus facing to its high mutation rate: approach to intervention using a nonspecific way of blocking its entry into the cells.** *Nucleosides Nucleotides Nucleic Acids* 2022;1-37 Nguyen KV.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35532338>
43. **Screening Large Population Health Databases for Potential Coronavirus Disease 2019 Therapeutics: A Pharmacopeia-Wide Association Study of Commonly Prescribed Medications.** *Open Forum Infect Dis* 2022;
9:ofac156 MacFadden DR, Brown K, Buchan SA *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35531374>
44. **Proteome Exploration of human coronaviruses for Identifying Novel vaccine candidate: A Hierarchical Subtractive Genomics and Reverse Vaccinology Approach.** *Recent Pat Biotechnol* 2022; Dorosti H, Zarei M, Nezafat N.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35538841>
45. **Phytomedicines explored under in vitro and in silico studies against coronavirus: An opportunity to develop traditional medicines.** *S Afr J Bot* 2022;
Gandhi Y, Mishra SK, Rawat H *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35530267>
46. **Genotoxicity assessment of potentially mutagenic nucleoside analogues using ToxTracker®.** *Toxicol. Lett.* 2022; 362:50-58 Brandsma I, Derr R, Zhang G *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35569722>
47. **Engineering carbon nanotubes for sensitive viral detection.** *Trends Analyt. Chem.* 2022; 153:116659 Ovais M, You M, Ahmad J *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35527799>
48. **Receptor-binding domain recombinant protein on alum-CpG induces broad protection against SARS-CoV-2 variants of concern.** *Vaccine* 2022; 40:3655-3663 Pollet J, Strych U, Chen WH *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=3556859>

1. **ZnO Nanowire-Based Early Detection of SARS-CoV-2 Antibody Responses in Asymptomatic Patients with COVID-19.** Adv Mater Interfaces 2022; 9:2102046Kim J, Lee SK, Lee JH *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35538927>
2. **Laser-Fabricated 2D Molybdenum Disulfide Electronic Sensor Arrays for Rapid, Low-Cost, Ultrasensitive Detection of Influenza A and SARS-Cov-2.** Adv Mater Interfaces 2022:2102209Muratore C, Muratore MK, Austin DR *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35538926>
3. **Biofunctionalization of Graphene-Based FET Sensors through Heterobifunctional Nanoscaffolds: Technology Validation toward Rapid COVID-19 Diagnostics and Monitoring.** Adv Mater Interfaces 2022; 9:2102526Piccinini E, Fenoy GE, Cantillo AL *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35538925>
4. **Increased SARS-CoV-2 Infection, Protease and Inflammatory Responses in COPD Primary Bronchial Epithelial Cells Defined with Single Cell RNA-Sequencing.** Am J Respir Crit Care Med 2022; Johansen MD, Mahbub RM, Idrees S *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35549656>
5. **Research on antibody changes and nucleic acid clearance in COVID-19 patients treated with convalescent plasma.** Am J Transl Res 2022; 14:2655-2667Duan L, Xie Y, Wang Q *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35559410>
6. **Synthesis and characterization of two new mixed-ligand Cu(II) complexes of a tridentate NN'O type Schiff base ligand and N-donor heterocyclic co-ligands: In vitro anticancer assay, DNA/human leukemia/COVID-19 molecular docking studies, and pharmacophore modeling.** Appl. Organomet. Chem. 2022; 36:e6639Ghasemi L, Behzad M, Khaleghian A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35538931>
7. **[Reinfection by SARS-CoV-2 in a child with history of multisystem inflammatory syndrome: a case report].** Arch. Argent. Pediatr. 2022; 120:e147-e150Yori SC, Agrimbau Vázquez J, Berberian G *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35533129>
8. **Increment of D-dimer Associated with Immune Thrombotic Thrombocytopenia in ChAdOx1 nCoV-19 Vaccinated Individuals.** Arch Med Res 2022; 53:341-351Ornelas-Aguirre JM, Gómez-Alcalá AV, Ramírez-Leyva DH. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35534335>
9. **Identification of SARS-CoV-2 Neutralizing Antibody with Pseudotyped Virus-based Test on HEK-293T hACE2 Cells.** Bio Protoc 2022; 12:e4377Gillot C, Favresse J, Maloteau V *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35530524>
10. **Urinary tubular biomarkers as predictors of death in critically ill patients with COVID-19.** Biomark. Med. 2022; 16:681-692Bezerra GF, Meneses GC, Albuquerque PL *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35531623>
11. **Soluble ACE2 and angiotensin II levels are modulated in hypertensive COVID-19 patients treated with different antihypertension drugs.** Blood Press. 2022; 31:80-90M AE, H TZ, R AA *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35548940>
12. **At-home sample collection is an effective strategy for diagnosis and management of symptomatic and asymptomatic SARS-CoV-2 carriers.** BMC Infect. Dis. 2022; 22:443Humphreys DP, Gavin KM, Olds KM *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35534836>

13. **Presymptomatic, asymptomatic and post-symptomatic transmission of SARS-CoV-2: joint British Infection Association (BIA), Healthcare Infection Society (HIS), Infection Prevention Society (IPS) and Royal College of Pathologists (RCPath) guidance.** BMC Infect. Dis. 2022; 22:453 Mugglestone MA, Ratnaraja NV, Bak A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35549902>
14. **Incubation period, clinical and lung CT features for early prediction of COVID-19 deterioration: development and internal verification of a risk model.** BMC Pulm. Med. 2022; 22:188 Peng H, Hu C, Deng W *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35549897>
15. **Hospital-wide SARS-CoV-2 antibody screening of 4840 staff members in a University Medical Center in France: a cross-sectional study.** BMJ Open 2022; 12:e047010 Pierson-Marchandise M, Castelain S, Chevalier C *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35545377>
16. **Cancers and COVID-19 Risk: A Mendelian Randomization Study.** Cancers (Basel) 2022; 14: Li Z, Wei Y, Zhu G *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35565215>
17. **A diabetic milieu increases ACE2 expression and cellular susceptibility to SARS-CoV-2 infections in human kidney organoids and patient cells.** Cell Metab. 2022; 34:857-873.e859 Garreta E, Prado P, Stanifer ML *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35561674>
18. **Variant-specific vaccination induces systems immune responses and potent in vivo protection against SARS-CoV-2.** Cell Rep Med 2022; 3:100634 Peng L, Renauer PA, Ökten A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35561673>
19. **Don't forget about human factors: Lessons learned from COVID-19 point-of-care testing.** Cell Rep Methods 2022; 2:100222 Farmer S, Razin V, Peagler AF *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35527805>
20. **Fibronectin as a Marker of Disease Severity in Critically Ill COVID-19 Patients.** Cells 2022; 11: Lemańska-Perek A, Krzyżanowska-Gołąb D, Dragan B *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35563870>
21. **Long-term monitoring of drug consumption patterns during the COVID-19 pandemic in a small-sized community in Brazil through wastewater-based epidemiology.** Chemosphere 2022; 302:134907 Hahn RZ, Bastiani MF, Lizot LLF *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35561781>
22. **SARS-CoV-2 RNA detection in Formalin-Fixed Paraffin-Embedded (FFPE) tissue by droplet digital PCR (ddPCR).** Clin Chim Acta 2022; 532:181-187 Majumdar R, Vrana JA, Koeplin JW *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35550815>
23. **Mortality estimation using APACHE and CT scores with stepwise linear regression method in COVID-19 intensive care unit: A retrospective study.** Clin Imaging 2022; 88:4-8 Ayvat P, Kayhan Omeroglu S. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35533542>
24. **SARS-CoV-2 infection versus vaccination in pregnancy: Implications for maternal and infant immunity.** Clin Infect Dis 2022; Conti MG, Terreri S, Terrin G *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35535796>
25. **Decoding clinical biomarker space of COVID-19: Exploring matrix factorization-based feature selection methods.** Comput. Biol. Med. 2022; 146:105426 Saberi-Movahed F, Mohammadifard M, Mehrpooya A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35569336>

26. **Implementing expanded COVID-19 testing in Massachusetts community health centers through community partnerships: Protocol for an interrupted time series and stepped wedge study design.** Contemp Clin Trials 2022; 118:106783Kruse GR, Pelton-Cairns L, Taveras EM *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35533978>
27. **Diagnostic concordance between BioFire® FilmArray® Pneumonia Panel and culture in patients with COVID-19 pneumonia admitted to intensive care units: the experience of the third wave in eight hospitals in Colombia.** Crit Care 2022; 26:130Molina FJ, Botero LE, Isaza JP *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35534867>
28. **Estimation of Serum Ferritin in Mucormycosis Patients and Prognostication Based on the Ferritin Value.** Cureus 2022; 14:e24013Anand CB, Senthilkumar S, P N *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35547446>
29. **Apparent Association of Insulin With Interleukin-6 (IL-6) in Severe COVID-19 Patients Having Chronic Disease Comorbidities.** Cureus 2022; 14:e23790Nouh FA, Othman H, Gwarsha EK *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35530861>
30. **Analysis of a SARS-CoV-2 convalescent cohort identified a common strategy for escape of vaccine-induced anti-RBD antibodies by Beta and Omicron variants.** EBioMedicine 2022; 80:104025Chang MR, Ke H, Coherd CD *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35533497>
31. **Evaluation of a potential prognostic parameter for the inflammatory status in COVID-19 patients: The inflammatory protein ratio.** Electrophoresis 2022; Antonucci F, Di Carlo D, Falcone M. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35531865>
32. **SARS-CoV-2 Delta-Omicron Recombinant Viruses, United States.** Emerg Infect Dis 2022; 28:1442-1445Lacek KA, Rambo-Martin BL, Batra D *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35551714>
33. **Understanding the impact of rapid antigen tests on SARS-CoV-2 transmission in the fifth wave of COVID-19 in Hong Kong in early 2022.** Emerg Microbes Infect 2022; 11:1394-1401Du Z, Tian L, Jin DY. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35536564>
34. **Estimation of COVID-19 patient numbers using artificial neural networks based on air pollutant concentration levels.** Environ. Sci. Pollut. Res. Int. 2022;1-11Keskin GA, Doğruparmak Ş, Ergün K. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35538344>
35. **Assessing the role of imported cases on the establishment of SARS-CoV-2 Delta variant of concern in Bolton, UK.** Epidemiol Infect 2022; 150:e100Shingleton J, Finnie T, Gent N, Bennett E. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35545847>
36. **Convalescent serum-derived exosomes: Attractive niche as COVID-19 diagnostic tool and vehicle for mRNA delivery.** Exp. Biol. Med. (Maywood) 2022;15353702221092984Krishnan A, Gangadaran P, Chavda VP *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35549570>
37. **Seroprevalence and risk factors of SARS-CoV-2 infection in an urban informal settlement in Nairobi, Kenya, December 2020.** F1000Res 2021; 10:853Munywoki PK, Nasimiyu C, Alando MD *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35528961>

38. **A Tale of Two Countries: DiaSorin Molecular's Rapid Response to the COVID-19 Pandemic.** *Front Cell Infect Microbiol* 2022; 12:840210Tabb MM, Minnucci G, Albano V. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35531327>
39. **Novel Ensemble Feature Selection Approach and Application in Repertoire Sequencing Data.** *Front Genet* 2022; 13:821832He T, Baik JM, Kato C *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35559031>
40. **Memory CD4+ T-Cell Lymphocytic Angiopathy in Fatal Forms of COVID-19 Pulmonary Infection.** *Front. Immunol.* 2022; 13:844727Guihot A, Plu I, Soulié C *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35529881>
41. **Landscape of Peripheral Blood Mononuclear Cells and Soluble Factors in Severe COVID-19 Patients With Pulmonary Fibrosis Development.** *Front. Immunol.* 2022; 13:831194Wang Z, Zhang Y, Yang R *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35558069>
42. **Identification and Analysis of SARS-CoV-2 Alpha Variants in the Largest Taiwan COVID-19 Outbreak in 2021.** *Front Med (Lausanne)* 2022; 9:869818Liu LT, Tsai JJ, Chang K *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35547225>
43. **ABO Blood System and COVID-19 Susceptibility: Anti-A and Anti-B Antibodies Are the Key Points.** *Front Med (Lausanne)* 2022; 9:882477Tamayo-Velasco Á, Peñarrubia-Ponce MJ, Álvarez FJ *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35547235>
44. **Molecular Epidemiology of Herpangina Children in Tongzhou District, Beijing, China, During 2019-2020.** *Front Med (Lausanne)* 2022; 9:822796Xie MZ, Chen LY, Yang YN *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35547223>
45. **Evaluation of Performance of Detection of Immunoglobulin G and Immunoglobulin M Antibody Against Spike Protein of SARS-CoV-2 by a Rapid Kit in a Real-Life Hospital Setting.** *Front. Microbiol.* 2022; 13:802292Irunbam M, Chitkara A, Singh VK *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35558113>
46. **Pilot Investigation of SARS-CoV-2 Variants in the Island of Sicily Prior to and in the Second Wave of the COVID-19 Pandemic.** *Front. Microbiol.* 2022; 13:869559Padilla-Blanco M, Gucciardi F, Guercio A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35558104>
47. **Genetically Predicted Circulating Concentrations of Micronutrients and COVID-19 Susceptibility and Severity: A Mendelian Randomization Study.** *Front Nutr* 2022; 9:842315Daniel N, Bouras E, Tsilidis KK, Hughes DJ. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35558754>
48. **COVID-19 Infection During Pregnancy Induces Differential Gene Expression in Human Cord Blood Cells From Term Neonates.** *Front Pediatr* 2022; 10:834771Gayen Nee' Betal S, Urdy P, Al-Kouatly HB *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35547542>
49. **Field Evaluation of the New Rapid NG-Test(®) SARS-CoV-2 Ag for Diagnosis of COVID-19 in the Emergency Department of an Academic Referral Hospital.** *Front Public Health* 2022; 10:840984Avgouleas K, Beredaki MI, Vourli S *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35548072>
50. **The Relationship Between Hepcidin-Mediated Iron Dysmetabolism and COVID-19 Severity: A Meta-Analysis.** *Front Public Health* 2022; 10:881412Peng D, Gao Y, Zhang L *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35558525>
51. **Persistent viral RNA shedding of SARS-CoV-2 is associated with delirium incidence and six-month mortality in hospitalized COVID-19 patients.**

- Geroscience 2022;1-14Batra A, Clark JR, Kang AK *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35538386>
52. **Comparison of the levels of neopterin, CRP, and IL-6 in patients infected with and without SARS-CoV-2.** Heliyon 2022; 8:e09371Hara S, Sanatani T, Tachikawa N *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35529699>
 53. **Combined RT-PCR and Host Response Point-of-Care Testing in Patients Hospitalised with Suspected COVID-19: A Prospective Diagnostic Accuracy Study.** Infect Dis Ther 2022; 11:1267-1280Brendish NJ, Tanner AR, Poole S *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35534764>
 54. **Development and Validation of a Nomogram for Predicting the Risk of Coronavirus-Associated Acute Respiratory Distress Syndrome: A Retrospective Cohort Study.** Infect Drug Resist 2022; 15:2371-2381Zhang L, Xu J, Qi X *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35528184>
 55. **Human genetic factors associated with pneumonia risk, a cue for COVID-19 susceptibility.** Infect Genet Evol 2022; 102:105299Guin D, Yadav S, Singh P *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35545162>
 56. **Impact of SARS-CoV-2 viral load and duration of symptoms before hospital admission on the mortality of hospitalized COVID-19 patients.** Infection 2022;1-8Rico-Caballero V, Fernández M, Hurtado JC *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35562568>
 57. **Sampling Inspection Plan to Test Daily COVID-19 Cases Using Gamma Distribution under Indeterminacy Based on Multiple Dependent Scheme.** Int J Environ Res Public Health 2022; 19Aslam M, Rao GS, Albassam M.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35564703>
 58. **Influence of Perfluoroalkyl Substances on Occurrence of Coronavirus Disease 2019.** Int J Environ Res Public Health 2022; 19Dembek ZF, Lordo RA.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35564774>
 59. **Comparison of Analytical Values D-Dimer, Glucose, Ferritin and C-Reactive Protein of Symptomatic and Asymptomatic COVID-19 Patients.** Int J Environ Res Public Health 2022; 19Pérez-García N, García-González J, Requena-Mullor M *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564749>
 60. **IP-10 and complement activation as friend or foe in COVID-19.** Int. J. Immunopathol. Pharmacol. 2022; 36:3946320221096202Bunprakob S, Hemachudha P, Ruchisrisarod C *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35531750>
 61. **The role of children in household transmission of COVID-19: a systematic review and meta-analysis.** Int J Infect Dis 2022; 122:266-275Chen F, Tian Y, Zhang L, Shi Y. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35562045>
 62. **Mutations in the nonstructural proteins of SARS-CoV-2 may contribute to adverse clinical outcome in patients with COVID-19.** Int J Infect Dis 2022; 122:123-129Ichikawa T, Torii S, Suzuki H *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35562044>
 63. **Cytokines from Bench to Bedside: A Retrospective Study Identifies a Definite Panel of Biomarkers to Early Assess the Risk of Negative Outcome in COVID-19 Patients.** Int J Mol Sci 2022; 23Fabris M, Del Ben F, Sozio E *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35563218>
 64. **Calprotectin and Imbalances between Acute-Phase Mediators Are Associated with Critical Illness in COVID-19.** Int J Mol Sci 2022; 23Kassianidis G, Siampanos A, Poulakou G *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35563282>

65. **Immune Signature of COVID-19: In-Depth Reasons and Consequences of the Cytokine Storm.** *Int J Mol Sci* 2022; 23Niedźwiedzka-Rystwej P, Majchrzak A, Kurkowska S *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35562935>
66. **Anti-Inflammatory Effects and Decreased Formation of Neutrophil Extracellular Traps by Enoxaparin in COVID-19 Patients.** *Int J Mol Sci* 2022; 23Saithong S, Saisorn W, Tovichayathamrong P *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35563204>
67. **Shared Inflammatory Pathology of Stroke and COVID-19.** *Int J Mol Sci* 2022; 23Sánchez KE, Rosenberg GA. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35563537>
68. **Antigens and Antibodies of the Antiphospholipid Syndrome as New Allies in the Pathogenesis of COVID-19 Coagulopathy.** *Int J Mol Sci* 2022; 23Serrano M, Espinosa G, Serrano A, Cervera R. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35563337>
69. **Deltacron: Apprehending a new phase of the COVID-19 pandemic.** *Int J Surg* 2022; 102:106654Maulud SQ, Hasan DA, Ali RK *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35545169>
70. **Hybrid SARS-CoV-2 variants.** *Int J Surg* 2022; 102:106656Rahimi F, Talebi Bezmin Abadi A. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35533853>
71. **Low-Threshold Testing for SARS-CoV-2 (COVID-19) in Long-Term Care Facilities Early in the First Pandemic Wave, the Twente Region, the Netherlands: A Possible Factor in Reducing Morbidity and Mortality.** *J. Appl. Gerontol.* 2022:7334648221093050Geeraedts F, Luttje M, Visschedijk J *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35543170>
72. **Key dimer interface residues impact the catalytic activity of 3CLpro, the main protease of SARS-CoV-2.** *J Biol Chem* 2022; 298:102023Ferreira JC, Fadl S, Rabeh WM. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35568197>
73. **Suppression of pituitary hormone genes in subjects who died from COVID-19 independently of virus detection in the gland.** *J. Clin. Endocrinol. Metab.* 2022; Poma AM, Proietti A, Macerola E *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35567590>
74. **Clinical Characteristics, Risk Factors for Severity and Pharmacotherapy in Hospitalized COVID-19 Patients in the United Arab Emirates.** *J Clin Med* 2022; 11Almarashda AMJ, Rabbani SA, Kurian MT, Cherian A. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35566563>
75. **Comparative Diagnostic Accuracy of the STANDARD M10 Assay for the Molecular Diagnosis of SARS-CoV-2 in the Point-of-Care and Critical Care Settings.** *J Clin Med* 2022; 11Domnich A, Orsi A, Trombetta CS *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35566591>
76. **Impact of SARS-CoV-2 Alpha and Gamma Variants among Symptomatic Pregnant Women: A Two-Center Retrospective Cohort Study between France and Brazil.** *J Clin Med* 2022; 11Mosnino E, Bernardes LS, Mattern J *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35566787>
77. **Insights into the Role of Neutrophils and Neutrophil Extracellular Traps in Causing Cardiovascular Complications in Patients with COVID-19: A Systematic Review.** *J Clin Med* 2022; 11Nappi F, Bellomo F, Avtaar Singh SS. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35566589>
78. **Evaluating Ocular Symptoms and Tear Film Cytokine Profiles in Symptomatic COVID-19 Patients.** *J Clin Med* 2022; 11Niedźwiedz A, Kawa M, Pius-Sadowska E

et al. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35566776>

79. **Prediction of SARS-CoV-2-Related Lung Inflammation Spreading by V:ERITAS (Vanvitelli Early Recognition of Inflamed Thoracic Areas Spreading).** *J Clin Med* 2022; 11Romano C, Cozzolino D, Cuomo G *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35566559>
80. **Glycated Albumin and Glycated Albumin/HbA1c Predict the Progression of Coronavirus Disease 2019 from Mild to Severe Disease in Korean Patients with Type 2 Diabetes.** *J Clin Med* 2022; 11Yoo J, Choi Y, Park SA *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35566453>
81. **Development and performance of a point-of-care rapid antigen test for detection of SARS-COV-2 variants.** *J Clin Virol Plus* 2022; 2:100080Liu L, Meyers K, Purpura LJ *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35528048>
82. **Initial Experience with a COVID-19 Screening Chatbot Before Radiology Appointments.** *J. Digit. Imaging* 2022;1-5Wang WT, Tan N, Hanson JA *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35562634>
83. **Repeated transmission of SARS-CoV-2 in an overcrowded Irish emergency department elucidated by whole-genome sequencing.** *J Hosp Infect* 2022; 126:1-9Hare D, Meaney C, Powell J *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35562074>
84. **Identification of SARS-CoV-2 variants of concern in vaccine-breakthrough infections.** *J Infect Dev Ctries* 2022; 16:580-582Abdalhamid B, Donahue M, Kamal-Ahmed I *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35544616>
85. **Evaluation of blood and biochemical parameters of COVID-19 patients in Suez Canal University Hospital; A retrospective study.** *J Infect Dev Ctries* 2022; 16:592-599Anani M, Amer SA, Kishk RM *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35544618>
86. **Use of qRT-PCR for SARS-CoV-2 sgRNA leader for the therapeutic plan: a preliminary report on 10 patients.** *J Infect Dev Ctries* 2022; 16:604-607Petcharat S, Virojanapirom P, Putcharoen O *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35544620>
87. **Levels of Vascular Endothelial Growth Factor and Its Association with Pulmonary Embolism in COVID-19.** *J. Interferon Cytokine Res.* 2022; Guerra-López JA, Amezcua-Castillo LM, González-Pacheco H, Amezcua-Guerra LM.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35559721>
88. **Barcelona Olfactory Test - 8: validation of a new test on Spanish population during COVID-19 pandemic.** *J. Investig. Allergol. Clin. Immunol.* 2022;0Rojas-Lechuga MJ, Ceballos JC, Valls-Mateus M *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35532333>
89. **Relationship between SARS-CoV-2 antibody titer and the severity of COVID-19.** *J Microbiol Immunol Infect* 2022; Park JH, Cha MJ, Choi H *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35570185>
90. **Untargeted lipidomics reveals specific lipid profiles in COVID-19 patients with different severity from Campania region (Italy).** *J. Pharm. Biomed. Anal.* 2022; 217:114827Cicarelli M, Merciai F, Carrizzo A *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35569273>
91. **Travel-associated SARS-CoV-2 transmission documented with whole genome sequencing following a long-haul international flight.** *J Travel Med* 2022; Ngh S, Vogt F, Sikazwe CT *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35532195>

92. **Spectrofluorimetric determination of the anti-Covid 19 agent, remdesivir, in vials and spiked human plasma.** Luminescence 2022; Attia TZ, Boushra JM, Abdel Hakiem AF *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35548893>
93. **Pseudovirus-Based Assays for the Measurement of Antibody-Mediated Neutralization of SARS-CoV-2.** Methods Mol. Biol. 2022; 2452:361-378 Balinsky C, Jani V, Sun P *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35554917>
94. **One-Step Reverse Transcription Droplet Digital PCR Protocols for SARS-CoV-2 Detection and Quantification.** Methods Mol. Biol. 2022; 2452:147-166 Nyaruaba R, Li X, Mwaliko C *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35554906>
95. **Detection of SARS-CoV-2 by Mass Spectrometry.** Methods Mol. Biol. 2022; 2452:183-196 Wandernoth P, Kriegsmann K, Kriegsmann J, Kriegsmann M. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35554908>
96. **Detection and Quantification of SARS-CoV-2 by Real-Time RT-PCR Assay.** Methods Mol. Biol. 2022; 2452:75-98 Wilhelm A, Pallas C, Marschalek R, Widera M. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35554902>
97. **Molecular Epidemiology of SARS-CoV-2 by Sequencing.** Methods Mol. Biol. 2022; 2452:19-32 Yan Y, Hu Q. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35554898>
98. **Advanced Genetic Methodologies in Tracking Evolution and Spread of SARS-CoV-2.** Methods Mol. Biol. 2022; 2452:33-43 Yang X, Dong N, Chen S. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35554899>
99. **Identifying SARS-CoV-2 Variants of Concern through Saliva-Based RT-qPCR by Targeting Recurrent Mutation Sites.** Microbiol Spectr 2022:e0079722 Ham RE, Smothers AR, Che R *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35546574>
100. **Emergence of SARS-CoV-2 Spike Mutations during Prolonged Infection in Immunocompromised Hosts.** Microbiol Spectr 2022:e0079122 Ko KKK, Yingtaweessittikul H, Tan TT *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35543562>
101. **Immature granulocytes: Innovative biomarker for SARS-CoV-2 infection.** Mol Med Rep 2022; 26 Georgakopoulou VE, Makrodimitri S, Triantafyllou M *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35551416>
102. **Durable immunogenicity, adaptation to emerging variants, and low-dose efficacy of an AAV-based COVID-19 vaccine platform in macaques.** Mol. Ther. 2022; Zabaleta N, Bhatt U, Hérat C *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35546782>
103. **The Pathophysiology of Long COVID throughout the Renin-Angiotensin System.** Molecules 2022; 27 Khazal S, Harb J, Rima M *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35566253>
104. **Plant Polysaccharides Modulate Immune Function via the Gut Microbiome and May Have Potential in COVID-19 Therapy.** Molecules 2022; 27 Tang M, Cheng L, Liu Y *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35566123>
105. **Application of Nanopore Sequencing in the Detection of Foodborne Microorganisms.** Nanomaterials (Basel) 2022; 12 Zhou Y, Ren M, Zhang P *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564242>
106. **Th1/Th2/Th17 Cytokine Profile among Different Stages of COVID-19 Infection.** Natl Acad Sci Lett 2022; 1-7 Gupta G, Shareef I, Tomar S *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35528283>
107. **Magnesium-to-Calcium Ratio and Mortality from COVID-19.** Nutrients 2022; 14 Guerrero-Romero F, Mercado M, Rodriguez-Moran M *et al.*

- <http://www.ncbi.nlm.nih.gov/pubmed/?term=35565654>
108. **Feasibility of SARS-CoV-2 Antibody Testing in Remote Outpatient Trials.** Open Forum Infect Dis 2021; 8:ofab506Lofgren SM, Okafor EC, Colette AA *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35548171>
 109. **Screening Large Population Health Databases for Potential Coronavirus Disease 2019 Therapeutics: A Pharmacopeia-Wide Association Study of Commonly Prescribed Medications.** Open Forum Infect Dis 2022; 9:ofac156MacFadden DR, Brown K, Buchan SA *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35531374>
 110. **Procalcitonin Is Not a Reliable Biomarker of Bacterial Coinfection in People With Coronavirus Disease 2019 Undergoing Microbiological Investigation at the Time of Hospital Admission.** Open Forum Infect Dis 2022; 9:ofac179Relph KA, Russell CD, Fairfield CJ *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35531376>
 111. **Phylogenetic and genome-wide mutational analysis of SARS-CoV-2 strains circulating in Nigeria: no implications for attenuated COVID-19 outcomes.** Osong Public Health Res Perspect 2022; 13:101-113Kolawole DB, Okeke MI.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35538682>
 112. **Lipase elevation on admission predicts worse clinical outcomes in patients with COVID-19.** Pancreatol 2022; 22:665-670Kiyak M, Düzenli T.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35537935>
 113. **Vitamin D status and COVID-19 severity.** S Afr J Infect Dis 2022; 37:359Kalichuran S, van Blydenstein SA, Venter M, Omar S.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35546959>
 114. **Genotoxicity assessment of potentially mutagenic nucleoside analogues using ToxTracker®.** Toxicol. Lett. 2022; 362:50-58Brandsma I, Derr R, Zhang G *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35569722>
 115. **Engineering carbon nanotubes for sensitive viral detection.** Trends Analyt. Chem. 2022; 153:116659Ovais M, You M, Ahmad J *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35527799>
 116. **Plasma Torquetenovirus (TTV) microRNAs and severity of COVID-19.** Virol J 2022; 19:79Stincarelli MA, Baj A, Guidotti B *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35562762>

Children (38 articles)

1. **Impact of COVID-19 Pandemic-Associated Social Changes on Boys with Moderate to Severe Autism.** Adv Neurodev Disord 2022;1-5Hannawi AP, Knight C, Grelotti DJ, Trauner DA. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35541570>
2. **[Reinfection by SARS-CoV-2 in a child with history of multisystem inflammatory syndrome: a case report].** Arch. Argent. Pediatr. 2022; 120:e147-e150Yori SC, Agrimbau Vázquez J, Berberian G *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35533129>
3. **School health promotion in pandemic times. Results of the COVID-HL school principal study.** Bundesgesundheitsblatt, Gesundheitsforschung, Gesundheitsschutz 2022; Dadaczynski K, Okan O, Messer M.
4. **Youth mental health and/or addiction concerns and service needs during the COVID-19 pandemic: a qualitative exploration of caregiver experiences and perspectives.** Child Adolesc Psychiatry Ment Health 2022; 16:35Markoulakis R, Da

- Silva A, Kodeeswaran S, Levitt A. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35538588>
5. **A Qualitative Inquiry of Parents' Observations of Their Children's Mental Health Needs During the COVID-19 Pandemic.** Child. Health Care 2022; 51:213-234Barth AM, Meinert AC, Zopatti KL *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35530015>
 6. **COVID-19-related anxiety and trauma symptoms predict decreases in body image satisfaction in children.** Child Psychiatry Hum. Dev. 2022:1-12Aucoin P, Gardam O, St John E *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35543799>
 7. **Impact of COVID-19 on Surgical Interventions and Medical Practices in Pediatric Otolaryngology: A Narrative Review.** Cureus 2022; 14:e23835Jamal A, Safar M, Tarakmeh M *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35530923>
 8. **Epidemiology, Clinical Features, and Outcomes of Multisystem Inflammatory Syndrome in Children (MIS-C) and Adolescents-a Live Systematic Review and Meta-analysis.** Curr Pediatr Rep 2022; 10:19-30Jiang L, Tang K, Irfan O *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35540721>
 9. **Content analysis of the impact of COVID-19 on weight and shape control behaviors and social media content of U.S. adolescents and young adults.** Eat Behav 2022; 45:101635Schmid JC, Rose KL, Hadler NL *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35567879>
 10. **Provoked seizures and status epilepticus in a pediatric population with COVID-19 disease.** Epilepsia 2022; Thongsing A, Eizadkhah D, Fields C, Ballaban-Gil K. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35532892>
 11. **Molecular Epidemiology of Herpangina Children in Tongzhou District, Beijing, China, During 2019-2020.** Front Med (Lausanne) 2022; 9:822796Xie MZ, Chen LY, Yang YN *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35547223>
 12. **Changes in Feeding Behavior and Feeding Stress Among Mothers of Preschoolers Before and During the Novel Coronavirus Pandemic.** Front Nutr 2022; 9:828557Mosli RH, Barahim A, Zahed LA *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35548557>
 13. **Post-COVID Condition in Adults and Children Living in the Same Household in Italy: A Prospective Cohort Study Using the ISARIC Global Follow-Up Protocol.** Front Pediatr 2022; 10:834875Buonsenso D, Munblit D, Pazukhina E *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35529336>
 14. **Impact of Coronavirus Disease 2019 Pandemic on Pediatric Out-of-Hospital Cardiac Arrest in the Emergency Department.** Front Pediatr 2022; 10:846410Chen CY, Lee EP, Chang YJ *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35547546>
 15. **Pulmonary Function and Long-Term Respiratory Symptoms in Children and Adolescents After COVID-19.** Front Pediatr 2022; 10:851008Knoke L, Schlegtendal A, Maier C *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35547532>
 16. **Comparison of Severe Viral Pneumonia Caused by SARS-CoV-2 and Other Respiratory Viruses Among Malaysian Children During the COVID-19 Pandemic.** Front Pediatr 2022; 10:865099Ng DC, Tan KK, Ting GSS *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35547549>
 17. **HMGB1 in Pediatric COVID-19 Infection and MIS-C: A Pilot Study.** Front Pediatr 2022; 10:868269Petrarca L, Manganelli V, Nenna R *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35558368>

18. **Multisystem Inflammatory Syndrome Temporally Related to COVID-19 in Children From Latin America and the Caribbean Region: A Systematic Review With a Meta-Analysis of Data From Regional Surveillance Systems.** Front Pediatr 2022; 10:881765Ruvinsky S, Voto C, Roel M *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35547540>
19. **Impact of COVID-19 in Pediatric Patients and Young Adults with Inflammatory Bowel Disease.** GE Port J Gastroenterol 2022; 20:1-6Magalhães T, Granado MC, Manuel AR *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35527801>
20. **Accelerometer-measured physical activity and sedentary time among children and their parents in the UK before and after COVID-19 lockdowns: a natural experiment.** Int. J. Behav. Nutr. Phys. Act. 2022; 19:51Salway R, Foster C, de Vocht F *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35570265>
21. **The Continued Impact of the COVID-19 Pandemic on Pediatric Obesity: A Commentary on the Return to a Healthy New "Normal".** Int J Environ Res Public Health 2022; 19Chaves E, Reddy SD, Cadieux A *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35564991>
22. **Caregivers' Difficulty in Managing Smartphone Use of Children with Attention-Deficit/Hyperactivity Disorder during the COVID-19 Pandemic: Relationships with Caregiver and Children Factors.** Int J Environ Res Public Health 2022; 19Lee JI, Hsiao RC, Tsai CS, Yen CF. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564588>
23. **The role of children in household transmission of COVID-19: a systematic review and meta-analysis.** Int J Infect Dis 2022; 122:266-275Chen F, Tian Y, Zhang L, Shi Y. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35562045>
24. **Pediatric olfactory home testing using regular household items: A cross-over validation study.** Int J Pediatr Otorhinolaryngol 2022; 158:111173Jaramillo L, van Egmond-Froehlich A, Liu DT *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35561440>
25. **Impact of screen exposure on pediatric vernal Keratoconjunctivitis: a survey during the COVID-19 pandemic in Italy.** Ital. J. Pediatr. 2022; 48:74Masini M, Brindisi G, Giovannini M *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35568956>
26. **The Effects of COVID-19 Pandemic on Italian School-Aged Children: Sleep-Related Difficulties and Trauma Reactions.** J. Child Neurol. 2022; 37:8830738221096194Curatola A, Ferretti S, Gatto A *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35535411>
27. **Impact of the COVID-19 pandemic on pediatric emergency department utilization for head injuries.** J. Investig. Med. 2022; Satoskar S, Badaki OB, Gielen AC *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35545294>
28. **Croup during the Coronavirus Disease 2019 Omicron Variant Surge.** J. Pediatr. 2022; Tunç EM, Koid Jia Shin C, Usoro E *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35551925>
29. **Lethal hemorrhagic necrotizing pancreatitis in a child with congenital immunodeficiency and COVID-19.** J Pediatr Surg Case Rep 2022; 82:102289Zahradníková P, Jáger R, Pechanová R *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35529604>
30. **Neuromuscular complications of severe COVID-19 in paediatric patients: Medium-term follow-up.** Neuromuscul. Disord. 2022; 32:486-492Avila-Smirnow D, Céspedes P, Reyes F *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35562241>

31. **The Side-Effects of the COVID-19 Pandemic: Increased BMI z-Score in Children with Overweight and Obesity in a Personalised Lifestyle Intervention One Year after the Start of the Pandemic in The Netherlands.** Nutrients 2022; 14:Arayess L, Knockaert N, Winkens B *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35565909>
32. **Covid-19 in children aged 5-11: Examining the issues surrounding vaccination and public health policy.** Paediatr. Respir. Rev. 2022; Myers V, Saban M, Wilf-Miron R. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35568661>
33. **COVID-19 in pediatric kidney transplantation: a follow-up report of the Improving Renal Outcomes Collaborative.** Pediatr. Nephrol. 2022;1-11 Varnell C, Jr., Harshman LA, Liu C *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35538239>
34. **Safety of COVID-19 vaccines and disease flares after vaccines in children with rheumatic disease.** Postgrad. Med. 2022;1-6 Arslanoglu Aydin E, Baglan E, Bagrul I *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35535525>
35. **Practical guidelines for management of patients with suspected or confirmed COVID-19 hospitalized in a child and adolescent psychiatric ward.** Psychiatr. Pol. 2022; 56:115-122 Herman A, Filip K, Wanke-Rytt M, Wolańczyk T. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35569152>
36. **National Trends in Pediatric Ambulatory Telehealth Utilization and Follow-Up Care.** Telemed J E Health 2022; Rabbani N, Chen JH. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35544068>
37. **Characteristics and conflicting recommendations of clinical practice guidelines for COVID-19 management in children: A scoping review.** Travel Med Infect Dis 2022; 48:102354 Quincho-Lopez A, Chávez-Rimache L, Montes-Alvis J *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35537677>
38. **Catch-up vaccination campaign in children between 6 and 8 years old during COVID-19 pandemic: The experience in a COVID hub in Milan, Italy.** Vaccine 2022; 40:3664-3669 Mancarella M, Natarelli F, Bertolini C *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35570078>

Clinical Features (32 articles)

1. **Changes in Refractive Error Under COVID-19: A 3-Year Follow-up Study.** Adv Ther 2022; 39:2999-3010 Yang X, Fan Q, Zhang Y *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35508845>
2. **ICU: Characteristics of intensive care patients with COVID-19 in three neighboring countries.** Anesthesiologie Intensivmedizin Notfallmedizin Schmerztherapie 2022; 57:164-165 Simon A.
3. **Comparison of the clinical presentation across two waves of COVID-19: a retrospective cohort study.** BMC Infect. Dis. 2022; 22:423 Buttenschøn HN, Lynggaard V, Sandbøl SG *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35505306>
4. **Pulse oximetry and oxygen services for the care of children with pneumonia attending frontline health facilities in Lagos, Nigeria (INSPIRING-Lagos): study protocol for a mixed-methods evaluation.** BMJ Open 2022; 12:e058901 Graham HR, Olojede OE, Bakare AAA *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35501079>
5. **Patient experience of symptoms and impacts of COVID-19: a qualitative investigation with symptomatic outpatients.** BMJ Open 2022; 12:e055989 Rofail

- D, McGale N, Podolanczuk AJ *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35501077>
6. **Lung function six months after severe COVID-19: Does time, in fact, heal all wounds?** Braz. J. Infect. Dis. 2022; 26:102352Bretas DC, Leite AS, Mancuzo EV *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35500646>
 7. **Clinical Characteristics and Outcomes of COVID-19 in 1294 New Cancer Patients: Single-Center, Prospective Cohort Study from Iran.** Cancer Invest. 2022:1-11Fazilat-Panah D, Fallah Tafti H, Rajabzadeh Y *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35521692>
 8. **Persisting chemosensory impairments in 366 healthcare workers following COVID-19: an 11-month follow-up.** Chem. Senses 2022; 47Bussiere N, Mei J, Levesque-Boissonneault C *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35522081>
 9. **Headache and cognitive disturbance correlate with ganglion cell layer thickness in patients who recovered from COVID-19.** Clin. Neurol. Neurosurg. 2022; 217:107263Taskiran-Sag A, Eroglu E, Ozulken K *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35525105>
 10. **Comparison of Clinical Characteristics and Outcome Between Vaccinated and Non-Vaccinated Patients of Covid-19 During the Delta Variant-Dominated Fourth Wave in a Tertiary Care Hospital in Karachi, Pakistan.** Cureus 2022; 14:e23726Khan JA, Satti L, Bizanjo M, Ather NA. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35509752>
 11. **Characteristics of COVID-19 Patients With SARS-CoV-2 Positivity in Feces.** Front Cell Infect Microbiol 2022; 12:853212Wu W, Shi D, Zhu X *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35493744>
 12. **Is There Less Alteration of Smell Sensation in Patients With Omicron SARS-CoV-2 Variant Infection?** Front Med (Lausanne) 2022; 9:852998Rodriguez-Sevilla JJ, Güerri-Fernández R, Bertran Recasens B. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35492353>
 13. **The Musculoskeletal Involvement After Mild to Moderate COVID-19 Infection.** Front. Physiol. 2022; 13:813924Dos Santos PK, Sigoli E, Bragança LJG, Cornachione AS. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35492595>
 14. **Ocular sequelae in severe COVID-19 recovered patients of second wave.** Indian J Ophthalmol 2022; 70:1780-1786Dipu T, Goel R, Arora R *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35502072>
 15. **Comparison of Multisystem Inflammatory Syndrome (MIS-C) and Dengue in Hospitalized Children.** Indian J Pediatr 2022:1-6Randhawa MS, Angurana SK, Nallasamy K *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35511400>
 16. **The Epidemiological, Clinical Features and Outcomes of Imported Chinese COVID-19 Patients Following Inactivated Vaccines Injection.** Infect Drug Resist 2022; 15:2115-2125Li J, Jiang N, Zeng QL *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35498630>
 17. **A Preliminary Study of COVID-19-related Stressors, Parenting Stress, and Parental Psychological Well-being Among Parents of School-age Children.** J Child Fam Stud 2022; 31:1558-1569Chen CY, Byrne E, Vélez T. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35502365>
 18. **Post immunization COVID-19 disease.** J Family Med Prim Care 2022; 11:1555-1557Bawaskar HS, Bawaskar PH. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35516695>

19. **Oral manifestations in COVID-19 patients: An observational study.** J Family Med Prim Care 2022; 11:1000-1005 Muthyam AK, Reddy MP, Kulkarni S *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35495817>
20. **Attention-based hybrid CNN-LSTM and spectral data augmentation for COVID-19 diagnosis from cough sound.** J Intell Inf Syst 2022:1-23 Hamdi S, Oussalah M, Moussaoui A, Saidi M. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35498369>
21. **Effects of the coronavirus disease 2019 pandemic on subjective tinnitus perception.** J. Laryngol. Otol. 2022; 136:410-413 Aydoğan Z, Çinar Satekin M, Ocak E, Tokgoz Yilmaz S. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35510491>
22. **Development and content validation of the Symptoms Evolution of COVID-19: a patient-reported electronic daily diary in clinical and real-world studies.** J Patient Rep Outcomes 2022; 6:41 Rofail D, McGale N, Im J *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35507193>
23. **Viral Burden and Clearance in Asymptomatic COVID-19 Patients.** Open Forum Infect Dis 2022; 9:ofac126 Gunatilaka AB, Marco N, Read GH *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35493121>
24. **Oral and dermatologic lesions observed in mild COVID-19 patients infected after 3rd vaccine dose.** Oral Dis 2022; Santana L, Costa GAD, Gonçalo RIC *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35491547>
25. **Respiratory Drive, Dyspnea and Silent Hypoxemia: A Physiological Review in the Context of Coronavirus Disease 2019.** Respir. Care 2022; Kallet R, Branson RD, Lipnick MS. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35501129>
26. **1-year quality of life and health-outcomes in patients hospitalised with COVID-19: a longitudinal cohort study.** Respir Res 2022; 23:115 O'Brien K, Townsend L, Dowds J *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35509060>
27. **Innovations during the Covid-19 pandemic to maintain delivery of care for vocal cord dysfunction (VCD) in a multidisciplinary team (MDT) clinic.** Respirology 2022; Koh J, Baxter M, Phyland D *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35509217>
28. **Possible complex regional pain syndrome following SARS-CoV-2 infection: Case report.** SAGE Open Med Case Rep 2022; 10:2050313x22109311 Branavan B, Indrakumar J. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35495288>
29. **Pediatric Patients with COVID-19: A Retrospective Single-Center Experience.** Sisli Etfal Hastan Tip Bul 2022; 56:62-69 Sahin A, Dalgic N, Sancar M *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35515968>
30. **Long COVID-19 syndrome: a 14-months longitudinal study during the two first epidemic peaks in Southeast Brazil.** Trans. R. Soc. Trop. Med. Hyg. 2022; de Miranda DAP, Gomes SVC, Filgueiras PS *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35514142>
31. **PREVALENCE OF SENSORY DYSFUNCTIONS IN ADULT UKRAINIAN POPULATION WITH LABORATORY CONFIRMED COVID-19.** Wiad. Lek. 2022; 75:670-677 Myshchenko I, Ostrovskyy M, Kolhanov A *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35522877>
32. **Validation of Machine Learning Models to Predict Adverse Outcomes in Patients with COVID-19: A Prospective Pilot Study.** Yonsei Med. J. 2022; 63:422-429 Kim HJ, Heo J, Han D, Oh HS. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35512744>

1. **De novo altered mental state after SARS-CoV-2 vaccination requires extensive diagnostic work-up.** Ann Med Surg (Lond) 2022; 77:103724Finsterer J.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35531427>
2. **Trained immunity in viral infections, Alzheimer's disease and multiple sclerosis: A convergence in type I interferon signalling and IFN β -1a.** Biochim Biophys Acta Mol Basis Dis 2022; 1868:166430Vavougios GD, Mavridis T, Artemiadis A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35550850>
3. **COVID-19-associated leukoencephalopathy in the absence of severe hypoxia with subsequent improvement: a case report.** BMC Infect. Dis. 2022; 22:444Kojima H, Sakamoto N, Kosaka A *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35538434>
4. **Rare occurrence of Guillain-Barré syndrome after Moderna vaccine.** BMJ Case Rep. 2022; 15Bijoy George T, Kainat A, Pachika PS, Arnold J.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35534045>
5. **Brain and behavior in health communication: The Canadian COVID-19 Experiences Project.** Brain Behav Immun Health 2022; 22:100467Hall PA, Fong GT, Hitchman SC *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35527791>
6. **SARS-CoV-2 Attacks in the Brain: Focus on the Sialome.** Cells 2022; 11Wielgat P, Narejko K, Car H. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35563764>
7. **COVID-19 associated cognitive impairment: A systematic review.** Cortex 2022; 152:77-97Tavares-Júnior JWL, de Souza ACC, Borges JWP *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35537236>
8. **Acute Multiple Sclerosis Exacerbation After Vaccination With the Johnson & Johnson COVID-19 Vaccine: Novel Presentation and First Documented Case Report.** Cureus 2022; 14:e24017Al-Midfai Y, Kujundzic W, Uppal S *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35547449>
9. **A Rare Case of Myelin Oligodendrocyte Glycoprotein Antibody-Associated Transverse Myelitis in a 40-Year-Old Patient With COVID-19.** Cureus 2022; 14:e23877Doukas SG, Santos AP, Mir W *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35530898>
10. **Provoked seizures and status epilepticus in a pediatric population with COVID-19 disease.** Epilepsia 2022; Thongsing A, Eizadkhah D, Fields C, Ballaban-Gil K. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35532892>
11. **Trajectory of cognitive impairments over 1 year after COVID-19 hospitalisation: Pattern, severity, and functional implications.** Eur. Neuropsychopharmacol. 2022; 59:82-92Miskowiak KW, Fugledalen L, Jespersen AE *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35561540>
12. **Brain Imaging Changes in Patients Recovered From COVID-19: A Narrative Review.** Front. Neurosci. 2022; 16:855868Huang Y, Ling Q, Manyande A *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35527821>
13. **Persistent viral RNA shedding of SARS-CoV-2 is associated with delirium incidence and six-month mortality in hospitalized COVID-19 patients.** Geroscience 2022;1-14Batra A, Clark JR, Kang AK *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35538386>
14. **Neuropathology of COVID-19.** Indian J. Pathol. Microbiol. 2022; 65:S146-s152Lin LC, Hollis B, Hefti MM. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35562145>
15. **Frailty is associated with poor mental health 1 year after hospitalisation with COVID-19.** J. Affect. Disord. 2022; 310:377-383Braude P, McCarthy K, Strawbridge R *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35568322>

16. **Seroprevalence of SARS-CoV-2 in a Cohort of Patients with Multiple Sclerosis under Disease-Modifying Therapies.** J Clin Med 2022; 11Sancho-Saldaña A, Gil Sánchez A, Quirant-Sánchez B *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35566632>
17. **Exploring trajectory recovery curves of post-COVID cognitive symptoms in previously hospitalized COVID-19 survivors: the LONG-COVID-EXP-CM multicenter study.** J. Neurol. 2022;1-5Fernández-de-Las-Peñas C, Martín-Guerrero JD, Cancela-Cilleruelo I *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35538169>
18. **Researching COVID-19 in progressive MS requires a globally coordinated, multi-disciplinary and multi-stakeholder approach-perspectives from the International Progressive MS Alliance.** Mult Scler J Exp Transl Clin 2022; 8:20552173221099181Zaratin P, Banwell B, Coetzee T *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35530174>
19. **Evaluation of Neuropathic Pain Features in COVID-19 Patients.** Neurol. India 2022; 70:591-595Ocak O, Sahin EM. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35532624>
20. **A longitudinal study on the effects of COVID-19 pandemic on non-motor symptoms in Parkinson's disease.** Neurol Sci 2022;1-5D'Iorio A, Baiano C, Maraucci G *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35538300>
21. **COVID-19-Related Burden and Risk Perception in Individuals with Chronic Inflammatory Demyelinating Polyneuropathy and Multifocal Motor Neuropathy: A Cross-Sectional Study.** Neurol Ther 2022;1-12Musche V, Bäuerle A, Jahre L *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35553393>
22. **Neuromuscular complications of severe COVID-19 in paediatric patients: Medium-term follow-up.** Neuromuscul. Disord. 2022; 32:486-492Avila-Smirnow D, Céspedes P, Reyes F *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35562241>
23. **The Effects of the COVID-19 Pandemic on Penetrating Neurotrauma at a Level 1 Trauma Center.** World Neurosurg 2022; Yang GL, Johnson MD, Solomon D *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35552030>

Coagulation (23 articles)

1. **Acute hepatitis with portal and mesenteric vein thrombosis revealing SARS-CoV-2 infection: Case report and literature review.** Ann Med Surg (Lond) 2022; 77:103706Harouachi A, Bouhout T, Hadj Kacem H *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35531429>
2. **Increment of D-dimer Associated with Immune Thrombotic Thrombocytopenia in ChAdOx1 nCoV-19 Vaccinated Individuals.** Arch Med Res 2022; 53:341-351Ornelas-Aguirre JM, Gómez-Alcalá AV, Ramírez-Leyva DH. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35534335>
3. **Venous thromboembolism in COVID-19 patients and prediction model: a multicenter cohort study.** BMC Infect. Dis. 2022; 22:462Lee Y, Jehangir Q, Li P *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35562677>
4. **Management of a severe bilateral pulmonary embolism as a complication of VITT following vaccination with AstraZeneca COVID-19 vaccine.** BMJ Case Rep. 2022; 15Elkoumy M, Schoen J, Loew A. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35545306>
5. **Guillain Barre Syndrome as a Complication of COVID-19: Letter to the Editor.** Can. J. Neurol. Sci. 2022; 49:475Aladawi M, Elfil M.

- <http://www.ncbi.nlm.nih.gov/pubmed/?term=35538905>
6. **In-stent thrombosis and COVID-19 infection: Current insights on the mechanistic relationship.** *Curr. Cardiol. Rev.* 2022; El-Medany A, Kandoole V, Lonsdale N *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35549872>
 7. **Comment on "Pre-hospital antiplatelet medication use on COVID-19 disease severity".** *Heart Lung* 2022; Nadeem A, Ejaz Z. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35537878>
 8. **Venous Thromboembolism and COVID-19-an Epidemiological Perspective.** *Indian J Surg* 2022;1-8Khanna AK, Khanna D. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35529246>
 9. **Antigens and Antibodies of the Antiphospholipid Syndrome as New Allies in the Pathogenesis of COVID-19 Coagulopathy.** *Int J Mol Sci* 2022; 23Serrano M, Espinosa G, Serrano A, Cervera R. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35563337>
 10. **Dual antiplatelet use in the management of COVID-19 associated acute ischemic stroke reocclusion.** *Interv. Neuroradiol.* 2022;15910199221097484Feler J, Chuck C, Anderson M *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35549746>
 11. **Acute Pulmonary Artery Thrombosis despite Anticoagulation in Patients with COVID-19 Pneumonia: A Single-Center Retrospective Cohort Study.** *J Clin Med* 2022; 11Niculae CM, Anghel AM, Militaru ED *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35566758>
 12. **A case of severe COVID-19 with pulmonary thromboembolism related to heparin-induced thrombocytopenia during prophylactic anticoagulation therapy.** *J Infect Chemother* 2022; 28:1208-1211Sasaki K, Murata M, Nakamura K *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35570112>
 13. **Levels of Vascular Endothelial Growth Factor and Its Association with Pulmonary Embolism in COVID-19.** *J. Interferon Cytokine Res.* 2022; Guerra-López JA, Amezcua-Castillo LM, González-Pacheco H, Amezcua-Guerra LM. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35559721>
 14. **Screening for asymptomatic deep vein thrombosis in COVID-19 patients admitted to the medical ward: a cross-sectional study.** *J Ultrasound* 2022;1-6Olgers TJ, Lieveld AWE, Kok B *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35567703>
 15. **Cerebral Venous Thrombosis in COVID-19.** *Neurol. India* 2022; 70:652-659Benny R, Singh RK, Venkitachalam A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35532634>
 16. **Large Vessel Occlusions By Free Floating Thrombi in Strokes During the COVID-19 pandemic- A Single Center Observational Study.** *Neurol. India* 2022; 70:623-632Panda S, Tiwari S, Pamnani J *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35532630>
 17. **Exacerbation of immune thrombocytopenia following initial and booster vaccination with Pfizer-BioNTech COVID-19 vaccine.** *Platelets* 2022; 33:781-786Aharoni M, Leader A, Shochat T *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35536172>
 18. **Vaccine-induced immune thrombotic thrombocytopenia in a male after Ad26.COV2.S vaccination presenting as cerebral venous sinus thrombosis.** *Platelets* 2022; 33:797-800Wu JF, Bajwa U, Hammad M. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35535430>

19. **Perspective: The Case for Acute Large Vessel Ischemic Stroke in COVID-19 Originating Within Thrombosed Pulmonary Venules.** Stroke 2022;101161strokeaha121038056Meaney JFM, O'Donnell JS, Bridgewood C *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35543127>
20. **Thrombosis, cancer, and COVID-19.** Support. Care Cancer 2022;1-10Brito-Dellan N, Tsoukalas N, Font C. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35567609>
21. **Comparison of deep vein thrombosis risks in acute respiratory distress syndrome caused by COVID-19 and bacterial pneumonia: a retrospective cohort study.** Thromb J 2022; 20:27Cui N, Jiang C, Yang C *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35538488>
22. **Thrombotic thrombocytopenic purpura (TTP) after COVID-19 vaccination: A systematic review of reported cases.** Thromb Res 2022; 214:115-121Saluja P, Gautam N, Yadala S, Venkata AN. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35533526>
23. **Messenger ribonucleic acid vaccine-associated immune thrombocytopenia: A rare complication of vaccine.** Turk J Emerg Med 2022; 22:111-113Islamoglu MS, Dokur M, Uysal BB, Gunduz M. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35529027>

Complications (69 articles)

1. **Exploring the Association Between Latent Toxoplasma gondii Infection and COVID-19 in Hospitalized Patients: First Registry-Based Study.** Acta Parasitol 2022;1-8Montazeri M, Nakhaei M, Fakhari M *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35545737>
2. **Clinical update on COVID-19 for the emergency clinician: Cardiac arrest in the out-of-hospital and in-hospital settings.** Am J Emerg Med 2022; 57:114-123Brady WJ, Chavez S, Gottlieb M *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35561501>
3. **Initial anterior uveitis event associated with recent novel SARS-CoV-2 (COVID-19) infection in the setting of HLA-B27.** Am J Ophthalmol Case Rep 2022; 26:101565Pereira A, Murtaza F, Kaplan AJ, Yan P. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35531263>
4. **High-Flow Oxygen Therapy for Severe Hypoxemia: Moving Towards a More Inclusive Definition of ARDS.** Am J Respir Crit Care Med 2022; Barahona-Correa JE, Laserna A, Fowler C, Esquinas A. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35549638>
5. **Susceptibility of Patients with Airways Disease to SARS-CoV-2 Infection.** Am J Respir Crit Care Med 2022; Conway FM, Bloom CI, Shah PL. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35549839>
6. **Predicting Mortality for Patients Eligible for Extracorporeal Membrane Oxygenation for COVID-19.** Am J Respir Crit Care Med 2022; Gannon WD, Stokes JW, Gong W *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35549663>
7. **Extracorporeal Membrane Oxygenation for Severe Acute Respiratory Distress Syndrome associated with COVID-19: An Emulated Target Trial Analysis.** Am J Respir Crit Care Med 2022; Hajage D, Combes A, Guervilly C *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35533052>
8. **COVID-19 and Risk of Oxygen-dependent Chronic Respiratory Failure: A National Cohort Study.** Am J Respir Crit Care Med 2022; Sundh J, Ekström M,

- Palm A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35549847>
9. **Attributable Mortality of Ventilator-associated Pneumonia Among COVID-19 Patients.** *Am J Respir Crit Care Med* 2022; Vacheron CH, Lepape A, Savey A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35537122>
 10. **Omicron Variant in the Critical Care Units of Paris Metropolitan Area The Reality Research Group.** *Am J Respir Crit Care Med* 2022; Vieillard-Baron A, Flicoteaux R, Salmona M *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35536284>
 11. **Presentation, clinical course and complications in trauma patients with concomitant COVID-19 infection.** *Am. J. Surg.* 2022; Meyer CH, Grant A, Sola R, Jr. *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35534294>
 12. **Co-infection of SARS-CoV-2 with other viral respiratory pathogens in Yogyakarta, Indonesia: A cross-sectional study.** *Ann Med Surg (Lond)* 2022; 77:103676 Arguni E, Supriyati E, Hakim MS *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35531428>
 13. **Coinfection of fungi with SARS-CoV-2 is a detrimental health risk for COVID-19 patients.** *Beni Suef Univ J Basic Appl Sci* 2022; 11:64 Baten N, Wajed S, Talukder A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35529527>
 14. **Cryptococcus laurentii endogenous endophthalmitis post COVID-19 infection.** *BMJ Case Rep.* 2022; 15: Deepa MJ, Megharaj C, Patil S, Rani PK. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35545307>
 15. **Paracentral acute middle maculopathy in Susac syndrome after dual exposure to SARS-CoV-2 antigen.** *BMJ Case Rep.* 2022; 15: Malerbi FK, Schoeps VA, K TFM. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35537770>
 16. **Multisystem inflammatory syndrome in an adult with severe hypoxaemia and thyroiditis responsive to corticosteroid and interleukin 6 inhibitor treatment.** *BMJ Case Rep.* 2022; 15: Rojnukoolwanich T, Kuagoolwongse C, Vibhagool A, Pongpirul K. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35537767>
 17. **Increased risk of transurethral and suprapubic catheter self-extraction in COVID-19 patients: real-life experience.** *Br J Nurs* 2022; 31: S24-s30 Pirola GM, Rubilotta E, Castellani D *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35559699>
 18. **Outcomes of Cancer Patients with COVID-19 in a Hospital System in the Chicago Metropolitan Area.** *Cancers (Basel)* 2022; 14: Mina A, Galvez C, Karmali R *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35565336>
 19. **Nebulized Amphotericin B in Mechanically Ventilated COVID-19 Patients to Prevent Invasive Pulmonary Aspergillosis: A Retrospective Cohort Study.** *Crit Care Explor* 2022; 4: e0696 Melchers M, van Zanten ARH, Heusinkveld M *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35558738>
 20. **Estimation of Serum Ferritin in Mucormycosis Patients and Prognostication Based on the Ferritin Value.** *Cureus* 2022; 14: e24013 Anand CB, Senthilkumar S, P N *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35547446>
 21. **Introduction of Extracorporeal Membrane Oxygenation on Ninth Day of Ventilator Management for Severe Acute Respiratory Distress Syndrome due to COVID-19: A Case Report.** *Cureus* 2022; 14: e24869 Takeda A, Higashitani M, Kuroda Y *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35547945>
 22. **New-onset hyperglycaemia and prolonged systemic corticosteroids therapy in mild COVID-19 patients as major risk factors for invasive mucormycosis: a**

- preliminary study.** *Curr Med Mycol* 2021; 7:22-28 Khichar S, Samantaray S, Kumar D *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35528622>
23. **Epidemiology, Clinical Features, and Outcomes of Multisystem Inflammatory Syndrome in Children (MIS-C) and Adolescents-a Live Systematic Review and Meta-analysis.** *Curr Pediatr Rep* 2022; 10:19-30 Jiang L, Tang K, Irfan O *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35540721>
24. **Effect of intra-nasal nitrilotriacetic acid trisodium salt in lowering elevated calcium cations and improving olfactory dysfunction in COVID-19 patients.** *Eur Arch Otorhinolaryngol* 2022:1-6 Abdelazim MH, Abdelazim AH, Ismaiel WF *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35567630>
25. **ICU tracheotomies in patients with COVID-19: a lesson learned for future viral pandemic.** *Eur Arch Otorhinolaryngol* 2022:1-8 Agata G, Jakub S, Piotr N *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35552798>
26. **Pathology Assessments of Multiple Organs in Fatal COVID-19 in Intensive Care Unit vs. Non-intensive Care Unit Patients.** *Front Med (Lausanne)* 2022; 9:837258 Zerbib Y, Guilain N, Eymieux S *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35547201>
27. **Case Report: Generalised Panniculitis as a Post-COVID-19 Presentation in Aicardi-Goutières Syndrome Treated With Ruxolitinib.** *Front Pediatr* 2022; 10:837568 Pararajasingam A, Bradley RE, Evans J *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35547545>
28. **HMGB1 in Pediatric COVID-19 Infection and MIS-C: A Pilot Study.** *Front Pediatr* 2022; 10:868269 Petrarca L, Manganelli V, Nenna R *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35558368>
29. **Multisystem Inflammatory Syndrome Temporally Related to COVID-19 in Children From Latin America and the Caribbean Region: A Systematic Review With a Meta-Analysis of Data From Regional Surveillance Systems.** *Front Pediatr* 2022; 10:881765 Ruvinsky S, Voto C, Roel M *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35547540>
30. **Case Report: Laryngotracheal Post-Intubation/Tracheostomy Stenosis in COVID-19 Patients.** *Front Surg* 2022; 9:874077 Onorati I, Bonnet N, Radu DM *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35548193>
31. **Secondary Sclerosing Cholangitis in a Critically Ill Patient with Severe SARS-CoV-2 Infection: A Possibly Emergent Entity during the Current Global Pandemic.** *GE Port J Gastroenterol* 2022; 27:1-6 Morão B, Revés JB, Nascimento C *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35528723>
32. **COVID-19 Is Associated With a 4 Fold Increase in 30-day Mortality Risk in Hip Fracture Patients in the United Kingdom: A Systematic Review and Meta-analysis.** *Geriatr Orthop Surg Rehabil* 2022; 13:21514593221099375 Mastan S, Hodhody G, Sajid M *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35546966>
33. **Dynamics of novel COVID-19 in the presence of Co-morbidity.** *Infect Dis Model* 2022; 7:138-160 Saha AK, Podder CN, Niger AM. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35530528>
34. **High-flow nasal oxygen in severe COVID-19 pneumonia and tocilizumab.** *Infect Dis Now* 2022; Mandal M, Mazza M, Esquinas AM. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35537687>
35. **Clinical Characteristics Associated with Bacterial Bloodstream Coinfection in COVID-19.** *Infect Dis Ther* 2022; 11:1281-1296 Rebold N, Alosaimy S, Morrisette T *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35538335>

36. **Mucromycosis in India: Pathophysiology and Perspectives on Treatment and Management.** Infect Disord Drug Targets 2022; Gupta U, Paliwal D, Rawat S. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35532252>
37. **Nitrated fatty acid, 10-nitrooleate protects against hyperoxia-induced acute lung injury in mice.** Int Immunopharmacol 2022; 109:108838Narala VR, Thimmana LV, Panati K, Kolliputi N. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35561478>
38. **COVID-19-Associated Mucormycosis: An Opportunistic Fungal Infection. A Case Series and Review.** Int J Infect Dis 2022; 121:203-210Balushi AA, Ajmi AA, Sinani QA *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35533833>
39. **COVID-19 outcomes among rheumatic disease patients in Kuwait: Data from the COVID-19 Global Rheumatology Alliance (C19-GRA) physician registry.** Int J Rheum Dis 2022; Abutiban F, Saleh K, Hayat S *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35543332>
40. **Pemphigus vulgaris after COVID-19 infection and vaccination.** J Am Acad Dermatol 2022; Zou H, Daveluy S. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35569594>
41. **Making a Joint Decision Regarding the Timing of Surgery for Elective Arthroplasty Surgery After Being Infected With COVID-19: A Systematic Review.** J. Arthroplasty 2022; Khan IA, Zaid MB, Gold PA *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35533820>
42. **Uninterrupted Continuation of VV-ECMO Without Anticoagulation for 44 Days in COVID-19 ARDS: A Precarious Quandary.** J Cardiothorac Vasc Anesth 2022; 36:3193-3196Patel SP, Solomon BJ, Pascotto RD *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35545457>
43. **Venovenous Extracorporeal Membrane Oxygenation in Awake Non-Intubated Patients With COVID-19 ARDS at High Risk for Barotrauma.** J Cardiothorac Vasc Anesth 2022; 36:2975-2982Paternoster G, Bertini P, Belletti A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35537972>
44. **Bacterial Ventilator-Associated Pneumonia in COVID-19 Patients: Data from the Second and Third Waves of the Pandemic.** J Clin Med 2022; 11Russo A, Olivadese V, Trecarichi EM, Torti C. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35566405>
45. **Epidemiology, Clinical Presentation and Treatment of Non-Hepatic Hyperammonemia in ICU COVID-19 Patients.** J Clin Med 2022; 11Tetaj N, Stazi GV, Marini MC *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35566715>
46. **Multidrug-resistant OXA-48/CTX-M-15 Klebsiella pneumoniae cluster in a COVID-19 intensive care unit: salient lessons for infection prevention and control during the COVID-19 pandemic.** J Hosp Infect 2022; 126:64-69Howard-Jones AR, Sandaradura I, Robinson R *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35562071>
47. **Symptom-based clusters of hospitalized patients with severe acute respiratory illness by SARS-CoV-2 in Brazil.** J Infect Public Health 2022; 15:621-627Raposo LM, Abreu GFD, Cardoso FBM *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35569253>
48. **Adults hospitalized with breakthrough COVID-19 have lower mortality than matched unvaccinated adults.** J Intern Med 2022; Myers LC, Kipnis P, Greene J *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35531712>
49. **Investigation of a cluster of Legionnaires' disease during the outbreak of coronavirus disease 2019 pandemic in northeastern Taiwan, June 2021.** J

- Microbiol Immunol Infect 2022; Ye JJ, Zheng JY, Chen YH *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35570184>
50. **Aspergillus detection in airways of ICU COVID-19 patients: To treat or not to treat?** J. Mycol. Med. 2022; 32:101290Bounhiol A, Pasquier G, Novara A *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35569323>
 51. **Croup during the Coronavirus Disease 2019 Omicron Variant Surge.** J. Pediatr. 2022; Tunç EM, Koid Jia Shin C, Usoro E *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35551925>
 52. **Cost-effectiveness analysis of an active search to retrieve HCV patients lost to follow-up (RELINK-C strategy) and the impact of COVID-19.** J. Viral Hepat. 2022; 29:579-583Vargas-Accarino E, Martínez-Camprecios J, Domínguez-Hernández R *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35555847>
 53. **Acanthosis nigricans in the setting of severe pulmonary disease exacerbated by COVID-19 infection.** JAAD Case Rep 2022; 24:78-81Hirotsu KE, Chiang A, Bahrani E *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35529073>
 54. **Clinical outcomes in a cohort of patients with cutaneous T-cell lymphoma and COVID-19.** JAAD Int 2022; 8:52-55Runge JS, Bardhi R, Xia Y *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35529773>
 55. **[Not Available].** Med. Intensiva 2022; Gomes EP, Reboredo MM, Costa GB *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35528275>
 56. **A screening study for COVID-19-associated pulmonary aspergillosis in critically ill patients during the third wave of the pandemic.** Mycoses 2022; 65:724-732Er B, Er AG, Gülmez D *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35531631>
 57. **Global prevalence and subgroup analyses of coronavirus disease (COVID-19) associated Candida auris infections (CACa): A systematic review and meta-analysis.** Mycoses 2022; 65:683-703Vaseghi N, Sharifisooraki J, Khodadadi H *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35555921>
 58. **COVID-19-Related Burden and Risk Perception in Individuals with Chronic Inflammatory Demyelinating Polyneuropathy and Multifocal Motor Neuropathy: A Cross-Sectional Study.** Neurol Ther 2022;1-12Musche V, Bäuerle A, Jahre L *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35553393>
 59. **Population Attributable Fractions of Underlying Medical Conditions for Coronavirus Disease 2019 (COVID-19) Diagnosis and COVID-19 Hospitalizations, Ventilations, and Deaths Among Adults in the United States.** Open Forum Infect Dis 2022; 9:ofac099Nguyen JL, Alfred T, Reimbaeva M *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35531382>
 60. **Procalcitonin Is Not a Reliable Biomarker of Bacterial Coinfection in People With Coronavirus Disease 2019 Undergoing Microbiological Investigation at the Time of Hospital Admission.** Open Forum Infect Dis 2022; 9:ofac179Relph KA, Russell CD, Fairfield CJ *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35531376>
 61. **Fulminant onset COVID-19: predictors and outcome.** Postgrad. Med. J. 2022; Sathiyageesan S, Sundaram V, Sundaram N *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35537807>
 62. **[Impact of the COVID-19 on health of critical patient].** Rehabilitacion (Madr) 2022; Pinedo Otaola S, Sanmartín Cuevas V, Fernández Fernández de Leceta Z *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35545484>

63. **Spontaneous tension hemothorax in a severe COVID-19 patient receiving ECMO therapy: The other side of COVID-19-associated coagulopathy.** Respir Med Case Rep 2022; 37:101663Thammavaranucupt K, Tassaneyasin T, Theerawit P *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35559365>
64. **[Nosocomial outbreak of COVID-19 in an internal medicine ward: probable airborne transmission].** Rev Clin Esp 2022; Andrés M, García MC, Fajardo A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35541500>
65. **COVID-19 infection among patients with autoinflammatory diseases: a study on 117 French patients compared with 1545 from the French RMD COVID-19 cohort: COVIMAI - the French cohort study of SARS-CoV-2 infection in patient with systemic autoinflammatory diseases.** RMD Open 2022; 8Bourguiba R, Kyheng M, Koné-Paut I *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35537796>
66. **Thrombosis, cancer, and COVID-19.** Support. Care Cancer 2022;1-10Brito-Dellán N, Tsoukalas N, Font C. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35567609>
67. **Repair of acute respiratory distress syndrome by stromal cell administration (REALIST): a structured study protocol for an open-label dose-escalation phase 1 trial followed by a randomised, triple-blind, allocation concealed, placebo-controlled phase 2 trial.** Trials 2022; 23:401Gorman E, Shankar-Hari M, Hopkins P *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35562778>
68. **Dynamics of dengue and SARS-COV-2 co-infection in an endemic area of Colombia.** Trop Dis Travel Med Vaccines 2022; 8:12Acosta-Pérez T, Rodríguez-Yáñez T, Almanza-Hurtado A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35568905>
69. **Palliative care for patients over 80 years old with COVID-19 pneumonia on the intensive care unit—Is invasive ventilation effective?** Wien. Med. Wochenschr. 2022; 172:189-194Vohla D.

Cured – Recovered (18 articles)

1. **Neuropsychiatric symptoms in post-COVID-19 long haulers.** Acta Neuropsychiatr. 2022;1-12Alghamdi HY, Alrashed AM, Jawhari AM, Abdel-Moneim AS. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35543105>
2. **Incidental findings on a Tc99m-SESTAMIBI parathyroid scan post COVID-19 vaccination.** Am. J. Nucl. Med. Mol. Imaging 2022; 12:71-73Muhleman MA, Oldan JD, Khandani AH. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35535123>
3. **[Reinfection by SARS-CoV-2 in a child with history of multisystem inflammatory syndrome: a case report].** Arch. Argent. Pediatr. 2022; 120:e147-e150Yori SC, Agrimbau Vázquez J, Berberian G *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35533129>
4. **Predictors of Post-Acute Sequelae of COVID-19 Development and Rehabilitation: A Retrospective Study.** Arch. Phys. Med. Rehabil. 2022; Abdelwahab N, Ingraham NE, Nguyen N *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35569640>
5. **Cryptococcus laurentii endogenous endophthalmitis post COVID-19 infection.** BMJ Case Rep. 2022; 15Deepa MJ, Megharaj C, Patil S, Rani PK. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35545307>
6. **After illness from COVID-19, visits to the general practitioner become more frequent.** Deutsche Medizinische Wochenschrift 2022; 147:443-444Franke K.

7. **Post-COVID Condition in Adults and Children Living in the Same Household in Italy: A Prospective Cohort Study Using the ISARIC Global Follow-Up Protocol.** *Front Pediatr* 2022; 10:834875 Buonsenso D, Munblit D, Pazukhina E *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35529336>
8. **Case Report: Generalised Panniculitis as a Post-COVID-19 Presentation in Aicardi-Goutières Syndrome Treated With Ruxolitinib.** *Front Pediatr* 2022; 10:837568 Pararajasingam A, Bradley RE, Evans J *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35547545>
9. **HMGB1 in Pediatric COVID-19 Infection and MIS-C: A Pilot Study.** *Front Pediatr* 2022; 10:868269 Petrarca L, Manganelli V, Nenna R *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35558368>
10. **Respiratory muscle dysfunction in long-COVID patients.** *Infection* 2022; 1-7 Hennigs JK, Huwe M, Hennigs A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35570238>
11. **The Relationship between Physical Activity and Long COVID: A Cross-Sectional Study.** *Int J Environ Res Public Health* 2022; 19 Wright J, Astill SL, Sivan M. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564488>
12. **Long COVID - One Year On.** *J. Insur. Med.* 2022; Meagher T. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35561352>
13. **Adults hospitalized with breakthrough COVID-19 have lower mortality than matched unvaccinated adults.** *J Intern Med* 2022; Myers LC, Kipnis P, Greene J *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35531712>
14. **Exploring trajectory recovery curves of post-COVID cognitive symptoms in previously hospitalized COVID-19 survivors: the LONG-COVID-EXP-CM multicenter study.** *J. Neurol.* 2022; 1-5 Fernández-de-Las-Peñas C, Martín-Guerrero JD, Cancela-Cilleruelo I *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35538169>
15. **The Pathophysiology of Long COVID throughout the Renin-Angiotensin System.** *Molecules* 2022; 27 Khazaal S, Harb J, Rima M *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35566253>
16. **Long COVID?** *Monatsschr. Kinderheilkd.* 2022; 170:490-492 Kerbl R.
17. **Health impact on the elderly survivors of COVID-19: Six months follow up.** *Rev Esp Geriatr Gerontol* 2022; Carrillo-Garcia P, Garmendia-Prieto B, Cristofori G *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35550718>
18. **The Effects of the COVID-19 Pandemic on Penetrating Neurotrauma at a Level 1 Trauma Center.** *World Neurosurg.* 2022; Yang GL, Johnson MD, Solomon D *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35552030>

Cardiovascular disease (44 articles)

1. **Clinical update on COVID-19 for the emergency clinician: Cardiac arrest in the out-of-hospital and in-hospital settings.** *Am J Emerg Med* 2022; 57:114-123 Brady WJ, Chavez S, Gottlieb M *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35561501>
2. **Synthetic cannabinoids and ST elevation myocardial infarction: A case report and systematic review of the literature.** *Am. J. Med. Sci.* 2022; Jafry AH, LaGrow A, Akhtar KH *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35545143>
3. **Transient but recurrent complete heart block in a patient after COVID-19 vaccination - A case report.** *Ann Med Surg (Lond)* 2022; 78:103694 Etienne H, Charles P, Pierre T. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35530368>

4. **Acute hepatitis with portal and mesenteric vein thrombosis revealing SARS-CoV-2 infection: Case report and literature review.** Ann Med Surg (Lond). 2022; 77:103706 Harouachi A, Bouhout T, Hadj Kacem H *et al*.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35531429>
5. **A case of myopericarditis following administration of the Pfizer COVID-19 vaccine.** Arch Clin Cases. 2022; 9:1-5 Morton Z, Green D, Grisham M.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35529098>
6. **Stroke Recovery During the COVID-19 Pandemic: A Position Paper on Recommendations for Rehabilitation.** Arch. Phys. Med. Rehabil. 2022; Burns SP, Fleming TK, Webb SS *et al*. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35533736>
7. **Soluble ACE2 and angiotensin II levels are modulated in hypertensive COVID-19 patients treated with different antihypertension drugs.** Blood Press. 2022; 31:80-90 AE, H TZ, R AA *et al*. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35548940>
8. **Venous thromboembolism in COVID-19 patients and prediction model: a multicenter cohort study.** BMC Infect. Dis. 2022; 22:462 Lee Y, Jehangir Q, Li P *et al*. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35562677>
9. **Management of a severe bilateral pulmonary embolism as a complication of VITT following vaccination with AstraZeneca COVID-19 vaccine.** BMJ Case Rep. 2022; 15 Elkoumy M, Schoen J, Loew A. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35545306>
10. **A retrospective analysis of incidence and severity of COVID-19 among hypertensive patients: the other side.** Clin. Exp. Hypertens. 2022; 44:459-463 Oblitas CM, Torres-Do-Rego A, García AG *et al*.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35531889>
11. **Association between hypertension and prognosis of patients with COVID-19: A systematic review and meta-analysis.** Clin. Exp. Hypertens. 2022; 44:451-458 Qian Z, Li Z, Peng J *et al*. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35531646>
12. **Remote Imaging Capture with Widefield Swept-Source OCT Angiography During the COVID-19 Pandemic.** Clin. Ophthalmol. 2022; 16:477-486 Garg I, Katz R, Lu Y, Miller JB. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35557997>
13. **Collateral effect of the COVID-19 pandemic on cardiology service provision and cardiovascular mortality in a population-based study: COVID-COR-LT.** Clin Res Cardiol 2022; 1-17 Čelutkienė J, Čerlinskaitė-Bajorė K, Bajoras V *et al*.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35552504>
14. **Heart transplant recipient 1-year outcomes during the COVID-19 pandemic.** Clin. Transplant. 2022; e14697 Esmailian G, Patel N, Patel JK *et al*.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35543382>
15. **Left Ventricular Global Longitudinal Strain in Patients With COVID-19 Infection.** Cureus 2022; 14:e23986 Bhatti H, Cordova Sanchez A, Dhungana R *et al*.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35547403>
16. **New-Onset Atrial Fibrillation in COVID-19 Infection: A Case Report and Review of Literature.** Cureus 2022; 14:e23912 Shah D, Umar Z, Ilyas U *et al*.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35530910>
17. **In-stent thrombosis and COVID-19 infection: Current insights on the mechanistic relationship.** Curr. Cardiol. Rev. 2022; El-Medany A, Kandoole V, Lonsdale N *et al*. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35549872>
18. **Dynamics of Emergency Cardiovascular Hospital Admissions and In-Hospital Mortality During the COVID-19 Pandemic: Time Series Analysis and Impact of**

- Socioeconomic Factors.** *Front Cardiovasc Med* 2022; 9:827212Álvarez-Martin C, Ribera A, Marsal JR *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35557541>
19. **Smoking in Patients With Chronic Cardiovascular Disease During COVID-19 Lockdown.** *Front Cardiovasc Med* 2022; 9:845439Chagué F, Boulin M, Eicher JC *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35557527>
 20. **Nationwide Initiation of Cardiovascular Risk Treatments During the COVID-19 Pandemic in France: Women on a Slippery Slope?** *Front Cardiovasc Med* 2022; 9:856689Gabet A, Grave C, Tuppin P *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35548431>
 21. **Quantifying the Excess Risk of Adverse COVID-19 Outcomes in Unvaccinated Individuals With Diabetes Mellitus, Hypertension, Ischaemic Heart Disease or Myocardial Injury: A Meta-Analysis.** *Front Cardiovasc Med* 2022; 9:871151Ng SM, Pan J, Mouyis K *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35557537>
 22. **Acute Fulminant Myocarditis After ChAdOx1 nCoV-19 Vaccine: A Case Report and Literature Review.** *Front Cardiovasc Med* 2022; 9:856991Wu CT, Chin SC, Chu PH. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35528839>
 23. **Impact of Coronavirus Disease 2019 Pandemic on Pediatric Out-of-Hospital Cardiac Arrest in the Emergency Department.** *Front Pediatr* 2022; 10:846410Chen CY, Lee EP, Chang YJ *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35547546>
 24. **Manifestations and Mechanism of SARS-CoV2 Mediated Cardiac Injury.** *Int J Biol Sci* 2022; 18:2703-2713Xu SC, Wu W, Zhang SY. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35541905>
 25. **Review on Cardiorespiratory Complications after SARS-CoV-2 Infection in Young Adult Healthy Athletes.** *Int J Environ Res Public Health* 2022; 19Romagnoli S, Sbrolini A, Marcantoni I *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35565074>
 26. **Shared Inflammatory Pathology of Stroke and COVID-19.** *Int J Mol Sci* 2022; 23Sánchez KE, Rosenberg GA. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35563537>
 27. **Dual antiplatelet use in the management of COVID-19 associated acute ischemic stroke reocclusion.** *Interv. Neuroradiol.* 2022;15910199221097484Feler J, Chuck C, Anderson M *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35549746>
 28. **Association between the Right Ventricular Longitudinal Shortening Fraction and Mortality in Acute Respiratory Distress Syndrome Related to COVID-19 Infection: A Prospective Study.** *J Clin Med* 2022; 11Beyls C, Daumin C, Hermida A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35566751>
 29. **Aneurysmal Subarachnoid Hemorrhage during the Shutdown for COVID-19.** *J Clin Med* 2022; 11Güresir E, Gräff I, Seidel M *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35566681>
 30. **Sartans and ACE Inhibitors: Mortality in Patients Hospitalized with COVID-19. Retrospective Study in Patients on Long-Term Treatment Who Died in the Italian Hospitals of Area Vasta n.5-Marche Region.** *J Clin Med* 2022; 11Mazzoni T, Maraia Z, Ruggeri B *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35566706>
 31. **Insights into the Role of Neutrophils and Neutrophil Extracellular Traps in Causing Cardiovascular Complications in Patients with COVID-19: A Systematic Review.** *J Clin Med* 2022; 11Nappi F, Bellomo F, Avtaar Singh SS. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35566589>

32. **Acute Pulmonary Artery Thrombosis despite Anticoagulation in Patients with COVID-19 Pneumonia: A Single-Center Retrospective Cohort Study.** J Clin Med 2022; 11Niculae CM, Anghel AM, Militaru ED *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35566758>
33. **Prognostic Value of 12-Leads Electrocardiogram at Emergency Department in Hospitalized Patients with Coronavirus Disease-19.** J Clin Med 2022; 11Savelloni G, Gatto MC, Cancelli F *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35566664>
34. **A case of severe COVID-19 with pulmonary thromboembolism related to heparin-induced thrombocytopenia during prophylactic anticoagulation therapy.** J Infect Chemother 2022; 28:1208-1211Sasaki K, Murata M, Nakamura K *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35570112>
35. **Screening for asymptomatic deep vein thrombosis in COVID-19 patients admitted to the medical ward: a cross-sectional study.** J Ultrasound 2022;1-6Olgers TJ, Lieveld AWE, Kok B *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35567703>
36. **Plasma Proteomics of COVID-19-Associated Cardiovascular Complications: Implications for Pathophysiology and Therapeutics.** JACC Basic Transl Sci 2022; 7:425-441Roh JD, Kitchen RR, Guseh JS *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35530264>
37. **Epidemiology, management, and outcomes of atrial fibrillation among 30 million citizens in Shanghai, China from 2015 to 2020: A medical insurance database study.** Lancet Reg Health West Pac 2022; 23:100470Chen M, Li C, Liao P *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35542895>
38. **Chronic use of renin-angiotensin-aldosterone inhibitors in hypertensive COVID-19 patients: Results from a Spanish registry and meta-analysis.** Med Clin (Engl Ed) 2022; 158:315-323Aparisi Á, Catalá P, Amat-Santos IJ *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35531305>
39. **Cerebral Venous Thrombosis in COVID-19.** Neurol. India 2022; 70:652-659Benny R, Singh RK, Venkitachalam A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35532634>
40. **Large Vessel Occlusions By Free Floating Thrombi in Strokes During the COVID-19 pandemic- A Single Center Observational Study.** Neurol. India 2022; 70:623-632Panda S, Tiwari S, Pamnani J *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35532630>
41. **Vaccine-induced immune thrombotic thrombocytopenia in a male after Ad26.COV2.S vaccination presenting as cerebral venous sinus thrombosis.** Platelets 2022; 33:797-800Wu JF, Bajwa U, Hammad M. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35535430>
42. **Year in Review 2021: Noteworthy Literature in Cardiothoracic Critical Care.** Semin. Cardiothorac. Vasc. Anesth. 2022; 26:120-128Gilliland S, Alber S, Tregear H *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35533191>
43. **Perspective: The Case for Acute Large Vessel Ischemic Stroke in COVID-19 Originating Within Thrombosed Pulmonary Venules.** Stroke 2022;101161strokeaha121038056Meaney JFM, O'Donnell JS, Bridgewood C *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35543127>
44. **Comparison of deep vein thrombosis risks in acute respiratory distress syndrome caused by COVID-19 and bacterial pneumonia: a retrospective**

cohort study. Thromb J 2022; 20:27Cui N, Jiang C, Yang C *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35538488>

Diagnosis (5 articles)

1. **Clinical prediction models for diagnosis of COVID-19 among adult patients: a validation and agreement study.** BMC Infect. Dis. 2022; 22:464Dardenne N, Locquet M, Diep AN *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35568825>
2. **SARS-CoV-2 and Influenza A virus: Dual diagnostics and vaccines.** Int J Surg 2022; 102:106653Saied AA, Dhawan M, Priyanka, Choudhary OP. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35568309>
3. **Predictive value of clinical symptoms for COVID-19 diagnosis in young adults.** J. Am. Coll. Health 2022;1-4Kunkel D, Stuenkel M, Sivaraj LB *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35549824>
4. **Comparative Diagnostic Accuracy of the STANDARD M10 Assay for the Molecular Diagnosis of SARS-CoV-2 in the Point-of-Care and Critical Care Settings.** J Clin Med 2022; 11Domnich A, Orsi A, Trombetta CS *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35566591>
5. **COVID-19 death: A novel method of improving its identification when a patient has multiple diagnoses.** S Afr J Infect Dis 2022; 37:349Ngene NC, Moodley J. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35546960>

DM-MS-Obesity (9 articles)

1. **Emergency department accesses for diabetes-related complications during COVID-19 pandemic in people with type 2 diabetes and depression.** Acta Diabetol 2022;1-3Messina R, Iommi M, Rucci P *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35525884>
2. **Monitoring of type 2 diabetic patients during the 'Covid 19' pandemic by teleconsultation.** Ann Med Surg (Lond) 2022; 78:103689Elmehraoui O, Berrabeh S, Messaoudi N *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35505685>
3. **Should we expect a wave of type 1 diabetes following SARS-CoV-2 pandemic?** Diabetes Metab Res Rev 2022; 38:e3529Montefusco L, Bolla AM, Fiorina P. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35500157>
4. **Effects of the COVID-19 pandemic on the outcome and mortality of patients with diabetic foot ulcer.** Int. Wound J. 2022; Rubin G, Feldman G, Dimri I *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35510659>
5. **Symptoms and Glycemic Control in Young People with Type 1 Diabetes following SARS-CoV-2 Infection: an Observational Study.** J. Clin. Endocrinol. Metab. 2022; Nimri R, Marianna R, Yackobovitch-Gavan M *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35524727>
6. **Diabetes mellitus and other underlying conditions in patients with coronavirus disease 2019 associated rhino-orbito-cerebral mucormycosis: a systematic review and meta-analysis.** J. Laryngol. Otol. 2022;1-11Zobairy H, Salem MM, Ghajarzadeh M *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35514092>
7. **The impact of obesity and dyslipidemia on Remdesivir effectiveness in hospitalized patients with SARS-CoV-2-related pneumonia: An observational study.** Nutr. Metab. Cardiovasc. Dis. 2022; 32:1635-1641Tumminia A, Romano R, Brugaletta G *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35508458>

8. **Impact of the COVID-19 Pandemic on Metabolic and Bariatric Surgery Utilization and Safety in the United States.** *Obes. Surg.* 2022;1-10Messiah SE, Xie L, Mathew MS *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35499637>
9. **Obesity is a risk factor for decrease in lung function after COVID-19 infection in children with asthma.** *Pediatr Pulmonol* 2022; Soyak Aytekin E, Sahiner UM, Tuten Dal S *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35502514>

Education and training and science (57 articles)

1. **Stress, and coping strategy of university students during COVID-19 in Korea: The mediating role of ego-resiliency.** *Acta Psychol. (Amst.)* 2022; 227:103615Park YH, Kim IH, Jeong YW. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35569204>
2. **Expanding a Regional Sickle Cell Disease Project ECHO(®) to Rapidly Disseminate COVID-19 Education.** *Adv Med Educ Pract* 2022; 13:443-447Shook LM, Farrell CB, Mosley C. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35547869>
3. **Strategies adopted by undergraduate teaching assistants in physiology and biophysics education during the COVID-19 pandemic.** *Adv. Physiol. Educ.* 2022; 46:351-357Gonçalves-Manso DS, Rodrigues MP, Secio-Silva A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35549509>
4. **A practical guide for translating in-person simulation curriculum to telesimulation.** *Adv Simul (Lond)* 2022; 7:14Cruz-Panesso I, Perron R, Chabot V *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35551653>
5. **Impact of the COVID-19 Pandemic on Primate Research and Conservation.** *Animals (Basel)* 2022; 12Reuter KE, Andriantsaralaza S, Hansen MF *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35565640>
6. **Responding to a school SARS-CoV-2 outbreak: Insights and policy implications emerging from the pandemic.** *Ann. Ig.* 2022; Marrero MC, Bonfini Petraccone J, Guida S *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35532051>
7. **Implementing and evaluating online advance care planning training in UK nursing homes during COVID-19: findings from the Necessary Discussions multi-site case study project.** *BMC Geriatr.* 2022; 22:419Cousins E, Preston N, Doherty J *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35562712>
8. **Blended teaching of medical ethics during COVID-19: practice and reflection.** *BMC Med. Educ.* 2022; 22:361Chen M, Ye L, Weng Y. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35545784>
9. **Remote online global health education among U.S. medical students during COVID-19 and beyond.** *BMC Med. Educ.* 2022; 22:353Moschovis PP, Dinesh A, Boguraev AS, Nelson BD. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35538485>
10. **Digital science platform: an interactive web application and database of osteological material for anatomy education.** *BMC Med. Educ.* 2022; 22:362Regulski P, Tomczyk J, Białowarczuk M *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35550120>
11. **The role of primary care in informing and supporting people with limited health literacy in the Netherlands during the COVID-19 pandemic: a qualitative interview study.** *BMC Prim Care* 2022; 23:115Knottnerus B, Heijmans M, Rademakers J. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35546226>
12. **NIH funding of COVID-19 research in 2020: a cross-sectional study.** *BMJ Open* 2022; 12:e059041Balaguru L, Dun C, Meyer A *et al.*

- <http://www.ncbi.nlm.nih.gov/pubmed/?term=35545399>
13. **The CLASS Study (Circadian Light in Adolescence, Sleep and School): protocol for a prospective, longitudinal cohort to assess sleep, light, circadian timing and academic performance in adolescence.** BMJ Open 2022; 12:e055716Stone JE, Wiley J, Chachos E *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35537785>
 14. **Subjective wellbeing and emotion regulation strategies: How are they associated with student engagement in online learning during Covid-19?** Br. J. Educ. Psychol. 2022; Zhoc KCH, Cai Y, Yeung SS, Shan J.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35567326>
 15. **Immersive In-Person Field Courses during the Pandemic: Minimizing Risk while Maximizing Efficacy.** Bull Ecol Soc Am 2022:e01984McLaughlin J.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35541694>
 16. **School health promotion in pandemic times. Results of the COVID-HL school principal study.** Bundesgesundheitsblatt, Gesundheitsforschung, Gesundheitsschutz 2022; Dadaczynski K, Okan O, Messer M.
 17. **Implementation of a distance learning hand eczema prevention program for healthcare workers during the COVID-19 pandemic.** Contact Dermatitis 2022; Gallo R, Guarneri F, Gasparini G *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35538621>
 18. **Anesthesiology Articles Published in 2020: A Review and Characterization of COVID-19 Versus Non-COVID-19 Publications in Top Anesthesiology Journals.** Cureus 2022; 14:e23943Egbaria JK, Kofskey AM, Boyd CJ, Wagener B.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35547422>
 19. **Sustainable impact of COVID-19 on education projects: aspects of naturalism.** Environ. Sci. Pollut. Res. Int. 2022;1-18Pu S, Ali Turi J, Bo W *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35567688>
 20. **Effects of the COVID-19 Pandemic on Chinese Graduate Students' Learning Activities: A Latent Class Analysis.** Front. Psychol. 2022; 13:877106Wang J, Liang Z, Zhang M *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35558727>
 21. **Improving the Behavioral Intention of Continuous Online Learning Among Learners in Higher Education During COVID-19.** Front. Psychol. 2022; 13:857709Xu W, Shen ZY, Lin SJ, Chen JC. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35558726>
 22. **Digitally Savvy at the Home Office: Computer Skills of Older Workers During the COVID-19 Pandemic Across Europe.** Front Sociol 2022; 7:858052König R, Seifert A. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35557508>
 23. **Developing a Rapid Response Single IRB Model for Conducting Research During a Public Health Emergency.** Health Secur 2022; 20:S60-s70Lowe AE, Kraft C, Kortepeter MG *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35544310>
 24. **Implementation of Covid-19 protection protocols and its implication on learning & teaching in public schools.** Heliyon 2022; 8:e09362Ahmed A, Sintayehu B. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35529702>
 25. **Swedish Pupils' Perspectives on Emergency Remote Teaching during COVID-19 - A Qualitative Study.** Int J Educ Res Open 2022; 3:100167Ringer N, Kreitz-Sandberg S. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35541761>
 26. **Connecting Roma Communities in COVID-19 Times: The First Roma Women Students' Gathering Held Online.** Int J Environ Res Public Health 2022; 19Aiello

- E, Khalfaoui A, Torrens X, Flecha R. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564919>
27. **Academic Teachers about Their Productivity and a Sense of Well-Being in the Current COVID-19 Epidemic.** *Int J Environ Res Public Health* 2022; 19Bartkowiak G, Krugielka A, Dama S *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564364>
 28. **Social Determinants of Health and Distance Learning in Italy in the Era of the SARS-CoV-2 Pandemic.** *Int J Environ Res Public Health* 2022; 19Dondi A, Lenzi J, Candela E *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35565136>
 29. **Disparities in COVID-19 Information Sources and Knowledge in South Korea.** *Int J Environ Res Public Health* 2022; 19Jang SH. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564592>
 30. **Factors Affecting Preventive Health Behaviors against COVID-19 in Nursing Students: A Cross-Sectional Study.** *Int J Environ Res Public Health* 2022; 19Jung YM, Kim NY. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564890>
 31. **How Much Burnout and Coping Influence Quality of Life among Young Oncology Providers in Romania during the COVID-19 Pandemic.** *Int J Environ Res Public Health* 2022; 19Lungulescu CV, Turcu-Stiolica A, Lungulescu C *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564906>
 32. **Impact of the COVID-19 Pandemic on Clinical Supervision of Healthcare Students in Rural Settings: A Qualitative Study.** *Int J Environ Res Public Health* 2022; 19Martin P, Lizarondo L, Argus G *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564949>
 33. **Social Responsibility: Sustainable Development Goals and COVID-19-Perception Scale of Students from Higher Education Institutions.** *Int J Environ Res Public Health* 2022; 19Severino-González P, Gallardo-Vázquez D, Ortuya-Poblete C *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564720>
 34. **Burnout and Online Medical Education: Romanian Students in Lockdown and Their Residency Choices.** *Int J Environ Res Public Health* 2022; 19Silistraru I, Olariu O, Ciubara A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564841>
 35. **Social Media Use in E-Learning amid COVID 19 Pandemic: Indian Students' Perspective.** *Int J Environ Res Public Health* 2022; 19Sobaih AEE, Palla IA, Baquee A. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564771>
 36. **Challenges faced by university students during the COVID-19: An international study in five countries during the early phase of the pandemic.** *Int. J. Psychol.* 2022; Pat-Horenczyk R, Schiff M, Arënliu A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35567307>
 37. **Protective and risk social dimensions of emergency remote teaching during COVID-19 pandemic: A multiple mediation study.** *J. Community Psychol.* 2022; Procentese F, Gatti F, Ceglie E. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35551675>
 38. **Managing the unexpected: Stressors and solutions for challenges experienced by RN-BSN students during an unprecedented global pandemic.** *J. Prof. Nurs.* 2022; 40:48-56Hrelic DA, Anderson JG. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35568459>
 39. **Preparing BSN students for a new workplace: Experiences in a COVID-19 designated unit as an RN extender.** *J. Prof. Nurs.* 2022; 40:28-33Richard PL, Starnes-Ott K, Watson-Campbell R *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35568455>

40. **Perceptions of distance learning among Al-Qunfudhah medical students during the COVID-19 pandemic.** J Taibah Univ Med Sci 2022; 17:516-522 Alkalash SH, Alabdali JA, Aldabli AO *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35528233>
41. **School Engagement in Times of Confinement: A Stress Process Approach.** J. Youth Adolesc. 2022; 51:1257-1272 Núñez-Regueiro F, Jamain L, Laurent-Chevalier M, Nakhili N. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35553321>
42. **Health Literacy, Equity, and Communication in the COVID-19 Era of Misinformation: Emergence of Health Information Professionals in Infodemic Management.** JMIR Infodemiology 2022; 2:e35014 Kyabaggu R, Marshall D, Ebuwei P, Ikenyei U. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35529308>
43. **Propensity-matched comparisons of factors negatively affecting research activities during the COVID-19 pandemic between nursing researchers working in academic and clinical settings in Japan.** Jpn. J. Nurs. Sci. 2022:e12491 Inoue M, Tohira H, Yoshinaga N, Matsubara M. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35567334>
44. **Experience of the Egyptian Physical Therapy Educators on the Online Teaching During COVID-19 Outbreak 2021.** Med. Educ. Online 2022; 27:2073861 El-Sobkey SB. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35549657>
45. **The changing paradigm of research delivery during a pandemic - a reflective account.** Nurse Res. 2022; 30:12-17 Whitehouse CL, Harris C, Charlton P, Hare N. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35545928>
46. **Online options for future conferences will have an important positive impact for Early Career Researchers in pediatric pain.** Paediatr Neonatal Pain 2021; 3:9-11 Hartley C. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35548849>
47. **ECMO simulation training during a worldwide pandemic: The role of ECMO telesimulation.** Perfusion 2022:2676591221093868 Wong AS, Marwali EM, Maclaren G *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35543363>
48. **Radiotherapy treatment interruptions during the Covid-19 pandemic: The UK experience and implications for radiobiology training.** Radiat. Phys. Chem. Oxf. Engl. 1993 2022:110214 Dale RG, Jones B. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35540029>
49. **COVID-19 fosters social accountability in medical education.** Rural Remote Health 2022; 22:6998 Murray R, Cristobal F, Shrestha S *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35538625>
50. **A Graphic Transformation: A Qualitative Study of Transformative Learning in Medical Trainees during COVID-19 Using Comics as Data Presentation.** Teach. Learn. Med. 2022:1-16 Vipler B, Green M, McCall-Hosenfeld J *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35567316>
51. **Readability of COVID-19 vaccine information for the general public.** Vaccine 2022; 40:3466-3469 Bothun LS, Feeder SE, Poland GA. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35534313>
52. **When home becomes classroom: The shifting roles of Korean immigrant mothers in the management of children's education during COVID-19 in the US.** Womens Stud. Int. Forum 2022; 92:102598 Jung G, Yim SS, Jang SH. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35528390>
53. **COVID-19 pandemic-related anxiety, stress, and depression among teachers: A systematic review and meta-analysis.** Work 2022; Ma K, Liang L, Chutiyami M *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35527618>

54. **Children, care time, career priority -What matters for junior scientists' productivity and career perspective during the COVID-19 pandemic?** Work 2022; Muschalla B, Sondhof A, Wrobel U. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35527612>
55. **Correlation between stress and lifestyle in teachers at some schools in Lima, Peru, during telework in 2020.** Work 2022; Quiñones-Laveriano DM, Cervera-Ocaña MS, Porro-Díaz LV *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35527611>
56. **[Joint interpretation work in qualitative health research in times of "physical distancing"].** Z Evid Fortbild Qual Gesundhwes 2022; Hörold M, Piel J, Drewitz KP *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35570090>
57. **Group Mentoring in Times of COVID-19: Opportunities and Challenges in Specialist Training-an Evaluation of Mentoring Sessions in Family Medicine.** Z Allgemeinmed. 2021; 97:420-424 Sonntag U, Schwär M, Winkler S *et al.*

Elderly (20 articles)

1. **Too old to save? COVID-19 and age-based allocation of lifesaving medical care.** Bioethics 2022; Jecker NS. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35533287>
2. **Laparoscopic cholecystectomy during the COVID-19 pandemic in a tertiary care hospital in Germany: higher rates of acute and gangrenous cholecystitis in elderly patients.** BMC Surg. 2022; 22:168 Rahimli M, Wex C, Wiesmueller F *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35538571>
3. **Antibody response of heterologous vs homologous mRNA vaccine boosters against the SARS-CoV-2 Omicron variant: interim results from the PRIBIVAC study, A Randomized Clinical Trial.** Clin Infect Dis 2022; Poh XY, Tan CW, Lee IR *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35543372>
4. **Population Mobility and Aging Accelerate the Transmission of Coronavirus Disease 2019 in the Deep South: A County-Level Longitudinal Analysis.** Clin Infect Dis 2022; 74:e1-e3 Zeng C, Zhang J, Li Z *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35568472>
5. **A Robot-Mediated Activity Using the Nao Robot to Promote COVID-19 Precautionary Measures among Older Adults in Geriatric Facilities.** Int J Environ Res Public Health 2022; 19Blavette L, Rigaud AS, Anzalone SM *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564615>
6. **The Impact of COVID-19 on the Health and Experience of the Carers of Older Family Members Living with Dementia: An Italian-Hungarian Comparative Study.** Int J Environ Res Public Health 2022; 19Kostyál L, Széman Z, Almási VE *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564723>
7. **Experiences of Disabled Older Adults in Tokyo's Adult Day Care Centers during COVID-19-A Case Study.** Int J Environ Res Public Health 2022; 19Naruse T, Hatsushi M, Kato J. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564750>
8. **Activities for Residents of Dutch Nursing Homes during the COVID-19 Pandemic: A Qualitative Study.** Int J Environ Res Public Health 2022; 19Smeitink MMP, Smaling HJA, van Tol LS *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564860>
9. **Frailty is associated with poor mental health 1 year after hospitalisation with COVID-19.** J. Affect. Disord. 2022; 310:377-383 Braude P, McCarthy K, Strawbridge

- R *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35568322>
10. **Cognitive and Functional Abilities in an Older Adult Veteran Before and After Contracting COVID-19.** J Alzheimers Dis Rep 2022; 6:115-120 Okolichany R, Padala PR, Mooney S. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35530116>
 11. **Mortality of Care Home Residents and Community-Dwelling Controls During the COVID-19 Pandemic in 2020: Matched Cohort Study.** J. Am. Med. Dir. Assoc. 2022; 23:923-929.e922 Gulliford MC, Prevost AT, Clegg A, Rezel-Potts E. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35561757>
 12. **Driving, Social Distancing, Protective, and Coping Behaviors of Older Adults Before and During COVID-19.** J. Appl. Gerontol. 2022:7334648221093851 Roe CM, Bayet S, Hicks J *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35543188>
 13. **Addressing the Experiences of Family Caregivers of Older Adults During the COVID-19 Pandemic in Finland.** J. Appl. Gerontol. 2022:7334648221095510 Savela RM, Välimäki T, Nykänen I *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35543183>
 14. **Humoral and T-Cell Response before and after a Fourth BNT162b2 Vaccine Dose in Adults ≥60 Years.** J Clin Med 2022; 11 Bar-Haim E, Eliakim-Raz N, Stemmer A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35566774>
 15. **Delivering a psychosocial program for older people living in retirement homes during the Covid-19 pandemic: A process evaluation and recommendations for community interventions.** J. Community Psychol. 2022; Jarvis MA, Pillay SR, Norton LM *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35562188>
 16. **Older adults mount less durable humoral responses to two doses of COVID-19 mRNA vaccine, but strong initial responses to a third dose.** J Infect Dis 2022; Mwimanzi F, Lapointe HR, Cheung PK *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35543278>
 17. **Modification in the Motor Skills of Seniors in Care Homes Using Serious Games and the Impact of COVID-19: Field Study.** JMIR Serious Games 2022; 10:e36768 Kleschnitzki JM, Grossmann I, Beyer R, Beyer L. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35536610>
 18. **Health impact on the elderly survivors of COVID-19: Six months follow up.** Rev Esp Geriatr Gerontol 2022; Carrillo-Garcia P, Garmendia-Prieto B, Cristofori G *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35550718>
 19. **Which factors are associated with COVID-19 infection incidence in care services for older people in Nordic countries? A cross-sectional survey.** Scand J Public Health 2022:14034948221085398 Rauhala AS, Fagerström LM, Lindholm AC *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35546571>
 20. **Palliative care for patients over 80 years old with COVID-19 pneumonia on the intensive care unit—Is invasive ventilation effective?** Wien. Med. Wochenschr. 2022; 172:189-194 Vohla D.

Epidemiology (60 articles)

1. **Predicting the Effects of Waning Vaccine Immunity Against COVID-19 through High-Resolution Agent-Based Modeling.** Adv Theory Simul 2022; 5:2100521 Truszkowska A, Zino L, Butail S *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35540703>
2. **Epidemiologic characteristics and differential management strategies of seven case series with COVID-19 outbreaks caused by asymptomatic carriers from**

- June 2020 to May 2021 in China.** *Am J Transl Res* 2022; 14:2244-2255Liu C, Xiang H, Manyande A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35559380>
3. **Responding to a school SARS-CoV-2 outbreak: Insights and policy implications emerging from the pandemic.** *Ann. Ig.* 2022; Marrero MC, Bonfini Petraccone J, Guida S *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35532051>
 4. **Artificial intelligence for forecasting and diagnosing COVID-19 pandemic: A focused review.** *Artif. Intell. Med.* 2022; 128:102286Comito C, Pizzuti C. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35534142>
 5. **The impact of non-pharmaceutical interventions on COVID-19 cases in South Australia and Victoria.** *Aust. N. Z. J. Public Health* 2022; Milazzo A, Giles L, Parent N *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35557482>
 6. **Known data on CoVid-19 infection linked to type-2 diabetes.** *Bioinformation* 2021; 17:772-775Vidhya Rekha U, Anita M, Bhumathan S, Sadhana K. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35540698>
 7. **Transmission risk of COVID-19 in high school and college water polo.** *BMC Infect. Dis.* 2022; 22:450Kreienkamp RJ, Kreienkamp CJ, Terrill C *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35546389>
 8. **Presymptomatic, asymptomatic and post-symptomatic transmission of SARS-CoV-2: joint British Infection Association (BIA), Healthcare Infection Society (HIS), Infection Prevention Society (IPS) and Royal College of Pathologists (RCPATH) guidance.** *BMC Infect. Dis.* 2022; 22:453Mugglestone MA, Ratnaraja NV, Bak A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35549902>
 9. **The impact of travelling on the COVID-19 infection cases in Germany.** *BMC Infect. Dis.* 2022; 22:455Schäfer M, Wijaya KP, Rockenfeller R, Götz T. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35549671>
 10. **Global prediction model for COVID-19 pandemic with the characteristics of the multiple peaks and local fluctuations.** *BMC Med. Res. Methodol.* 2022; 22:137Dai H, Cao W, Tong X *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35562672>
 11. **Experiences of risk in Australian hotel quarantine: a qualitative study.** *BMC Public Health* 2022; 22:953Haire B, Gilbert GL, Kaldor JM *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35549917>
 12. **Trends of COVID-19 incidence in Manitoba and public health measures: March 2020 to February 2022.** *BMC Res. Notes* 2022; 15:162Aboulatta L, Kowalec K, Delaney J *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35538498>
 13. **'Imperfect but useful': pandemic response in the Global South can benefit from greater use of mathematical modelling.** *BMJ Glob Health* 2022; 7Mandal S, Parchani K, Arinaminpathy N *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35545289>
 14. **Hospital-wide SARS-CoV-2 antibody screening of 4840 staff members in a University Medical Center in France: a cross-sectional study.** *BMJ Open* 2022; 12:e047010Pierson-Marchandise M, Castelain S, Chevalier C *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35545377>
 15. **Assessing personal exposure to COVID-19 transmission in public indoor spaces based on fine-grained trajectory data: A simulation study.** *Build. Environ.* 2022; 218:109153Chen P, Zhang D, Liu J, Jian IY. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35531051>
 16. **Testing and Isolation Efficacy: Insights from a Simple Epidemic Model.** *Bull Math Biol* 2022; 84:66Gharouni A, Abdelmalek FM, Earn DJD *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35551507>

17. **Population Mobility and Aging Accelerate the Transmission of Coronavirus Disease 2019 in the Deep South: A County-Level Longitudinal Analysis.** Clin Infect Dis 2022; 74:e1-e3Zeng C, Zhang J, Li Z *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35568472>
18. **COVID-19 Australia: Epidemiology Report 60: Reporting period ending 10 April 2022.** Commun Dis Intell (2018) 2022; 46. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35538650>
19. **Did the Tokyo Olympic Games enhance the transmission of COVID-19? An interpretation with machine learning.** Comput. Biol. Med. 2022; 146:105548Hirata A, Kodera S, Diao Y, Rashed EA. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35537221>
20. **A data-driven hybrid ensemble AI model for COVID-19 infection forecast using multiple neural networks and reinforced learning.** Comput. Biol. Med. 2022; 146:105560Jin W, Dong S, Yu C, Luo Q. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35551008>
21. **Decision-making framework for identifying regions vulnerable to transmission of COVID-19 pandemic.** Comput Ind Eng 2022; 169:108207Gupta R, Rathore B, Srivastava A, Biswas B. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35529174>
22. **Implementing expanded COVID-19 testing in Massachusetts community health centers through community partnerships: Protocol for an interrupted time series and stepped wedge study design.** Contemp Clin Trials 2022; 118:106783Kruse GR, Pelton-Cairns L, Taveras EM *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35533978>
23. **Parameter estimation of the COVID-19 transmission model using an improved quantum-behaved particle swarm optimization algorithm.** Digit Signal Process 2022; 127:103577Ma B, Qi J, Wu Y *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35529477>
24. **Epidemiological and clinical characteristics of patients with COVID-19 in Islamic Republic of Iran.** East Mediterr Health J 2022; 28:249-257Araban M, Karimy M, Koohestani H *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35545905>
25. **Forecasting the transmission trends of respiratory infectious diseases with an exposure-risk-based model at the microscopic level.** Environ. Res. 2022; 212:113428Cui Z, Cai M, Xiao Y *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35568232>
26. **Estimation of COVID-19 patient numbers using artificial neural networks based on air pollutant concentration levels.** Environ. Sci. Pollut. Res. Int. 2022; 1-11Keskin GA, Doğruparmak Ş, Ergün K. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35538344>
27. **Workplace exposures associated with COVID-19: evidence from a case-control study with multiple sampling periods in England, August-October 2020.** Epidemiol Infect 2022; 150:e99Hiironen I, Saavedra-Campos M, Panitz J *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35545421>
28. **Assessing the role of imported cases on the establishment of SARS-CoV-2 Delta variant of concern in Bolton, UK.** Epidemiol Infect 2022; 150:e100Shingleton J, Finnie T, Gent N, Bennett E.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35545847>
29. **Seroprevalence and risk factors of SARS-CoV-2 infection in an urban informal settlement in Nairobi, Kenya, December 2020.** F1000Res 2021; 10:853Munywoki

- PK, Nasimiyu C, Alando MD *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35528961>
30. **Identification and Analysis of SARS-CoV-2 Alpha Variants in the Largest Taiwan COVID-19 Outbreak in 2021.** *Front Med (Lausanne)* 2022; 9:869818Liu LT, Tsai JJ, Chang K *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35547225>
 31. **COVID-19 Contact Tracing Highlights Disparities: Household Size and Low-English Proficiency.** *Health Equity* 2022; 6:330-333Giglio ME, Pelton M, Yang AL *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35557552>
 32. **Socioeconomic status and COVID-19-related cases and fatalities in the world: A cross-sectional ecological study.** *Health Sci Rep* 2022; 5:e628Faramarzi A, Javan-Noughabi J, Mousavi SA *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35539445>
 33. **Explainability of the COVID-19 epidemiological model with nonnegative tensor factorization.** *Int J Data Sci Anal* 2022;1-14Balasubramaniam T, Warne DJ, Nayak R, Mengersen K. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35528806>
 34. **Lockdown Efficacy in Controlling the Spread of COVID-19 May Be Waning Due to Decline in Public Compliance, Especially among Unvaccinated Individuals: A Cross-Sectional Study in Israel.** *Int J Environ Res Public Health* 2022; 19Bodas M, Adini B, Jaffe E *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564341>
 35. **Evidence of the Relationship between Social Vulnerability and the Spread of COVID-19 in Urban Spaces.** *Int J Environ Res Public Health* 2022; 19Galacho-Jiménez FB, Carruana-Herrera D, Molina J, Ruiz-Sinoga JD. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564729>
 36. **Burden of COVID-19 Mortality and Morbidity in Poland in 2020.** *Int J Environ Res Public Health* 2022; 19Orlewska K, Koziół D, Klusek J, Orlewska E. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564825>
 37. **Machine Learning, Deep Learning, and Mathematical Models to Analyze Forecasting and Epidemiology of COVID-19: A Systematic Literature Review.** *Int J Environ Res Public Health* 2022; 19Saleem F, Al-Ghamdi ASA, Alassafi MO, AlGhamdi SA. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564493>
 38. **Correlation Analysis between Urban Elements and COVID-19 Transmission Using Social Media Data.** *Int J Environ Res Public Health* 2022; 19Wang R, Liu L, Wu H, Peng Z. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564606>
 39. **The role of children in household transmission of COVID-19: a systematic review and meta-analysis.** *Int J Infect Dis* 2022; 122:266-275Chen F, Tian Y, Zhang L, Shi Y. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35562045>
 40. **Down, set, spread: The association between college football and COVID-19.** *J. Am. Coll. Health* 2022;1-8Leal WE, Piquero AR, Dees W, Piquero NL. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35549820>
 41. **Mortality of Care Home Residents and Community-Dwelling Controls During the COVID-19 Pandemic in 2020: Matched Cohort Study.** *J. Am. Med. Dir. Assoc.* 2022; 23:923-929.e922Gulliford MC, Prevost AT, Clegg A, Rezel-Potts E. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35561757>
 42. **Low-Threshold Testing for SARS-CoV-2 (COVID-19) in Long-Term Care Facilities Early in the First Pandemic Wave, the Twente Region, the Netherlands: A Possible Factor in Reducing Morbidity and Mortality.** *J. Appl. Gerontol.* 2022;7334648221093050Geeraedts F, Luttje M, Visschedijk J *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35543170>

43. **SARS-CoV-2 Droplet and Airborne Transmission Heterogeneity.** J Clin Med 2022; 11:Baselga M, Güemes A, Alba JJ, Schuhmacher AJ.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35566733>
44. **Analysis of COVID-19 Spread in Tokyo through an Agent-Based Model with Data Assimilation.** J Clin Med 2022; 11:Sun C, Richard S, Miyoshi T, Tsuzu N.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35566527>
45. **COVID-19 and vulnerable populations.** J. Community Psychol. 2022; Lewis RK, Martin PP, Guzman BL. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35567541>
46. **Declining COVID-19 mortality risk ratios must be interpreted with caution.** J. Epidemiol. Community Health 2022; Zelner J, Narahariseti R.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35568395>
47. **High attack rate of SARS-CoV-2 B.1.1.529 among two-dose vaccinated populations in two indoor entertainment setting outbreaks.** J Infect Dis 2022; Liu B, Stepien S, Pye V *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35533079>
48. **Sideward contact tracing and the control of epidemics in large gatherings.** J R Soc Interface 2022; 19:20220048Mancastroppa M, Guizzo A, Castellano C *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35537473>
49. **Estimated Mask Use and Temporal Relationship to COVID-19 Epidemiology of Black Lives Matter Protests in 12 Cities.** J Racial Ethn Health Disparities 2022;1-12Quigley A, Nguyen PY, Stone H *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35543865>
50. **COVID-19 and the Sikh Community in the UK: A Qualitative Study.** J Relig Health 2022; 61:2302-2318Kaur G, Basra MK.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35567644>
51. **Travel-associated SARS-CoV-2 transmission documented with whole genome sequencing following a long-haul international flight.** J Travel Med 2022; Ngeh S, Vogt F, Sikazwe CT *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35532195>
52. **Learning transmission dynamics modelling of COVID-19 using comomodels.** Math. Biosci. 2022; 349:108824van der Vegt SA, Dai L, Bouros I *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35537550>
53. **Impact of optimal vaccination and social distancing on COVID-19 pandemic.** Math Comput Simul 2022; 200:285-314Saha S, Samanta G, Nieto JJ.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35531464>
54. **Who was at risk for COVID-19 late in the US pandemic? Insights from a population health machine learning model.** Med. Biol. Eng. Comput. 2022:1-11Adeoye EA, Rozenfeld Y, Beam J *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35538201>
55. **Molecular Epidemiology of SARS-CoV-2 by Sequencing.** Methods Mol. Biol. 2022; 2452:19-32Yan Y, Hu Q. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35554898>
56. **A linear dynamical perspective on epidemiology: interplay between early COVID-19 outbreak and human mobility.** Nonlinear Dyn 2022:1-20Mustavee S, Agarwal S, Enyioha C, Das S. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35540628>
57. **COVID-19 outbreak response at a nursing hospital in South Korea in the post-vaccination era, including an estimation of the effectiveness of the first shot of the Oxford-AstraZeneca COVID-19 vaccine (ChAdOx1-S).** Osong Public Health Res Perspect 2022; 13:114-122Kim C, Kang G, Kang SG, Lee H.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35538683>

58. **COVID-19 outbreak and risk factors for infection in a taekwondo gym in the Republic of Korea.** Osong Public Health Res Perspect 2022; 13:162-170 Shin SH, Park E, Kim S *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35538688>
59. **Trends in COVID-19: Incidence, mortality, and case fatality in Iraq.** Saudi Med. J. 2022; 43:500-507 Mawlood NA, Lafta RK. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35537730>
60. **Ten GIS-Based Solutions for Managing and Controlling COVID-19 Pandemic Outbreak.** SN Comput Sci 2022; 3:269 Samany NN, Liu H, Aghataher R, Bayat M. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35531569>

Gastro-enterology (15 articles)

1. **Acute hepatitis with portal and mesenteric vein thrombosis revealing SARS-CoV-2 infection: Case report and literature review.** Ann Med Surg (Lond) 2022; 77:103706 Harouachi A, Bouhout T, Hadj Kacem H *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35531429>
2. **Laparoscopic cholecystectomy during the COVID-19 pandemic in a tertiary care hospital in Germany: higher rates of acute and gangrenous cholecystitis in elderly patients.** BMC Surg 2022; 22:168 Rahimli M, Wex C, Wiesmueller F *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35538571>
3. **Effect of moderate-to-severe hepatic steatosis on neutralising antibody response among BNT162b2 and CoronaVac recipients.** Clin Mol Hepatol 2022; Cheung KS, Lam LK, Hui RWH *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35545127>
4. **Impact of COVID-19 in Pediatric Patients and Young Adults with Inflammatory Bowel Disease.** GE Port J Gastroenterol 2022; 20:1-6 Magalhães T, Granado MC, Manuel AR *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35527801>
5. **Secondary Sclerosing Cholangitis in a Critically Ill Patient with Severe SARS-CoV-2 Infection: A Possibly Emergent Entity during the Current Global Pandemic.** GE Port J Gastroenterol 2022; 27:1-6 Morão B, Revés JB, Nascimento C *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35528723>
6. **Alcohol Use of German Adults during Different Pandemic Phases: Repeated Cross-Sectional Analyses in the COVID-19 Snapshot Monitoring Study (COSMO).** Int J Environ Res Public Health 2022; 19 Koeger M, Schillok H, Voss S *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564883>
7. **Liver Injury in COVID-19 Patients with Drugs as Causatives: A Systematic Review of 996 DILI Cases Published 2020/2021 Based on RUCAM as Causality Assessment Method.** Int J Mol Sci 2022; 23 Teschke R, Méndez-Sánchez N, Eickhoff A. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35563242>
8. **COVID-19 Vaccination in Inflammatory Bowel Disease (IBD).** J Clin Med 2022; 11 Kubas A, Malecka-Wojcieszko E. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35566802>
9. **The COVID-19 Pandemic Is Associated with Reduced Survival after Pancreatic Ductal Adenocarcinoma Diagnosis: A Single-Centre Retrospective Analysis.** J Clin Med 2022; 11 Madge O, Brodey A, Bowen J *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35566700>
10. **The Effects of COVID-19 on Clinical Outcomes of Non-COVID-19 Patients Hospitalized for Upper Gastrointestinal Bleeding during the Pandemic.** J Clin Med 2022; 11 Pausawasdi N, Manomaiwong E, Kaosombatwattana U *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35566587>

11. **Fatal gastrointestinal bleeding associated with acute pancreatitis as a complication of Covid-19: a case report.** J. Int. Med. Res. 2022; 50:3000605221098179Mitrovic M, Tadic B, Jankovic A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35538708>
12. **Lethal hemorrhagic necrotizing pancreatitis in a child with congenital immunodeficiency and COVID-19.** J Pediatr Surg Case Rep 2022; 82:102289Zahradníková P, Jáger R, Pechanová R *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35529604>
13. **Cost-effectiveness analysis of an active search to retrieve HCV patients lost to follow-up (RELINK-C strategy) and the impact of COVID-19.** J. Viral Hepat. 2022; 29:579-583Vargas-Accarino E, Martínez-Camprecios J, Domínguez-Hernández R *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35555847>
14. **Endoscopy volumes and outcomes at a tertiary Melbourne centre during the 2020 COVID-19 lockdowns.** Med. J. Aust. 2022; Schneider D, Swan M, Hew S. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35545844>
15. **[Impact on the incidence of gastrointestinal perforation during the COVID-19 pandemic in the Costa del Sol healthcare system area].** Rev. Gastroenterol. Mex. 2022; Mudarra Vela M, Rivas Ruiz F, Atienza Carrasco J, Medina Cano FJ. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35528028>

Guidelines (6 articles)

1. **A practical guide for translating in-person simulation curriculum to telesimulation.** Adv Simul (Lond) 2022; 7:14Cruz-Panesso I, Perron R, Chabot V *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35551653>
2. **Stroke Recovery During the COVID-19 Pandemic: A Position Paper on Recommendations for Rehabilitation.** Arch. Phys. Med. Rehabil. 2022; Burns SP, Fleming TK, Webb SS *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35533736>
3. **[PRACTICAL GUIDELINE FOR THE MANAGEMENT OF ALLERGIC RINITIS UNDER COVID-19 INFECTION].** Arerugi 2022; 71:186-190Ohta N. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35569938>
4. **Proposal for development of a guideline in maintaining quality cancer care during and post-covid-19 in an upper middle-income country with universal health coverage.** J Cancer Policy 2021; 30:100300Teoh SP, Bustamam RS, Mustapha FI *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35559796>
5. **Practical guidelines for management of patients with suspected or confirmed COVID-19 hospitalized in a child and adolescent psychiatric ward.** Psychiatr. Pol. 2022; 56:115-122Herman A, Filip K, Wanke-Rytt M, Wolańczyk T. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35569152>
6. **Characteristics and conflicting recommendations of clinical practice guidelines for COVID-19 management in children: A scoping review.** Travel Med Infect Dis 2022; 48:102354Quincho-Lopez A, Chávez-Rimache L, Montes-Alvis J *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35537677>

Imaging (16 articles)

1. **Incidental findings on a Tc99m-SESTAMIBI parathyroid scan post COVID-19 vaccination.** Am. J. Nucl. Med. Mol. Imaging 2022; 12:71-73Muhleman MA, Oldan JD, Khandani AH. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35535123>

2. **C-COVIDNet: A CNN Model for COVID-19 Detection Using Image Processing.** *Arab J Sci Eng* 2022;1-12Rajawat N, Hada BS, Meghawat M *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35528505>
3. **A novel fusion based convolutional neural network approach for classification of COVID-19 from chest X-ray images.** *Biomed. Signal Process. Control* 2022; 77:103778Sharma A, Singh K, Koundal D. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35530169>
4. **DCML: Deep contrastive mutual learning for COVID-19 recognition.** *Biomed. Signal Process. Control* 2022; 77:103770Zhang H, Liang W, Li C *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35530170>
5. **Incubation period, clinical and lung CT features for early prediction of COVID-19 deterioration: development and internal verification of a risk model.** *BMC Pulm. Med.* 2022; 22:188Peng H, Hu C, Deng W *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35549897>
6. **Mortality estimation using APACHE and CT scores with stepwise linear regression method in COVID-19 intensive care unit: A retrospective study.** *Clin Imaging* 2022; 88:4-8Ayvat P, Kayhan Omeroglu S.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35533542>
7. **Axillary lymph node imaging in mRNA, vector-based, and mix-and-match COVID-19 vaccine recipients: ultrasound features.** *Eur Radiol* 2022;1-10Igual-Rouilleault AC, Soriano I, Elizalde A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35554651>
8. **Pocket-sized, wireless-Bluetooth ultrasound system to perform diagnostic and low-complexity interventional procedures in bedridden patients during the COVID-19 pandemic: from intensive care unit to domiciliary service?** *Eur Radiol Exp* 2022; 6:20Ossola C, Piacentino F, Fontana F *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35534781>
9. **D MDF-Net: Dual multiscale dilated fusion network for accurate segmentation of lesions related to COVID-19 in lung radiographic scans.** *Expert Syst Appl* 2022; 202:117360Owais M, Baek NR, Park KR.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35529253>
10. **Brain Imaging Changes in Patients Recovered From COVID-19: A Narrative Review.** *Front. Neurosci.* 2022; 16:855868Huang Y, Ling Q, Manyande A *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35527821>
11. **Overview of the retina and imaging in patients with severe acute respiratory syndrome coronavirus 2.** *Int. Ophthalmol.* 2022;1-10Abdolrahimzadeh S, Lodesani M, Rullo D *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35546380>
12. **Classifying COVID-19 and Viral Pneumonia Lung Infections through Deep Convolutional Neural Network Model using Chest X-Ray Images.** *J. Med. Phys.* 2022; 47:57-64Verma DK, Saxena G, Paraye A *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35548026>
13. **The impact of COVID-19 on Western Australian medical imaging clinical practice and workplace.** *J Med Radiat Sci* 2022; Dann C, Sun Z.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35555866>
14. **SSA-Net: Spatial self-attention network for COVID-19 pneumonia infection segmentation with semi-supervised few-shot learning.** *Med. Image Anal.* 2022; 79:102459Wang X, Yuan Y, Guo D *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35544999>

15. **Evaluating the role of transthoracic echocardiography in hospitalised patients with COVID-19 infection.** Open Heart 2022; 9Babu A, Meng Z, Eden N *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35534093>
16. **Review of Thoracic Imaging Manifestations of COVID-19 and Other Pathologic Coronaviruses.** Radiol. Clin. North Am. 2022; 60:359-369Singh AP, Finkelstein M, Chung M, Bernheim A. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35534124>

Immune response (51 articles)

1. **Aesthetic Reconstruction of Auricular Keloids with a Novel Hemi-keystone Flap.** Aesthetic Plast. Surg. 2022:1-7Park TH. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35552478>
2. **T-cell recovery and evidence of persistent immune activation 12 months after severe COVID-19.** Allergy 2022; Taeschler P, Adamo S, Deng Y *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35567391>
3. **SARS-CoV-2 mRNA Vaccine Antibody Response in Asthma Patients with Biologic Therapy after Second and Booster Dose: A Real-world Analysis.** Am J Respir Crit Care Med 2022; Liao SY, Gerber AN, Zelarney P *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35549647>
4. **Research on antibody changes and nucleic acid clearance in COVID-19 patients treated with convalescent plasma.** Am J Transl Res 2022; 14:2655-2667Duan L, Xie Y, Wang Q *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35559410>
5. **Identification of SARS-CoV-2 Neutralizing Antibody with Pseudotyped Virus-based Test on HEK-293T hACE2 Cells.** Bio Protoc 2022; 12:e4377Gillot C, Favresse J, Maloteau V *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35530524>
6. **Trained immunity in viral infections, Alzheimer's disease and multiple sclerosis: A convergence in type I interferon signalling and IFN β -1a.** Biochim Biophys Acta Mol Basis Dis 2022; 1868:166430Vavougios GD, Mavridis T, Artemiadis A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35550850>
7. **Clinical Considerations for Immunoparesis in Multiple Myeloma.** Cancers (Basel) 2022; 14Chahin M, Branham Z, Fox A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35565407>
8. **Variant-specific vaccination induces systems immune responses and potent in vivo protection against SARS-CoV-2.** Cell Rep Med 2022; 3:100634Peng L, Renauer PA, Ökten A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35561673>
9. **Three-month ad interim analysis of total anti-SARS-CoV-2 antibodies in healthy recipient of a single BNT162b2 vaccine booster.** Clin Chem Lab Med 2022; 60:e181-e183Salvagno GL, Henry BM, Pighi L *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35562102>
10. **SARS-CoV-2 infection versus vaccination in pregnancy: Implications for maternal and infant immunity.** Clin Infect Dis 2022; Conti MG, Terreri S, Terrin G *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35535796>
11. **Antibody response of heterologous vs homologous mRNA vaccine boosters against the SARS-CoV-2 Omicron variant: interim results from the PRIBIVAC study, A Randomized Clinical Trial.** Clin Infect Dis 2022; Poh XY, Tan CW, Lee IR *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35543372>
12. **Humoral Response to Third Dose of SARS-CoV-2 Vaccines in the CKD Spectrum.** Clin J Am Soc Nephrol 2022; 17:872-876Quiroga B, Soler MJ, Ortiz A *et*

al. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35551070>

13. **Effect of moderate-to-severe hepatic steatosis on neutralising antibody response among BNT162b2 and CoronaVac recipients.** *Clin Mol Hepatol* 2022; Cheung KS, Lam LK, Hui RWH *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35545127>
14. **Antibody levels in people with diabetes after one dose of the ChAdOx1 nCoV-19 (AZD1222) vaccine.** *Diabetol Int* 2022;1-7Rangsrisaeneepitak V, Porntharukchareon T, Dechates B *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35528950>
15. **SARS-CoV-2 vaccination diversifies the CD4+ spike-reactive T cell repertoire in patients with prior SARS-CoV-2 infection.** *EBioMedicine* 2022; 80:104048Dykema AG, Zhang B, Woldemeskel BA *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35533495>
16. **Immunopathogenesis of patients with COVID-19: from the perspective of immune system 'evolution' and 'revolution'.** *Expert Rev. Mol. Med.* 2022; 24:e19Lv D, Hu B, Lin X *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35535759>
17. **Memory CD4+ T-Cell Lymphocytic Angiopathy in Fatal Forms of COVID-19 Pulmonary Infection.** *Front. Immunol.* 2022; 13:844727Guihot A, Plu I, Soulié C *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35529881>
18. **Long-Lasting T Cell Responses in BNT162b2 COVID-19 mRNA Vaccinees and COVID-19 Convalescent Patients.** *Front. Immunol.* 2022; 13:869990Hurme A, Jalkanen P, Heroum J *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35529867>
19. **Evaluation of Performance of Detection of Immunoglobulin G and Immunoglobulin M Antibody Against Spike Protein of SARS-CoV-2 by a Rapid Kit in a Real-Life Hospital Setting.** *Front. Microbiol.* 2022; 13:802292Irunbam M, Chitkara A, Singh VK *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35558113>
20. **Immunogenicity of Inactivated SARS-CoV-2 Vaccines in Patients With Rheumatoid Arthritis: A Case Series.** *Front Public Health* 2022; 10:875558Zhao T, Shen J, Zhu Y *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35548080>
21. **Antibody Response and Maternofetal Antibody Transfer in SARS-CoV-2-Positive Pregnant Women: A Multicenter Observational Study.** *Geburtshilfe Frauenheilkd.* 2022; 82:501-509Enengl S, Pecks U, Oppelt P *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35528188>
22. **Immunogenicity and safety of heterologous versus homologous prime-boost schedules with an adenoviral vectored and mRNA COVID-19 vaccine: a systematic review.** *Infect Dis Poverty* 2022; 11:53Lv J, Wu H, Xu J, Liu J. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35562753>
23. **Dynamic response landscape of immune cells identified immune dysfunction which predicts disease progression in COVID-19 infected patients.** *Int J Biol Sci* 2022; 18:3066-3081Deng X, Zhang Y, Li M *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35541915>
24. **Immune Signature of COVID-19: In-Depth Reasons and Consequences of the Cytokine Storm.** *Int J Mol Sci* 2022; 23Niedźwiedzka-Rystwej P, Majchrzak A, Kurkowska S *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35562935>
25. **Vaccinations for the immunologic memory—Repeatedly or once only?** *Internist* 2022; 63:476-483Lehmann C.
26. **[Vaccines against coronavirus disease 2019 (COVID-19) : Efficacy comparison, safety aspects, and current challenges].** *Internist (Berl.)* 2022; 63:666-679Lipp HP. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35543726>

27. **Favorable vaccine-induced SARS-CoV-2-specific T cell response profile in patients undergoing immune-modifying therapies.** *J. Clin. Invest.* 2022; 132Qui M, Le Bert N, Chan WPW *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35536644>
28. **Humoral and T-Cell Response before and after a Fourth BNT162b2 Vaccine Dose in Adults ≥ 60 Years.** *J Clin Med* 2022; 11Bar-Haim E, Eliakim-Raz N, Stemmer A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35566774>
29. **Pandemic Preparedness: The Importance of Adequate Immune Fitness.** *J Clin Med* 2022; 11Kiani P, Balikji J, Kraneveld AD *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35566568>
30. **Serological Response to Three, Four and Five Doses of SARS-CoV-2 Vaccine in Kidney Transplant Recipients.** *J Clin Med* 2022; 11Osmanodja B, Ronicke S, Budde K *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35566691>
31. **Development and performance of a point-of-care rapid antigen test for detection of SARS-COV-2 variants.** *J Clin Virol Plus* 2022; 2:100080Liu L, Meyers K, Purpura LJ *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35528048>
32. **Identification of SARS-CoV-2 variants of concern in vaccine-breakthrough infections.** *J Infect Dev Ctries* 2022; 16:580-582Abdalhamid B, Donahue M, Kamal-Ahmed I *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35544616>
33. **Humoral Immunogenicity of the mRNA-1273 Vaccine in the Phase 3 COVE Trial.** *J Infect Dis* 2022; El Sahly HM, Baden LR, Essink B *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35535503>
34. **High attack rate of SARS-CoV-2 B.1.1.529 among two-dose vaccinated populations in two indoor entertainment setting outbreaks.** *J Infect Dis* 2022; Liu B, Stepien S, Pye V *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35533079>
35. **Older adults mount less durable humoral responses to two doses of COVID-19 mRNA vaccine, but strong initial responses to a third dose.** *J Infect Dis* 2022; Mwimanzi F, Lapointe HR, Cheung PK *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35543278>
36. **Adults hospitalized with breakthrough COVID-19 have lower mortality than matched unvaccinated adults.** *J Intern Med* 2022; Myers LC, Kipnis P, Greene J *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35531712>
37. **Immunogenicity of COVID-19 vaccines in patients with diverse health conditions: A comprehensive systematic review.** *J Med Virol* 2022; Cho K, Park S, Kim EY *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35567325>
38. **Relationship between SARS-CoV-2 antibody titer and the severity of COVID-19.** *J Microbiol Immunol Infect* 2022; Park JH, Cha MJ, Choi H *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35570185>
39. **Fourth dose of COVID-19 vaccine: Does it still contribute any additional immunoprotection?** *J Taibah Univ Med Sci* 2022; 17:533-536Mungmunpantipantip R, Wiwanitkit V. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35528234>
40. **Incidence and immunomic features of apyretic COVID-19 in patients affected by solid tumors: a prospective cohort study.** *J Transl Med* 2022; 20:230Ravera F, Borea R, Cirmena G *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35568887>
41. **Novel super-neutralizing antibody UT28K is capable of protecting against infection from a wide variety of SARS-CoV-2 variants.** *MAbs* 2022; 14:2072455Ozawa T, Tani H, Anraku Y *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35543180>

42. **Pseudovirus-Based Assays for the Measurement of Antibody-Mediated Neutralization of SARS-CoV-2.** Methods Mol. Biol. 2022; 2452:361-378 Balinsky C, Jani V, Sun P *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35554917>
43. **MAIT cell compartment characteristics are associated with the immune response magnitude to the BNT162b2 mRNA anti-SARS-CoV-2 vaccine.** Mol. Med. 2022; 28:54 Boulouis C, Kammann T, Cuapio A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35562666>
44. **Durable immunogenicity, adaptation to emerging variants, and low-dose efficacy of an AAV-based COVID-19 vaccine platform in macaques.** Mol. Ther. 2022; Zabaleta N, Bhatt U, Hérat C *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35546782>
45. **Differential antibody response to COVID-19 vaccines across immunomodulatory therapies for multiple sclerosis.** Mult Scler Relat Disord 2022; 62:103737 Satyanarayan S, Safi N, Sorets T *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35533419>
46. **Seroconversion rate after primary vaccination with two doses of BNT162b2 versus mRNA-1273 in solid organ transplant recipients: a systematic review and meta-analysis.** Nephrol Dial Transplant 2022; Verleye A, Wijtliet V, Abrams S *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35544087>
47. **Feasibility of SARS-CoV-2 Antibody Testing in Remote Outpatient Trials.** Open Forum Infect Dis 2021; 8:ofab506 Lofgren SM, Okafor EC, Colette AA *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35548171>
48. **Does an adjustment to the dosing and timing of immunomodulatory drugs alter the immunogenicity of the COVID-19 vaccines in patients with autoimmune and inflammatory rheumatic disease (AIIRD)?** RMD Open 2022; 8:Laster AJ, Lam GK, Gladue HS *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35534054>
49. **Immune Response to Third Dose BNT162b2 COVID-19 Vaccine Among Kidney Transplant Recipients-A Prospective Study.** Transpl Int 2022; 35:10204 Yahav D, Rahamimov R, Mashraki T *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35529596>
50. **Covid-19 vaccine immunogenicity in people living with HIV-1.** Vaccine 2022; 40:3633-3637 Nault L, Marchitto L, Goyette G *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35568588>
51. **Pre-existing T cell immunity determines the frequency and magnitude of cellular immune response to two doses of mRNA vaccine against SARS-CoV-2.** Vaccine X 2022; 11:100165 Casado JL, Vizcarra P, Haemmerle J *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35529539>

Management miscellaneous diseases (57 articles)

1. **Addressing Disparities Related to Access of Multimodality Breast Imaging Services Before and During the COVID-19 Pandemic.** Acad Radiol 2022; Nguyen DL, Ambinder EB, Myers KS, Oluyemi E. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35562265>
2. **Working in the time of COVID-19: Rehabilitation clinicians' reflections of working in Gauteng's public healthcare during the pandemic.** Afr J Disabil 2022; 11:889 van Biljon HM, van Niekerk L. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35546909>

3. **Trends in Clostridioides difficile infection across a public health hospital system in New York City 2019-2021: A cautionary note.** Am. J. Infect. Control 2022; Maro A, Asrat H, Qiu W *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35569616>
4. **Trend analysis of drug overdose deaths before and during the COVID-19 pandemic.** Am J Transl Res 2022; 14:2685-2688 Chen C, Shen S. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35559402>
5. **Solid organ transplantation from donors with recent or current SARS-CoV-2 infection: A Systematic Review.** Anaesth Crit Care Pain Med 2022;101098 Martinez-Reviejo R, Tejada S, Cipriano A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35533977>
6. **Routine surgeries during the COVID-19 pandemic: A French nationwide cohort study.** Ann Med Surg (Lond) 2022; 77:103721 Dufour E, Baheux C, Zureik M. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35531430>
7. **Impact of COVID-19 pandemic on emergency department attendances for young people.** Arch. Dis. Child. 2022; Solanke F, Easton S, Selby A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35551049>
8. **Can outpatient rehabilitation be continued during the COVID-19 pandemic? A report from a Japanese regional medical university hospital.** Arch Rehabil Res Clin Transl 2022;100199 Yamanouchi Y, Maeda K, Shinoda Y *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35531050>
9. **[PRACTICAL GUIDELINE FOR THE MANAGEMENT OF ALLERGIC RINITIS UNDER COVID-19 INFECTION].** Arerugi 2022; 71:186-190 Ohta N. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35569938>
10. **Early outcomes of lung resections in non-small cell lung cancer after COVID-19 pneumonia.** Asian J. Surg. 2022; Hekimoglu B, Beyoglu MA. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35534331>
11. **From crisis to crisis: impacts of the COVID-19 pandemic on people living with HIV and HIV/AIDS service organizations in Indiana.** BMC Health Serv. Res. 2022; 22:622 MacNeill JJ, Linnes JC, Hubach RD, Rodriguez NM. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35534824>
12. **Learning from minor injury care restructure during the COVID-19 pandemic: a phenomenological study of orthopaedic clinical leaders.** BMJ Lead 2022; 6:30-34 Gatfield S, Yeomans D, Walton H *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35537024>
13. **Changes in primary care visits arising from the COVID-19 pandemic: an international comparative study by the International Consortium of Primary Care Big Data Researchers (INTRePID).** BMJ Open 2022; 12:e059130 Tu K, Sarkadi Kristiansson R, Gronsbell J *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35534063>
14. **Anaesthesia practice in the first wave of the COVID-19 outbreak in the United States: a population-based cohort study.** Br J Anaesth 2022; Athanassoglou V, Zhong H, Poeran J *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35562227>
15. **High recurrence of lymphedema and influencing factors in discharged breast cancer patients during the COVID-19 pandemic: A multicenter, cross-sectional survey.** Cancer Med 2022; Peng X, Chen R, Rao Z *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35543195>
16. **The SARS-CoV-2 Pandemic and Cancer Trials Ireland: Impact, Resolution and Legacy.** Cancers (Basel) 2022; 14 O'Reilly S, Murphy V, Mulroe E *et al.*

- <http://www.ncbi.nlm.nih.gov/pubmed/?term=35565375>
17. **Long-term monitoring of drug consumption patterns during the COVID-19 pandemic in a small-sized community in Brazil through wastewater-based epidemiology.** Chemosphere 2022; 302:134907Hahn RZ, Bastiani MF, Lizot LLF *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35561781>
 18. **The impact and public health response of chiropractors to the COVID-19 pandemic: a survey across four continents.** Chiropr. Man. Therap. 2022; 30:24Moore C, Wong AYL, de Luca K *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35534844>
 19. **How does the hospital make a safe and stable elective surgery plan during COVID-19 pandemic?** Comput Ind Eng 2022; 169:108210Dai Z, Wang JJ, Shi JJ. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35529173>
 20. **Impact of COVID-19 on Surgical Interventions and Medical Practices in Pediatric Otolaryngology: A Narrative Review.** Cureus 2022; 14:e23835Jamal A, Safar M, Tarakmeh M *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35530923>
 21. **Emergency department adult presentations from the COVID-19 hotel quarantine program in Victoria, Australia: A retrospective cohort study of admissions and presenting complaints.** Emerg. Med. Australas. 2022; Melvin R, O'Reilly GM, Underhill A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35527354>
 22. **The Impact of COVID-19 on Cancer Care in a Tertiary Hospital in Korea: Possible Collateral Damage to Emergency Care.** Epidemiol Health 2022:e2022044Yoo SH, Sim JA, Shin J *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35538696>
 23. **The first wave of COVID-19 did not cause longer wait times in head and neck cancer. Experience of a French expert center.** Eur. Ann. Otorhinolaryngol. Head Neck Dis. 2022; Vanderhaegen T, Pierache A, Mortuaire G *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35534362>
 24. **Immunity to enteric viruses.** Immunity 2022; 55:800-818Lockhart A, Mucida D, Parsa R. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35545029>
 25. **Changes in testing and incidence of Chlamydia trachomatis and Neisseria gonorrhoeae - the possible impact of the COVID-19 pandemic in the three Scandinavian countries.** Infect Dis (Lond) 2022;1-9Ivarsson L, de Arriba Sánchez de la Campa M, Elfving K *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35527677>
 26. **Impact of the COVID-19 pandemic on hospital admissions of patients with rare diseases: an experience of a Southern Italy referral center.** Int. J. Dermatol. 2022; 61:e237-e238Martora F, Fabbrocini G, Nappa P, Megna M. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35538737>
 27. **Views and Attitudes of Blood Donors toward Blood Donation during the COVID-19 Pandemic in Thrace Region, Greece.** Int J Environ Res Public Health 2022; 19Gkirtsou C, Konstantinidis T, Cassimos D *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564360>
 28. **Machine Learning and Lean Six Sigma to Assess How COVID-19 Has Changed the Patient Management of the Complex Operative Unit of Neurology and Stroke Unit: A Single Center Study.** Int J Environ Res Public Health 2022; 19Improta G, Borrelli A, Triassi M. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564627>
 29. **Identifying and Understanding the Non-Clinical Impacts of Delayed or Cancelled Surgery in Order to Inform Prioritisation Processes: A Scoping**

- Review.** Int J Environ Res Public Health 2022; 19Jack K, Evans C, Bramley L *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564937>
30. **The Impact of COVID-19 Pandemic on Outpatient Visits for All-Cause and Chronic Diseases in Korea: A Nationwide Population-Based Study.** Int J Environ Res Public Health 2022; 19Sim B, Nam EW. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35565068>
 31. **Economic Challenges and Behavioral and Mental Health Risks for Overdose during the COVID-19 Pandemic among People Who Inject Drugs.** Int J Environ Res Public Health 2022; 19Williams LD, Lee E, Latkin C *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564746>
 32. **How the COVID-19 Pandemic Affects Risk Awareness in Dentists: A Scoping Review.** Int J Environ Res Public Health 2022; 19Wolf TG, de Col L, Banihashem Rad SA *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564366>
 33. **Surgery for adenotonsillar hypertrophy and otitis media in children is less demanded in quarantine times.** Int J Pediatr Otorhinolaryngol 2022; 158:111169Kourelis K, Angelopoulou M, Goulioumis A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35552162>
 34. **Impact of screen exposure on pediatric vernal Keratoconjunctivitis: a survey during the COVID-19 pandemic in Italy.** Ital. J. Pediatr. 2022; 48:74Masini M, Brindisi G, Giovannini M *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35568956>
 35. **A Retrospective Analysis of the Impact of the COVID-19 Pandemic on Staging at Presentation of Patients with Invasive Melanoma.** J Am Acad Dermatol 2022; Shaikh SS, Yang X, Fortman DD *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35551967>
 36. **Tofacitinib Therapy for Alopecia Areata is not Associated with Adverse Events during COVID-19 Infection.** J Am Acad Dermatol 2022; Youssef S, Lavian J, Lee EY *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35551958>
 37. **COVID-19, cancer post-pandemic risk, and the radiation oncology physicist.** J. Appl. Clin. Med. Phys. 2022; 23:e13628Allen MB. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35527479>
 38. **Making a Joint Decision Regarding the Timing of Surgery for Elective Arthroplasty Surgery After Being Infected With COVID-19: A Systematic Review.** J. Arthroplasty 2022; Khan IA, Zaid MB, Gold PA *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35533820>
 39. **Association between COVID-19 burden and delays to diagnosis and treatment of cancer patients in England.** J Cancer Policy 2022; 31:100316Fox L, Monroy-Iglesias MJ, Aggarwal A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35559868>
 40. **Proposal for development of a guideline in maintaining quality cancer care during and post-covid-19 in an upper middle-income country with universal health coverage.** J Cancer Policy 2021; 30:100300Teoh SP, Bustamam RS, Mustapha FI *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35559796>
 41. **Treatment of Moderate to Severe Psoriasis during the COVID-19 Pandemic: Lessons Learned and Opportunities.** J Clin Med 2022; 11Campanati A, Diotallevi F, Martina E *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35566548>
 42. **Impact of Delayed Intravitreal Anti-Vascular Endothelial Growth Factor (VEGF) Therapy Due to the Coronavirus Disease Pandemic on the Prognosis of Patients with Neovascular Age-Related Macular Degeneration.** J Clin Med 2022; 11Kim JG, Kim YC, Kang KT. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35566445>

43. **Impact of the COVID-19 pandemic on pediatric emergency department utilization for head injuries.** *J. Investig. Med.* 2022; Satoskar S, Badaki OB, Gielen AC *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35545294>
44. **Hormone Therapy in the Era of the COVID-19 Pandemic: A Review.** *J Menopausal Med* 2022; 28:1-8Choi SW, Kim J, Lee JH *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35534425>
45. **Transplants: The One Hope.** *J Nephrol* 2022:1-2Green RF. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35556230>
46. **The impact of COVID-19 on long-term care facilities and their staff in Israel: Results from a mixed methods study.** *J. Nurs. Manag.* 2022; Cohen-Mansfield J. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35538706>
47. **The impact of the COVID-19 pandemic on malaria in returning travellers in Canada: a retrospective population-based cohort study.** *J Travel Med* 2022; Lieu A, Mah J, Desgagnés N, Pillai D. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35567486>
48. **Modification in the Motor Skills of Seniors in Care Homes Using Serious Games and the Impact of COVID-19: Field Study.** *JMIR Serious Games* 2022; 10:e36768Kleschnitzki JM, Grossmann I, Beyer R, Beyer L. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35536610>
49. **Impact of the COVID-19 pandemic on malaria cases in health facilities in northern Ghana: a retrospective analysis of routine surveillance data.** *Malar. J.* 2022; 21:149Heuschen AK, Abdul-Mumin A, Adokiya M *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35570272>
50. **Gaps in Hepatitis A and Hepatitis B Vaccination Among Hepatitis C Antibody-Positive Individuals Experiencing Homelessness.** *Open Forum Infect Dis* 2022; 9:ofac175Partida D, Powell J, Gonzalez D, Khalili M. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35531381>
51. **Impact of the Covid-19 pandemic context on the microbiological epidemiology and management of flexor sheath phlegmons.** *Orthop. Traumatol. Surg. Res.* 2022:103315Pirbakas P, Gabriel C, Donatien J *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35568297>
52. **[Pandemic COVID-19 impact in Rehabilitation Services in Spain].** *Rehabilitacion (Madr)* 2022; Begazo Flores P, Supervía M, Gimeno González M, Morata Crespo AB. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35545483>
53. **[Impact of the COVID-19 on health of critical patient].** *Rehabilitacion (Madr)* 2022; Pinedo Otaola S, Sanmartín Cuevas V, Fernández Fernández de Leceta Z *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35545484>
54. **Traumatic hand injury management and outcomes: A case report.** *S Afr Fam Pract (2004)* 2022; 64:e1-e4Keller MM, Jordaan PW. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35532129>
55. **Emergency hospital admissions, prognosis, and population mortality in Norway during the first wave of the Covid-19 epidemic.** *Scand J Public Health* 2022:14034948221082959Jodal HC, Juul FE, Barua I *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35546560>
56. **Sexual transmission of infections across Europe: appraising the present, scoping the future.** *Sex. Transm. Infect.* 2022; Geretti AM, Mardh O, de Vries HJC *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35537800>
57. **The Effects of the COVID-19 Pandemic on Penetrating Neurotrauma at a Level 1 Trauma Center.** *World Neurosurg.* 2022; Yang GL, Johnson MD, Solomon D *et al.*

Management (47 articles)

1. **COVID-19 frontline primary health care professionals' perspectives on health system preparedness and response to the pandemic in the Mahalapye Health District, Botswana.** *Afr J Prim Health Care Fam Med* 2022; 14:e1-e6Tshitenge ST, Nthitu JM. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35532107>
2. **High-Flow Oxygen Therapy for Severe Hypoxemia: Moving Towards a More Inclusive Definition of ARDS.** *Am J Respir Crit Care Med* 2022; Barahona-Correa JE, Laserna A, Fowler C, Esquinas A. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35549638>
3. **Extracorporeal Membrane Oxygenation for Severe Acute Respiratory Distress Syndrome associated with COVID-19: An Emulated Target Trial Analysis.** *Am J Respir Crit Care Med* 2022; Hajage D, Combes A, Guervilly C *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35533052>
4. **A Multi-center Weighted Lottery to Equitably Allocate Scarce COVID-19 Therapeutics.** *Am J Respir Crit Care Med* 2022; White DB, McCreary EK, Chang CH *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35549997>
5. **A systematic review: the dimensions to evaluate health care performance and an implication during the pandemic.** *BMC Health Serv. Res.* 2022; 22:621Amer F, Hammoud S, Khatatbeh H *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35534850>
6. **The role of leadership in times of systems disruption: a qualitative study of health and social care integration.** *BMJ Open* 2022; 12:e054847Curry L, Ayedun A, Cherlin E *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35568492>
7. **Communication of Code Status Escalation for Nurses and Physicians in the Intensive Care Unit: A Case Study.** *Can. J. Nurs. Res.* 2022;8445621221099117Paddley B, Espin S, Indar A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35538849>
8. **Nanotechnology Toolkit for Combating COVID-19 and Beyond.** *ChemNanoMat* 2022; 8:e202100505Muthiah G, Sarkar A, Roy S *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35542043>
9. **The responsibility to care: lessons learned from emergency department workers' perspectives during the first wave of the COVID-19 pandemic in Canada.** *Cjem* 2022;1-11Lavoie B, Bourque CJ, Côté AJ *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35543924>
10. **Analyses on ICU and non-ICU capacity of government hospitals during the COVID-19 outbreak via multi-objective linear programming: An evidence from Istanbul.** *Comput. Biol. Med.* 2022; 146:105562Aydin N, Cetinkale Z. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35569338>
11. **Nebulized Amphotericin B in Mechanically Ventilated COVID-19 Patients to Prevent Invasive Pulmonary Aspergillosis: A Retrospective Cohort Study.** *Crit Care Explor* 2022; 4:e0696Melchers M, van Zanten ARH, Heusinkveld M *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35558738>
12. **Refeeding Syndrome in Emergency Department Boarders: How COVID-19 Can Reshape Patient Care in the Emergency Department.** *Cureus* 2022; 14:e23874Meloy P, Howell L, Armstrong E, Bromberek E. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35530897>

13. **Introduction of Extracorporeal Membrane Oxygenation on Ninth Day of Ventilator Management for Severe Acute Respiratory Distress Syndrome due to COVID-19: A Case Report.** *Cureus* 2022; 14:e24869Takeda A, Higashitani M, Kuroda Y *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35547945>
14. **Covid-19 and L-arginine supplementations: Yet to find the missed key.** *Curr Protein Pept Sci* 2022; Al-Kuraishy HM, Al-Gareeb AI, Alexiou A, Batiha GE. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35549865>
15. **The value of human resources: Experience of critical care nurses during the COVID-19 epidemic.** *Enferm Intensiva (Engl Ed)* 2022; 33:77-88González-Gil MT, Oter-Quintana C, Martínez-Marcos M *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35570110>
16. **Effect of intra-nasal nitrilotriacetic acid trisodium salt in lowering elevated calcium cations and improving olfactory dysfunction in COVID-19 patients.** *Eur Arch Otorhinolaryngol* 2022:1-6Abdelazim MH, Abdelazim AH, Ismaiel WF *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35567630>
17. **ICU tracheotomies in patients with COVID-19: a lesson learned for future viral pandemic.** *Eur Arch Otorhinolaryngol* 2022:1-8Agata G, Jakub S, Piotr N *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35552798>
18. **Dealing with the COVID-19 pandemic in Europe: five lessons from the European Society for Traumatic Stress Studies.** *Eur J Psychotraumatol* 2022; 13:2046330Javakhishvili JD, Arnberg F, Greenberg N *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35558684>
19. **Leadership During a Pandemic: A Lexical Analysis.** *Front Public Health* 2022; 10:783337Dadich A, Mellick Lopes A. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35548084>
20. **Case Report: Laryngotracheal Post-Intubation/Tracheostomy Stenosis in COVID-19 Patients.** *Front Surg* 2022; 9:874077Onorati I, Bonnet N, Radu DM *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35548193>
21. **Who's in the House? Staffing in Long-Term Care Homes Before and During COVID-19 Pandemic.** *Gerontol Geriatr Med* 2022; 8:23337214221090803Vellani S, Zuniga F, Spilsbury K *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35529694>
22. **"What Is the Matter With Me?" or a "Badge of Honor": Nurses' Constructions of Resilience During Covid-19.** *Glob Qual Nurs Res* 2022; 9:23333936221094862Conolly A, Abrams R, Rowland E *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35528859>
23. **Comment on "Pre-hospital antiplatelet medication use on COVID-19 disease severity".** *Heart Lung* 2022; Nadeem A, Ejaz Z. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35537878>
24. **Risk Mitigation Strategy against SARS-CoV-2 Infection for Healthcare Provider at Harapan Bersama General Hospital, Singkawang, Indonesia.** *Hosp. Top.* 2022:1-7Rahim R, Meliala A. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35549634>
25. **High-flow nasal oxygen in severe COVID-19 pneumonia and tocilizumab.** *Infect Dis Now* 2022; Mandal M, Mazza M, Esquinas AM. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35537687>
26. **Triage Strategies for COVID-19 Cases: A Scope Review.** *Inquiry* 2022; 59:469580221095824Roque Mazoni S, Andrade J, da Silva Antonio P *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35549576>
27. **Nitrated fatty acid, 10-nitrooleate protects against hyperoxia-induced acute lung injury in mice.** *Int Immunopharmacol* 2022; 109:108838Narala VR, Thimmana

- LV, Panati K, Kolliputi N. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35561478>
28. **Is the Systemic Agency Capacity of Long-Term Care Organizations Enabling Person-Centered Care during the COVID-19 Pandemic? A Repeated Cross-Sectional Study of Organizational Resilience.** Int J Environ Res Public Health 2022; 19Pfaff H, Pförtner TK, Banaszak-Holl J *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35564440>
 29. **What Breeds Conspiracy Theories in COVID-19? The Role of Risk Perception in the Belief in COVID-19 Conspiracy.** Int J Environ Res Public Health 2022; 19Zeng Z, Ding Y, Zhang Y, Guo Y. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564791>
 30. **"Should I stay or should I go?" Nurses' perspectives about working during the Covid-19 pandemic's first wave in the United States: A summative content analysis combined with topic modeling.** Int. J. Nurs. Stud. 2022; 131:104256Squires A, Clark-Cutaia M, Henderson MD *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35544991>
 31. **Dual antiplatelet use in the management of COVID-19 associated acute ischemic stroke reocclusion.** Interv. Neuroradiol. 2022:15910199221097484Feler J, Chuck C, Anderson M *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35549746>
 32. **Efficacy of Pranayama in Preventing COVID-19 in Exposed Healthcare Professionals: A Quasi-Randomized Clinical Trial.** J. Ayurveda Integr. Med. 2022:100586Sarwal R, Dhamija RK, Jain K, Basavaraddi IV.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35541985>
 33. **Uninterrupted Continuation of VV-ECMO Without Anticoagulation for 44 Days in COVID-19 ARDS: A Precarious Quandary.** J Cardiothorac Vasc Anesth 2022; 36:3193-3196Patel SP, Solomon BJ, Pascotto RD *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35545457>
 34. **Venovenous Extracorporeal Membrane Oxygenation in Awake Non-Intubated Patients With COVID-19 ARDS at High Risk for Barotrauma.** J Cardiothorac Vasc Anesth 2022; 36:2975-2982Paternoster G, Bertini P, Belletti A *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35537972>
 35. **Nonpharmaceutical public health interventions to curb the COVID-19 pandemic: a narrative review.** J Infect Dev Ctries 2022; 16:583-591Bestetti RB, Furlan-Daniel R, Couto LB. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35544617>
 36. **Lessons learned and recommendations from the COVID-19 pandemic: Content analysis of semi-structured interviews with intensive care unit nurse managers in the United Arab Emirates.** J. Nurs. Manag. 2022; Ahmed FR, Dias JM, Al Yateem N *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35569817>
 37. **The impact of COVID-19 on long-term care facilities and their staff in Israel: Results from a mixed methods study.** J. Nurs. Manag. 2022; Cohen-Mansfield J. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35538706>
 38. **Predictors of Depression in Nurses During COVID-19 Health Emergency; the Mediating Role of Resilience: A Cross-Sectional Study.** J. Prim. Care Community Health 2022; 13:21501319221097075Chura S, Saintila J, Mamani R *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35549758>
 39. **[Not Available].** Med. Intensiva 2022; Gomes EP, Reboredo MM, Costa GB *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35528275>
 40. **Modifiable Host Factors for the Prevention and Treatment of COVID-19: Diet and Lifestyle/Diet and Lifestyle Factors in the Prevention of COVID-19.**

- Nutrients 2022; 14Hibino S, Hayashida K. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35565841>
41. **Do Diet and Dietary Supplements Mitigate Clinical Outcomes in COVID-19?** Nutrients 2022; 14Singh B, Eshaghian E, Chuang J, Covasa M. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35565876>
 42. **Prevalence of Micronutrient Deficiencies in Patients Hospitalized with COVID-19: An Observational Cohort Study.** Nutrients 2022; 14Voelkle M, Gregoriano C, Neyer P *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35565831>
 43. **Staff scheduling for residential care under pandemic conditions: The case of COVID-19.** Omega 2022; 112:102671Moosavi A, Ozturk O, Patrick J. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35530747>
 44. **Being A Hemodialysis Nurse During the COVID-19 Pandemic: A Phenomenological Approach.** Omega (Westport) 2022;302228221090755Yıldırım Keskin A, Şentürk S. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35535678>
 45. **Spontaneous tension hemothorax in a severe COVID-19 patient receiving ECMO therapy: The other side of COVID-19-associated coagulopathy.** Respir Med Case Rep 2022; 37:101663Thammavaranucupt K, Tassaneyasin T, Theerawit P *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35559365>
 46. **Repair of acute respiratory distress syndrome by stromal cell administration (REALIST): a structured study protocol for an open-label dose-escalation phase 1 trial followed by a randomised, triple-blind, allocation concealed, placebo-controlled phase 2 trial.** Trials 2022; 23:401Gorman E, Shankar-Hari M, Hopkins P *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35562778>
 47. **Palliative care for patients over 80 years old with COVID-19 pneumonia on the intensive care unit—Is invasive ventilation effective?** Wien. Med. Wochenschr. 2022; 172:189-194Vohla D.

Mental – public health (180 articles)

1. **Neuropsychiatric symptoms in post-COVID-19 long haulers.** Acta Neuropsychiatr. 2022;1-12Alghamdi HY, Alrashed AM, Jawhari AM, Abdel-Moneim AS. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35543105>
2. **Stress, and coping strategy of university students during COVID-19 in Korea: The mediating role of ego-resiliency.** Acta Psychol. (Amst.) 2022; 227:103615Park YH, Kim IH, Jeong YW. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35569204>
3. **Anxiety and depression in graduating university students during the COVID-19 pandemic: a longitudinal study.** Am J Transl Res 2022; 14:2668-2676Yang N, Yang X. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35559421>
4. **De novo altered mental state after SARS-CoV-2 vaccination requires extensive diagnostic work-up.** Ann Med Surg (Lond) 2022; 77:103724Finsterer J. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35531427>
5. **A nationwide survey on the implementation of infection prevention and control components in 1442 hospitals in the Republic of Korea: comparison to the WHO Infection Prevention and Control Assessment Framework (IPCAF).** Antimicrob Resist Infect Control 2022; 11:71Jeong Y, Joo H, Bahk H *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35562838>
6. **Relationships between stress appraisals and intolerance of uncertainty with psychological health during early COVID-19 in the USA.** Anxiety Stress Coping

- 2022;1-13McCarty RJ, Downing ST, Daley ML *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35549611>
7. **The role of maladaptive emotion regulation in the bidirectional relation between sleep and depression in college students during the COVID-19 pandemic.** Anxiety Stress Coping 2022;1-14Niu X, Snyder HR.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35536737>
 8. **Sociodemographic factors as moderators of COVID-19 stress on depression.** Anxiety Stress Coping 2022;1-14Rice KG, Aiello M, Durán B *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35549609>
 9. **First episode psychosis and COVID-19: A case series and mini review.** Asian J Psychiatr 2022; 73:103123Nirisha PL, Bhaskaran AS, Yedavally NA *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35561660>
 10. **Suicide prevention measures in the national universities of Japan.** Asian J Psychiatr 2022; 73:103149Takahashi A, Tachikawa H, Marutani T *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35569364>
 11. **The impact of non-pharmaceutical interventions on COVID-19 cases in South Australia and Victoria.** Aust. N. Z. J. Public Health 2022; Milazzo A, Giles L, Parent N *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35557482>
 12. **Rapid review and commentary on the clinical implications of the population mental health consequences of the COVID-19 pandemic in Australia.** Australas Psychiatry 2022;10398562221100090Looi JC, Allison S, Bastiampillai T, Kisely SR.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35549517>
 13. **Social Media Use Early in the Pandemic Predicted Later Social Well-Being and Mental Health in a National Online Sample of Adults in the United States.** Behav. Med. 2022;1-10Awao S, Park CL, Russell BS, Fendrich M.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35538743>
 14. **Mental health and protective strategies among community-based health workers in region 3, Philippines during COVID-19 pandemic.** Behav. Med. 2022;1-8Bangalan SG. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35532144>
 15. **Role of social determinants in anxiety and depression symptoms during COVID-19: A longitudinal study of adults in North Carolina and Massachusetts.** Behav. Res. Ther. 2022; 154:104102Alegría M, Cruz-Gonzalez M, O'Malley IS *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35561644>
 16. **Integrating telepsychiatry services in a care setting in Kenya: a case report.** BJPsych Int 2022; 19:E3Njenga F, Onger L, Nguithi A *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35532398>
 17. **Collaboration over competition? Regulatory reform and inter-organisational relations in the NHS amidst the COVID-19 pandemic: a qualitative study.** BMC Health Serv. Res. 2022; 22:640Aunger JA, Millar R, Rafferty AM, Mannion R.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35562824>
 18. **Prevalence and associated factors of suicidal ideation among college students during the COVID-19 pandemic in China: a 3-wave repeated survey.** BMC Psychiatry 2022; 22:336Liang SW, Liu LL, Peng XD *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35570282>
 19. **Online survey of university students' perception, awareness and adherence to COVID-19 prevention measures.** BMC Public Health 2022; 22:964Akhter S, Robbins M, Curtis P *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35562731>
 20. **Determinants of adherence to personal preventive behaviours based on the health belief model: a cross-sectional study in South Korea during the initial**

- stage of the COVID-19 pandemic.** *BMC Public Health* 2022; 22:944Baek J, Kim KH, Choi JW. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35546392>
21. **Experience of discrimination during COVID-19 pandemic: the impact of public health measures and psychological distress among refugees and other migrants in Europe.** *BMC Public Health* 2022; 22:942Marchi M, Magarini FM, Chiarenza A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35538463>
 22. **Changes in marriage, divorce and births during the COVID-19 pandemic in Japan.** *BMJ Glob Health* 2022; 7Ghaznavi C, Kawashima T, Tanoue Y *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35569835>
 23. **Continuity of community-based healthcare provision during COVID-19: a multicountry interrupted time series analysis.** *BMJ Open* 2022; 12:e052407Ballard M, Olsen HE, Millea A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35545397>
 24. **How national leaders keep 'us' safe: A longitudinal, four-nation study exploring the role of identity leadership as a predictor of adherence to COVID-19 non-pharmaceutical interventions.** *BMJ Open* 2022; 12:e054980Frenzel SB, Haslam SA, Junker NM *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35537783>
 25. **Associations between moral injury and ICD-11 post-traumatic stress disorder (PTSD) and complex PTSD among help-seeking nurses: a cross-sectional study.** *BMJ Open* 2022; 12:e056289Jovarauskaite L, Murphy D, Truskauskaite-Kuneviciene I *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35534083>
 26. **How has physical distancing impacted on health and well-being during the COVID-19 pandemic? A Scottish longitudinal qualitative study.** *BMJ Open* 2022; 12:e054506Kotzur M, O'Connor RC, Robb KA. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35534078>
 27. **Psychological, social and financial impacts of COVID-19 on culturally and linguistically diverse communities in Sydney, Australia.** *BMJ Open* 2022; 12:e058323Muscat DM, Ayre J, Mac O *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35537788>
 28. **Characteristics of registered and published systematic reviews focusing on the prevention of COVID-19: a meta-research study.** *BMJ Open* 2022; 12:e060255Nothacker J, Stadelmaier J, Siemens W *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35534064>
 29. **Recording and evaluating affect and coping during COVID-19 in healthcare workers and outcomes (REACCH-Out): mental health implications for our junior doctor cohort.** *BMJ Open Qual* 2022; 11Akbar S, McNally S. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35534040>
 30. **COVID-19 outbreak management in a mental healthcare setting.** *Br J Nurs* 2022; 31:470-476Aziz AM. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35559690>
 31. **Perceptions and Correlates of Distress Due to the COVID-19 Pandemic and Stress Management Strategies Among Adults With Diabetes: A Mixed-Methods Study.** *Can J Diabetes* 2022; 46:253-261Im JHB, Escudero C, Zhang K *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35568426>
 32. **Social Rhythm Disruption is Associated with Greater Depressive Symptoms in People with Mood Disorders: Findings from a Multinational Online Survey During COVID-19.** *Can. J. Psychiatry*. 2022;7067437221097905Kahawage P, Bullock B, Meyer D *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35535550>
 33. **SARS-CoV-2 Infection and the Risk of Suicidal and Self-Harm Thoughts and Behaviour: A Systematic Review.** *Can. J. Psychiatry*.

- 2022:7067437221094552Sinyor M, Zaheer R, Webb RT *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35532916>
34. **The Influence of the COVID-19 Pandemic on Intensivists' Well-Being: A Qualitative Study.** *Chest* 2022; Vranas KC, Golden SE, Nugent S *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35568205>
35. **Youth mental health and/or addiction concerns and service needs during the COVID-19 pandemic: a qualitative exploration of caregiver experiences and perspectives.** *Child Adolesc Psychiatry Ment Health* 2022; 16:35Markoulakis R, Da Silva A, Kodeeswaran S, Levitt A. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35538588>
36. **A Qualitative Inquiry of Parents' Observations of Their Children's Mental Health Needs During the COVID-19 Pandemic.** *Child. Health Care* 2022; 51:213-234Barth AM, Meinert AC, Zopatti KL *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35530015>
37. **COVID-19-related anxiety and trauma symptoms predict decreases in body image satisfaction in children.** *Child Psychiatry Hum. Dev.* 2022:1-12Aucoin P, Gardam O, St John E *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35543799>
38. **Urban parks as a potential mitigator of suicide rates resulting from global pandemics: Empirical evidence from past experiences in Seoul, Korea.** *Cities* 2022; 127:103725Kim UR, Sung H. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35530723>
39. **Psychological distress and social support among conflict refugees in urban, semi-rural and rural settlements in Uganda: burden and associations.** *Confl Health* 2022; 16:25Seruwagi G, Nakidde C, Lugada E *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35551630>
40. **Implementation of a distance learning hand eczema prevention program for healthcare workers during the COVID-19 pandemic.** *Contact Dermatitis* 2022; Gallo R, Guarneri F, Gasparini G *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35538621>
41. **Mining voices from self-expressed messages on social-media: Diagnostics of mental distress during COVID-19.** *Decis Support Syst* 2022:113792Kumar R, Mukherjee S, Choi TM, Dhamotharan L. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35542965>
42. **COVID-19-related posttraumatic stress disorder in adults with lived experience of psychiatric disorder.** *Depress. Anxiety* 2022; Lewis C, Lewis K, Roberts A *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35536094>
43. **Suicidal Ideation amid COVID-19 Pandemic: A Cross-sectional Study among Healthcare Workers during the First Wave of COVID-19 in Pakistan.** *Disaster Med Public Health Prep* 2022:1-6Salman M, Mallhi TH, Khan YH *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35548858>
44. **COVID-19 pandemic on health professionals in a third level hospital in Spain: job changes during the first wave, mental health at 4 months, and follow-up at 9 months.** *Enferm Clin (Engl Ed)* 2022; 32:143-151Esteban-Sepúlveda S, Terradas-Robledo R, Castro-Ribeiro T *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35562011>
45. **Mental health of Korean adults before and during the COVID-19 pandemic: a special report of the 2020 Korea National Health and Nutrition Examination Survey.** *Epidemiol Health* 2022; 44:e2022042Jeong H, Park S, Kim J *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35538698>

46. **Assessing the effect of non-pharmaceutical interventions on COVID-19 transmission in Spain, 30 August 2020 to 31 January 2021.** Euro Surveill 2022; 27:27García-García D, Herranz-Hernández R, Rojas-Benedicto A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35551707>
47. **Assessment of fear, anxiety, obsession and functional impairment due to COVID-19 amongst health-care workers and trainees: A cross-sectional study in Nepal.** F1000Res 2022; 11:119Atreya A, Nepal S, Menezes RG *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35529279>
48. **Changes in Feeding Behavior and Feeding Stress Among Mothers of Preschoolers Before and During the Novel Coronavirus Pandemic.** Front Nutr 2022; 9:828557Mosli RH, Barahim A, Zahed LA *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35548557>
49. **Worries About COVID-19 and Adolescents' Mental Health and Life Satisfaction: The Role of Sociodemographics and Social Support.** Front Pediatr 2022; 10:847434Rodríguez-Cano R, Cortés-García L, Ulset VS, von Soest T. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35558374>
50. **Comparison of Students' Mental Wellbeing, Anxiety, Depression, and Quality of Life During COVID-19's Full and Partial (Smart) Lockdowns: A Follow-Up Study at a 5-Month Interval.** Front Psychiatry 2022; 13:835585Aqeel M, Rehna T, Shuja KH, Abbas J. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35530024>
51. **Radical Acceptance of Reality: Putting DBT®-A Skill Groups Online During the COVID-19 Pandemic: A Qualitative Study.** Front Psychiatry 2022; 13:617941Bock MM, Graf T, Woeber V *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35546945>
52. **Association Between Clinical Competencies and Mental Health Symptoms Among Frontline Medical Staff During the COVID-19 Outbreak: A Cross-Sectional Study.** Front Psychiatry 2022; 13:760521Chang Q, Su H, Xia Y *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35558425>
53. **Psychological Distress, Fear and Coping Strategies During the Second and Third Waves of the COVID-19 Pandemic in Southern Germany.** Front Psychiatry 2022; 13:860683Elsayed M, Schönfeldt-Lecuona C, Welte XA *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35546957>
54. **Polish Version of the Post-traumatic Stress Disorder Related to COVID-19 Questionnaire COVID-19-PTSD.** Front Psychiatry 2022; 13:868191Kosydar-Bochenek J, Krupa S, Favieri F *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35546933>
55. **Teachers' Burnout Risk During the COVID-19 Pandemic: Relationships With Socio-Contextual Stress-A Latent Profile Analysis.** Front Psychiatry 2022; 13:870098Răducu CM, Stănculescu E. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35546926>
56. **Fear of Progression, Anxiety, and Depression in Patients With Advanced Melanoma in the COVID-19 and Post-COVID-19 Era.** Front Psychiatry 2022; 13:880978Wang X, Li M, Shi Q *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35558429>
57. **Corrigendum: Problematic Use of Alcohol and Online Gaming as Coping Strategies During the COVID-19 Pandemic: A Mini Review.** Front Psychiatry 2022; 13:898218Xu S, Park M, Kang UG *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35546949>
58. **Corrigendum: Analysis of Anxiety and Depression Status in Patients Undergoing Radiotherapy During the COVID-19 Epidemic.** Front Psychiatry

- 2022; 13:912496Yang L, Yang J, He J *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35558416>
59. **Effects of Autonomy Support and Emotion Regulation on Teacher Burnout in the Era of the COVID-19 Pandemic.** *Front. Psychol.* 2022; 13:846290Chang ML, Gaines RE, Mosley KC. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35548551>
 60. **The Benefits of Being Proactive While Working Remotely: Leveraging Self-Leadership and Job Crafting to Achieve Higher Work Engagement and Task Significance.** *Front. Psychol.* 2022; 13:833776Costantini A, Weintraub J. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35548485>
 61. **What About Affected Family Members of Disordered Gamblers During the COVID-19 Pandemic? A Study in Italy During the Lockdown Restrictions.** *Front. Psychol.* 2022; 13:801835Donati MA, Capitanucci D, Beccari C *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35558714>
 62. **The Relationship Between Ego Depletion and Prosocial Behavior of College Students During the COVID-19 Pandemic: The Role of Social Self-Efficacy and Personal Belief in a Just World.** *Front. Psychol.* 2022; 13:801006Li L, Liu H, Wang G *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35548506>
 63. **Lockdown in France: Impact on Families of Young Children With Special Needs.** *Front. Psychol.* 2022; 13:781030Pinel-Jacquemin S, Martinez A, Martinasso M *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35558716>
 64. **Understanding Experiential Satisfaction of M-Payment Apps During COVID-19 Pandemic.** *Front. Psychol.* 2022; 13:893284Putra RL, Setiawan M, Hussein AS, Yuniarinto A. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35548515>
 65. **Effects of the COVID-19 Pandemic on Chinese Graduate Students' Learning Activities: A Latent Class Analysis.** *Front. Psychol.* 2022; 13:877106Wang J, Liang Z, Zhang M *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35558727>
 66. **The Relationship of Breathing and COVID-19 Anxiety When Using Smart Watches for Guided Respiration Practice: A Cross-Sectional Study.** *Front. Psychol.* 2022; 13:847602Wu YF, Chen MY, Ye JH *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35548517>
 67. **Improving the Behavioral Intention of Continuous Online Learning Among Learners in Higher Education During COVID-19.** *Front. Psychol.* 2022; 13:857709Xu W, Shen ZY, Lin SJ, Chen JC. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35558726>
 68. **The Influence of Sense of Place on Elementary School Students' Creativity During the COVID-19 Pandemic: The Mediating and Buffering Effects of Psychological Resilience.** *Front. Psychol.* 2022; 13:775624Xu Y, Wang Q, Zhang D, Lin P. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35558704>
 69. **High Safety Risk Assessment in the Time of Uncertainties (COVID-19): An Industrial Context.** *Front. Psychol.* 2022; 13:834361Zhang Y, Abdullah M, Khan N *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35529576>
 70. **Comparisons Between COVID-19 Stigma and Other Stigmas: Distinct in Explicit Attitudes and Similar in Implicit Process.** *Front. Psychol.* 2022; 13:848993Zhu J, Yan L, Mu Y. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35558720>
 71. **Technostress Creators and Outcomes Among Egyptian Medical Staff and Students: A Multicenter Cross-Sectional Study of Remote Working Environment During COVID-19 Pandemic.** *Front Public Health* 2022;

- 10:796321Kasemy ZA, Sharif AF, Barakat AM *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35558536>
72. **Development and Validation of a Questionnaire to Assess Social Participation of High Risk-Adults in Germany During the COVID-19 Pandemic.** Front Public Health 2022; 10:831087Schröder D, Heesen G, Heinemann S *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35558532>
 73. **Family Functioning and Optimism as Protective Factors of Life Satisfaction Among Stroke Patients During the COVID-19 Epidemic in Shenyang, China.** Front Public Health 2022; 10:738634Song Y, Cui C, Jia Y *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35558534>
 74. **Editorial: Sport and Psychosocial Health/Well-Being After the COVID-19 Lockdown.** Front Sports Act Living 2022; 4:902973Kim ACH, Du J, Eime R.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35557978>
 75. **Increased severity of mental health symptoms among adolescent inpatients during COVID-19.** Gen. Hosp. Psychiatry 2022; 77:77-79Millner AJ, Zuromski KL, Joyce VW *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35569321>
 76. **Effects of mental health interventions among people hospitalized with COVID-19 infection: A systematic review of randomized controlled trials.** Gen. Hosp. Psychiatry 2022; 77:40-68Tasleem A, Wang Y, Li K *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35533528>
 77. **Exploring the effects of COVID-19 restrictions on wellbeing across different styles of lockdown.** Health Psychol Open 2022; 9:20551029221099800Ingram J, Hand CJ, Hijikata Y, Maciejewski G. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35547558>
 78. **Well-being and social determinants of health among Australian adults: A national cross-sectional study.** Health Soc Care Community 2022; Green H, Fernandez R, MacPhail C. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35561090>
 79. **Critical Care Nurse Burnout, Moral Distress, and Mental Health During the COVID-19 Pandemic: A United States Survey.** Heart Lung 2022; 55:127-133Guttormson JL, Calkins K, McAndrew N *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35561589>
 80. **Women mental health status and behaviour change during the COVID-19 in Sudan.** Heliyon 2022; 8:e09358Eltayeb S, Badri A.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35529700>
 81. **The Reorganization of a Psychiatric Unit During COVID-19: A Reflection for Psychiatric Hospital Design.** Herd 2022;19375867221098982Sturge J, Starrenburg F. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35549742>
 82. **Gender difference in working from home and psychological distress - A national survey of U.S. employees during the COVID-19 pandemic.** Ind. Health 2022; Matthews TA, Chen L, Omidakhsh N *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35569955>
 83. **Protective Behaviors for COVID-19 Were Associated With Fewer Psychological Impacts on Nurses: A Cross-Sectional Study in Taiwan.** Inquiry 2022; 59:469580221096278Yen CC, Chan MH, Lin WC, Yeh SJ.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35532315>
 84. **Perspectives and Factors Affecting the Preventive Behavior Pertinent to COVID-19 among School Employees in Chiang Mai, Thailand: A Cross-Sectional Study.** Int J Environ Res Public Health 2022; 19Assavanopakun P,

- Promkutkao T, Promkutkeo S, Sirikul W. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35565063>
85. **Intimate Partner Violence in the COVID-19 Era: A Health, Psychological, Forensic and Legal Perspective.** *Int J Environ Res Public Health* 2022; 19Barbara G, Viero A, Pellizzone I *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564368>
 86. **Quality of Life and Mental Health in Children and Adolescents after the First Year of the COVID-19 Pandemic: A Large Population-Based Survey in South Tyrol, Italy.** *Int J Environ Res Public Health* 2022; 19Barbieri V, Wiedermann CJ, Kaman A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564614>
 87. **Lockdown Efficacy in Controlling the Spread of COVID-19 May Be Waning Due to Decline in Public Compliance, Especially among Unvaccinated Individuals: A Cross-Sectional Study in Israel.** *Int J Environ Res Public Health* 2022; 19Bodas M, Adini B, Jaffe E *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564341>
 88. **The Impact of the First Wave of the COVID-19 Pandemic on Healthcare Workers: An Italian Retrospective Study.** *Int J Environ Res Public Health* 2022; 19Buresti G, Rondinone BM, Gagliardi D *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564600>
 89. **Pharmacological Treatment of Acute Psychiatric Symptoms in COVID-19 Patients: A Systematic Review and a Case Series.** *Int J Environ Res Public Health* 2022; 19Carmassi C, Pacciardi B, Gravina D *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564372>
 90. **Effect of Job Stress on Burnout among Nurses Responding to COVID-19: The Mediating Effect of Resilience.** *Int J Environ Res Public Health* 2022; 19Cha YJ, Lee KS, Cho JH *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564803>
 91. **Compliance with Standard Precaution and Its Relationship with Views on Infection Control and Prevention Policy among Chinese University Students during the COVID-19 Pandemic.** *Int J Environ Res Public Health* 2022; 19Cheng WLS, Kwong EWY, Lee RLT *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564721>
 92. **Shared Virtual Reality Experiences during the COVID-19 Pandemic: Exploring the Gratifications and Effects of Engagement with Immersive Videos.** *Int J Environ Res Public Health* 2022; 19Cheng Y, Wang Y, Zhao W. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564451>
 93. **Distress and Wellbeing among General Practitioners in 33 Countries during COVID-19: Results from the Cross-Sectional PRICOV-19 Study to Inform Health System Interventions.** *Int J Environ Res Public Health* 2022; 19Collins C, Clays E, Van Poel E *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35565070>
 94. **Perceptions of Risk, Work, and Lifestyle Changes on Mental Health of Healthcare Workers Amidst the COVID-19 Pandemic.** *Int J Environ Res Public Health* 2022; 19Ergai A, Spiva L, Li L *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564815>
 95. **Assessment of Acceptability and Initial Effectiveness of a Unified Protocol Prevention Program to Train Emotional Regulation Skills in Female Nursing Professionals during the COVID-19 Pandemic.** *Int J Environ Res Public Health* 2022; 19Ferrerres-Galán V, Navarro-Haro MV, Peris-Baquero Ó *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35565110>
 96. **Reducing Anxiety with Nature and Gardening (RANG): Evaluating the Impacts of Gardening and Outdoor Activities on Anxiety among U.S. Adults during the**

- COVID-19 Pandemic.** *Int J Environ Res Public Health* 2022; 19Gerdes ME, Aistis LA, Sachs NA *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564513>
97. **Social Media User Behavior and Emotions during Crisis Events.** *Int J Environ Res Public Health* 2022; 19Gu M, Guo H, Zhuang J *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564591>
98. **Factors Associated with Mental Health Outcomes in Hospital Workers during the COVID-19 Pandemic: A Mixed-Methods Study.** *Int J Environ Res Public Health* 2022; 19Huarcaya-Victoria J, Villarreal-Rao B, Luna M *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564741>
99. **Hope and Resilience Related to Fear of COVID-19 in Young People.** *Int J Environ Res Public Health* 2022; 19Javier-Aliaga DJ, Quispe G, Quinteros-Zuñiga D *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564398>
100. **Perinatal Depression in Australian Women during the COVID-19 Pandemic: The Birth in the Time of COVID-19 (BITTOC) Study.** *Int J Environ Res Public Health* 2022; 19Lequertier B, McLean MA, Kildea S *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564456>
101. **The Effect of Sleep-Wake Routines on the Negative Emotional States and Aggressive Behaviors in Adults with Autism Spectrum Disorders (ASD) during the COVID-19 Outbreak.** *Int J Environ Res Public Health* 2022; 19Levante A, Petrocchi S, Colombi C *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564352>
102. **Increased Risk Perception, Distress Intolerance and Health Anxiety in Stricter Lockdowns: Self-Control as a Key Protective Factor in Early Response to the COVID-19 Pandemic.** *Int J Environ Res Public Health* 2022; 19Lindner C, Kotta I, Marschalko EE *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564492>
103. **Strategies for the Psychological Support of the Healthcare Workforce during the COVID-19 Pandemic: The ERNST Study.** *Int J Environ Res Public Health* 2022; 19López-Pineda A, Carrillo I, Mula A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564924>
104. **How Much Burnout and Coping Influence Quality of Life among Young Oncology Providers in Romania during the COVID-19 Pandemic.** *Int J Environ Res Public Health* 2022; 19Lungulescu CV, Turcu-Stiolica A, Lungulescu C *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564906>
105. **Mother's Loneliness: Involuntary Separation of Pregnant Women in Maternity Care Settings and Its Effects on the Experience of Mothers during the COVID-19 Pandemic.** *Int J Environ Res Public Health* 2022; 19Malarkiewicz P, Maksymowicz S, Libura M. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564476>
106. **Predictive Models for Forecasting Public Health Scenarios: Practical Experiences Applied during the First Wave of the COVID-19 Pandemic.** *Int J Environ Res Public Health* 2022; 19Martin-Moreno JM, Alegre-Martinez A, Martin-Gorgojo V *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564940>
107. **Mental Health Outcomes in Australian Healthcare and Aged-Care Workers during the Second Year of the COVID-19 Pandemic.** *Int J Environ Res Public Health* 2022; 19McGuinness SL, Johnson J, Eades O *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564351>
108. **At Home and on the Brink: U.S. Parents' Mental Health during COVID-19.** *Int J Environ Res Public Health* 2022; 19Moreland-Russell S, Jabbari J, Ferris D, Roll S. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564980>
109. **A Solution for Loneliness in Rural Populations: The Effects of Osekkai Conferences during the COVID-19 Pandemic.** *Int J Environ Res Public Health*

- 2022; 19Ohta R, Maiguma K, Yata A, Sano C.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35564448>
110. **The Health-Sustaining, Moderating, and Mediating Roles of Sense of Coherence in the Relationship between Fear of COVID-19 and Burnout among South African Teachers.** Int J Environ Res Public Health 2022; 19Padmanabhanunni A, Pretorius TB, Kagee A.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35564555>
 111. **Resilience at Work, Burnout, Secondary Trauma, and Compassion Satisfaction of Social Workers Amidst the COVID-19 Pandemic.** Int J Environ Res Public Health 2022; 19Ratzon A, Farhi M, Ratzon N, Adini B.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35564893>
 112. **Age-Related Differences in Psychological Distress during the COVID-19 Pandemic.** Int J Environ Res Public Health 2022; 19Rega A, Nappo R, Simeoli R, Cerasuolo M. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564927>
 113. **Government Reactions, Citizens' Responses, and COVID-19 around the World.** Int J Environ Res Public Health 2022; 19Reiersen J, Romero-Hernández M, Adán-González R. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35565059>
 114. **The Impact of COVID-19 on the Mental Well-Being of College Students.** Int J Environ Res Public Health 2022; 19Sauer N, Salek A, Szlasa W *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35564484>
 115. **Are Personal Resources and Perceived Stress Associated with Psychological Outcomes among Israeli Teachers during the Third COVID-19 Lockdown?** Int J Environ Res Public Health 2022; 19Shinan-Altman S, Levkovich I.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35565027>
 116. **Burnout and Online Medical Education: Romanian Students in Lockdown and Their Residency Choices.** Int J Environ Res Public Health 2022; 19Silistraru I, Olariu O, Ciubara A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564841>
 117. **Assessing Urban Policies in a COVID-19 World.** Int J Environ Res Public Health 2022; 19Śleszyński P, Legutko-Kobus P, Rosenberg M *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35564718>
 118. **Student and Nature Interactions and Their Impact on Mental Health during the COVID-19 Pandemic.** Int J Environ Res Public Health 2022; 19Trevino JE, Monsur M, Lindquist CS, Simpson CR. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564425>
 119. **Alcohol Consumption, Loneliness, Quality of Life, Social Media Usage and General Anxiety before and during the COVID-19 Pandemic in Singapore.** Int J Environ Res Public Health 2022; 19Ung M, Wan KYY, Liu SY *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35565030>
 120. **Did Mindful People Do Better during the COVID-19 Pandemic? Mindfulness Is Associated with Well-Being and Compliance with Prophylactic Measures.** Int J Environ Res Public Health 2022; 19Wen X, Rafaï I, Duchêne S, Willinger M.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35564450>
 121. **The COVID-19 Lockdown and Mental Wellbeing of Females in China.** Int J Environ Res Public Health 2022; 19Xia CL, Wei AP, Huang YT.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35564365>
 122. **An Investigation on Chinese Public Acceptance of COVID-19 Prevention Measures.** Int J Environ Res Public Health 2022; 19Zhang A, Yang H, Tong S, Gao J. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564482>

123. **Response to COVID-19 in the Central African Republic: Coping Strategies Combined With China's Experience.** Int J Public Health 2022; 67:1604344Gou Q, Zhu F, Xie K *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35548685>
124. **Assessing the value of healthcare innovations: a proposal for an integrated health technology assessment-responsible innovation in health approach in the "new normal".** Int. J. Technol. Assess. Health Care 2022; 38:e47Mukherjee K, Walley T. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35549786>
125. **Enhancing GP care of mental health disorders post-COVID-19: a scoping review of interventions and outcomes.** Ir. J. Psychol. Med. 2022:1-17Keyes B, McCombe G, Broughan J *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35545971>
126. **Closed doors: Predictors of stress, anxiety, depression, and PTSD during the onset of COVID-19 pandemic in Brazil.** J. Affect. Disord. 2022; 310:441-451Calegaro VC, Ramos-Lima LF, Hoffmann MS *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35569607>
127. **Psychological distress associated with the second COVID-19 wave: Prospective evidence from the UK Household Longitudinal Study.** J. Affect. Disord. 2022; 310:274-278Daly M, Robinson E. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35568319>
128. **Prevalence and predictors of mental health outcomes in UK doctors and final year medical students during the COVID-19 pandemic.** J. Affect. Disord. 2022; 311:267-275Johns G, Waddington L, Samuel V. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35569608>
129. **Gender and COVID-19 related fear and anxiety: A meta-analysis.** J. Affect. Disord. 2022; 310:384-395Metin A, Erbiçer ES, Şen S, Çetinkaya A. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35561885>
130. **Concern about COVID-19 among the Spanish population: Validation of a scale and associated symptoms.** J. Affect. Disord. 2022; 310:284-290Penado M, Serrano-Ibáñez ER, Corrás Vázquez T *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35568320>
131. **Resilience and its impact on the mental health of physiotherapists during the COVID-19 pandemic in São Paulo, Brazil.** J. Affect. Disord. 2022; 310:422-428Pigati P, Righetti RF, Nisiaymamoto BTC *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35569609>
132. **The impact of non-infection pandemic stress on depression and anxiety severity: Investigating mediation by intrusive and deliberate rumination.** J. Affect. Disord. 2022; 310:291-295Squires SD, Hu M, Milev RV, Poppenk J. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35561882>
133. **Mental health and psychological resilience during the COVID-19 pandemic: A cross-cultural comparison of Japan, Malaysia, China, and the U.S.** J. Affect. Disord. 2022; 311:500-507Sugawara D, Chishima Y, Kubo T *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35561884>
134. **Association between workplace and mental health and its mechanisms during COVID-19 pandemic: A cross-sectional, population-based, multi-country study.** J. Affect. Disord. 2022; 310:116-122Zhang P, Chen S. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35545153>
135. **Cognitive and Functional Abilities in an Older Adult Veteran Before and After Contracting COVID-19.** J Alzheimers Dis Rep 2022; 6:115-120Okolichany R, Padala PR, Mooney S. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35530116>

136. **International student stressors and mental health during the COVID-19 pandemic: a qualitative study.** *J. Am. Coll. Health* 2022;1-7Zhang X, Wong GTF, Liu CH *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35549622>
137. **The Effects of COVID-19 Pandemic on Italian School-Aged Children: Sleep-Related Difficulties and Trauma Reactions.** *J. Child Neurol.* 2022; 37:8830738221096194Curatola A, Ferretti S, Gatto A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35535411>
138. **The "Healthcare Workers' Wellbeing [Benessere Operatori]" Project: A Longitudinal Evaluation of Psychological Responses of Italian Healthcare Workers during the COVID-19 Pandemic.** *J Clin Med* 2022; 11Perego G, Cugnata F, Brombin C *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35566442>
139. **Longitudinal study of changes observed in quality of life, psychological state cognition and pulmonary and functional capacity after COVID-19 infection: A six- to seven-month prospective cohort.** *J. Clin. Nurs.* 2022; Del Corral T, Menor-Rodríguez N, Fernández-Vega S *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35534994>
140. **Nonpharmaceutical public health interventions to curb the COVID-19 pandemic: a narrative review.** *J Infect Dev Ctries* 2022; 16:583-591Bestetti RB, Furlan-Daniel R, Couto LB. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35544617>
141. **COVID-19 public health measures reduce the incidence of respiratory infectious diseases.** *J Infect Dev Ctries* 2022; 16:600-603Wan Z, Wang Y, Liang J *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35544619>
142. **Effectiveness of containment strategies in preventing SARS-CoV-2 transmission.** *J Infect Public Health* 2022; 15:609-614Leung KK, Zhang R, Hashim MJ *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35537237>
143. **Care models for mental health in a population of patients affected by COVID-19.** *J. Int. Med. Res.* 2022; 50:3000605221097478Maresca G, Formica C, De Cola MC *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35531918>
144. **Investigating the feasibility of MePlusMe, an online intervention to support mental health, well-being, and study skills in higher education students.** *J Ment Health* 2022;1-11Goozee R, Barrable A, Lubenko J *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35549804>
145. **COVID-19 and obsessive-compulsive symptoms in a large multi-site college sample.** *J Obsessive Compuls Relat Disord* 2022; 33:100727Berman NC, Fang A, Hoepfner SS *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35529829>
146. **Conversation time and mental health during the COVID-19 pandemic: A web-based cross-sectional survey of Japanese employees.** *J Occup Health* 2022; 64:e12334Izawa S, Nakamura-Taira N, Yoshikawa T *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35535665>
147. **How Stay-at-Home Orders Interact with COVID-19 Misperceptions and Individuals' Social Distancing Intentions.** *J Prev (2022)* 2022;1-16Boehm M, White A, Bleakley A, Young DG. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35553309>
148. **Predictors of Depression in Nurses During COVID-19 Health Emergency; the Mediating Role of Resilience: A Cross-Sectional Study.** *J. Prim. Care Community Health* 2022; 13:21501319221097075Chura S, Saintila J, Mamani R *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35549758>
149. **Managing the unexpected: Stressors and solutions for challenges experienced by RN-BSN students during an unprecedented global pandemic.**

- J. Prof. Nurs. 2022; 40:48-56Hrelc DA, Anderson JG.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35568459>
150. **Anxiety, past trauma and changes in relationships in Japan during COVID-19.** J. Psychiatr. Res. 2022; 151:377-381Goodwin R, Takahashi M.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35567802>
 151. **Adaptive network modeling of social distancing interventions.** J. Theor. Biol. 2022; 546:111151Corcoran C, Clark JM. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35569530>
 152. **Digital Health Interventions for Delivery of Mental Health Care: Systematic and Comprehensive Meta-Review.** JMIR Ment Health 2022; 9:e35159Philippe TJ, Sikder N, Jackson A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35551058>
 153. **Impact of optimal vaccination and social distancing on COVID-19 pandemic.** Math Comput Simul 2022; 200:285-314Saha S, Samanta G, Nieto JJ.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35531464>
 154. **The cognitive basis of psychosocial impact in COVID-19 pandemic. Does it encircle the default mode network of the brain? A pragmatic proposal.** Med Res Arch 2022; 10Dubey S, Dubey MJ, Ghosh R *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35530572>
 155. **Autonomy, liberty, and risk: The ethical and legal challenges of suspending leave of absence for patients detained under the Mental Health Act 1983 during the COVID-19 (coronavirus) pandemic.** Med. Sci. Law 2022; 62:216-224Loughran M, Latham R. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35546536>
 156. **[The structure and efforts of the health sectors in municipalities from the first infected case to the second wave of COVID-19].** Nihon Koshu Eisei Zasshi 2022; Hatono Y, Shimada M, Yuba E *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35545518>
 157. **Moral distress amongst palliative care doctors working during the COVID-19 pandemic: A narrative-focussed interview study.** Palliat. Med. 2022; 36:955-963Fish EC, Lloyd A. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35548937>
 158. **Perceived stress and resilience levels during the COVID-19 pandemic among critical care nurses in Saudi Arabia: a correlational cross-sectional study.** PeerJ 2022; 10:e13164Almegewly W, Alhejji A, Alotaibi L *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35547190>
 159. **Stress coping strategies used by nurses during the COVID-19 pandemic.** PeerJ 2022; 10:e13288Sierakowska M, Doroszkiewicz H.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35529493>
 160. **Cognitive reserve and coping strategies predict the level of perceived stress during COVID-19 pandemic: A cross-sectional study.** Pers. Individ. Dif. 2022; 195:111703Panico F, Luciano SM, Sagliano L *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35529603>
 161. **No man is an island: Psychological underpinnings of prosociality in the midst of the COVID-19 outbreak.** Pers. Individ. Dif. 2021; 171:110534Politi E, Van Assche J, Caprara GV, Phalet K. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35529044>
 162. **Sociopolitical, mental health, and sociodemographic correlates of COVID-19 vaccine hesitancy among young adults in 6 US metropolitan areas.** Prev Med Rep 2022; 27:101812Klinkhammer KE, Romm KF, Kerrigan D *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35541217>
 163. **Anxiety, quality of work life and fatigue of Iran health care providers in health care centers in COVID-19 pandemic.** Przegl. Epidemiol. 2021; 75:463-

- 470Hasanpour Dehkordi A, Mirfendereski S, Hasanpour Dehkordi A.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35543407>
164. **Effects of COVID-19 pandemic and lockdown on mental health of Iranian people.** Przegl. Epidemiol. 2021; 75:484-489Mowla A, Ardekani A, Feili A, Rahimian Z. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35543421>
 165. **Practical guidelines for management of patients with suspected or confirmed COVID-19 hospitalized in a child and adolescent psychiatric ward.** Psychiatr. Pol. 2022; 56:115-122Herman A, Filip K, Wanke-Rytt M, Wolańczyk T.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35569152>
 166. **Difficulties of healthcare workers encountered under cohort isolation in a psychiatric hospital during the COVID-19 pandemic: A qualitative study.** Psychiatry Res 2022; 313:114615Bae H, Kim J, Lee SH *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35567852>
 167. **Social distancing behaviour: avoidance of physical contact and related determinants among South Africans: twelve days into the COVID-19 lockdown.** Psychol Health Med 2022;1-19Sewpaul R, Mabaso M, Cloete A *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35549779>
 168. **Covid-19 and public health ethics. Taking justice seriously.** Public Health Forum 2022; 30:24-27Wild V, Heilinger JC, Thompson A.
 169. **A comparison between healthcare workers and non-healthcare workers' anxiety, depression and PTSD during the initial COVID -19 lockdown.** Public Health Pract (Oxf) 2022; 3:100267Schou-Bredal I, Bonsaksen T, Ekeberg Ø *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35535328>
 170. **Mental Health Problems, Burnout and Resilience in Community Pharmacists during the COVID-19 Pandemic: a Cross-Sectional Study.** Saudi Pharm J 2022; Samir Al Kudsi Z, Hany Mohamed Mostafa Kamel N, El-Awaisi A *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35529886>
 171. **Impact of COVID- 19 pandemic on antidepressants consumptions by wastewater analysis in Turkey.** Sci Total Environ 2022; 838:155916Yavuz-Guzel E, Atasoy A, Gören İ E, Daglioglu N. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35568186>
 172. **Identifying Lockdown Relaxation Strategies and Policy Implications to Fight against COVID-19: Medical Experts Perspective from Pakistan.** Soc Work Public Health 2022;1-22Iqbal M, Ma J, Ullah Z *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35538734>
 173. **Bidirectional aspects of SARS-CoV-2 and sleep disorders.** Somnologie 2022; Ossadnik S, Glos M, Fietze I.
 174. **Dreams and nightmares during the pandemic.** Somnologie (Berl) 2022; 26:106-110Ableidinger S, Nierwetberg F, Holzinger B. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35528045>
 175. **Lessons from past pandemics: a systematic review of evidence-based, cost-effective interventions to suppress COVID-19.** Syst Rev 2022; 11:90Juneau CE, Pueyo T, Bell M *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35550674>
 176. **Impact of COVID-19 and lockdown on mental health and future orientation among young adult asylum seekers in Italy: A mixed-methods study.** Transcult Psychiatry 2022;13634615221098306Ceccon C, Moscardino U.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35549951>
 177. **Emotional Experiences of Pregnant and Postpartum People with Confirmed or Suspected COVID-19 Infection During the Initial Surge of the Pandemic.**

- Womens Health Rep (New Rochelle) 2022; 3:405-413Spach NC, Jaffe EF, Sullivan KA *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35559356>
178. **Predictive variables for feelings of sadness and depression while working remotely in Brazil during the COVID-19 pandemic.** Work 2022; Dibbern T, Serafim MP, Rampasso IS *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35527610>
 179. **COVID-19 pandemic-related anxiety, stress, and depression among teachers: A systematic review and meta-analysis.** Work 2022; Ma K, Liang L, Chutiyami M *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35527618>
 180. **Correlation between stress and lifestyle in teachers at some schools in lima, Peru, during telework in 2020.** Work 2022; Quiñones-Laveriano DM, Cervera-Ocaña MS, Porro-Diaz LV *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35527611>

Meta-analyses - systematic reviews (16 articles)

1. **Characteristics of registered and published systematic reviews focusing on the prevention of COVID-19: a meta-research study.** BMJ Open 2022; 12:e060255Nothacker J, Stadelmaier J, Siemens W *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35534064>
2. **Association between hypertension and prognosis of patients with COVID-19: A systematic review and meta-analysis.** Clin. Exp. Hypertens. 2022; 44:451-458Qian Z, Li Z, Peng J *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35531646>
3. **Reply-letter to the editor: "Impact of the first COVID-19 lockdown on body weight: A combined systematic review and a meta-analysis".** Clin. Nutr. 2022; Bakaloudi DR, Chourdakis M. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35562206>
4. **Epidemiology, Clinical Features, and Outcomes of Multisystem Inflammatory Syndrome in Children (MIS-C) and Adolescents-a Live Systematic Review and Meta-analysis.** Curr Pediatr Rep 2022; 10:19-30Jiang L, Tang K, Irfan O *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35540721>
5. **Function Over Mass: A Meta-Analysis on the Importance of Skeletal Muscle Quality in COVID-19 Patients.** Front Nutr 2022; 9:837719Pinto FCS, Andrade MF, Gatti da Silva GH *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35529467>
6. **The Relationship Between Hecpidin-Mediated Iron Dysmetabolism and COVID-19 Severity: A Meta-Analysis.** Front Public Health 2022; 10:881412Peng D, Gao Y, Zhang L *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35558525>
7. **COVID-19 Is Associated With a 4 Fold Increase in 30-day Mortality Risk in Hip Fracture Patients in the United Kingdom: A Systematic Review and Meta-analysis.** Geriatr Orthop Surg Rehabil 2022; 13:21514593221099375Mastan S, Hodhody G, Sajid M *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35546966>
8. **The Acute Impact of the Early Stages of COVID-19 Pandemic in People with Pre-Existing Psychiatric Disorders: A Systematic Review.** Int J Environ Res Public Health 2022; 19Carvalho S, Coelho CG, Kluwe-Schiavon B *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564538>
9. **The role of children in household transmission of COVID-19: a systematic review and meta-analysis.** Int J Infect Dis 2022; 122:266-275Chen F, Tian Y, Zhang L, Shi Y. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35562045>
10. **Low dose whole lung irradiation for treatment of COVID-19 pneumonia: A systematic review and meta-analysis.** Int. J. Radiat. Oncol. Biol. Phys. 2022;

- Kolahdouzan K, Chavoshi M, Bayani R, Darzikolaee NM.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35537577>
11. **Efficacy of Colchicine in the Treatment of COVID-19 Patients: A Systematic Review and Meta-Analysis.** J Clin Med 2022; 11Toro-Huamanchumo CJ, Benites-Meza JK, Mamani-García CS *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35566737>
 12. **Supraglottitis as the sole manifestation of COVID-19 in a patient who received two doses of mRNA vaccine.** J Microbiol Immunol Infect 2022; Chang KM, Epstein ME, Kennedy WA, 3rd, Niknam N. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35545499>
 13. **Chronic use of renin-angiotensin-aldosterone inhibitors in hypertensive COVID-19 patients: Results from a Spanish registry and meta-analysis.** Med Clin (Engl Ed) 2022; 158:315-323Aparisi Á, Catalá P, Amat-Santos IJ *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35531305>
 14. **Global prevalence and subgroup analyses of coronavirus disease (COVID-19) associated Candida auris infections (CACa): A systematic review and meta-analysis.** Mycoses 2022; 65:683-703Vaseghi N, Sharifisooraki J, Khodadadi H *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35555921>
 15. **Seroconversion rate after primary vaccination with two doses of BNT162b2 versus mRNA-1273 in solid organ transplant recipients: a systematic review and meta-analysis.** Nephrol Dial Transplant 2022; Verleye A, Wijtvlit V, Abrams S *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35544087>
 16. **COVID-19 pandemic-related anxiety, stress, and depression among teachers: A systematic review and meta-analysis.** Work 2022; Ma K, Liang L, Chutiyami M *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35527618>

Mortality (30 articles)

1. **[Syndemic Pandemic in Portugal: Social Inequality in Risk Factors Associated With COVID-19 Mortality].** Acta Med Port 2022; Perelman J. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35533082>
2. **Ambient Air Pollutant Exposures and COVID-19 Severity and Mortality in a Cohort of COVID-19 Patients in Southern California.** Am J Respir Crit Care Med 2022; Chen Z, Sidell MA, Huang BZ *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35537137>
3. **Susceptibility of Patients with Airways Disease to SARS-CoV-2 Infection.** Am J Respir Crit Care Med 2022; Conway FM, Bloom CI, Shah PL. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35549839>
4. **Attributable Mortality of Ventilator-associated Pneumonia Among COVID-19 Patients.** Am J Respir Crit Care Med 2022; Vacheron CH, Lepape A, Savey A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35537122>
5. **Urinary tubular biomarkers as predictors of death in critically ill patients with COVID-19.** Biomark. Med. 2022; 16:681-692Bezerra GF, Meneses GC, Albuquerque PL *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35531623>
6. **COVID-19 and diabetes: Association intensify risk factors for morbidity and mortality.** Biomed. Pharmacother. 2022; 151:113089Sharma P, Behl T, Sharma N *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35569351>
7. **Mortality estimation using APACHE and CT scores with stepwise linear regression method in COVID-19 intensive care unit: A retrospective study.** Clin

- [Imaging](#) 2022; 88:4-8Ayvat P, Kayhan Omeroglu S.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35533542>
8. **Mortality Risk From COVID-19 Among Unvaccinated Subjects With Autoimmune Phenotypes of Interstitial Lung Disease.** [Cureus](#) 2022; 14:e23808Strykowski RK, Poonawalla M, Tyker A *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35530871>
 9. **Quantifying the Excess Risk of Adverse COVID-19 Outcomes in Unvaccinated Individuals With Diabetes Mellitus, Hypertension, Ischaemic Heart Disease or Myocardial Injury: A Meta-Analysis.** [Front Cardiovasc Med](#) 2022; 9:871151Ng SM, Pan J, Mouyis K *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35557537>
 10. **COVID-19 Is Associated With a 4 Fold Increase in 30-day Mortality Risk in Hip Fracture Patients in the United Kingdom: A Systematic Review and Meta-analysis.** [Geriatr Orthop Surg Rehabil](#) 2022; 13:21514593221099375Mastan S, Hodhody G, Sajid M *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35546966>
 11. **Persistent viral RNA shedding of SARS-CoV-2 is associated with delirium incidence and six-month mortality in hospitalized COVID-19 patients.** [Geroscience](#) 2022;1-14Batra A, Clark JR, Kang AK *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35538386>
 12. **Impact of SARS-CoV-2 viral load and duration of symptoms before hospital admission on the mortality of hospitalized COVID-19 patients.** [Infection](#) 2022;1-8Rico-Caballero V, Fernández M, Hurtado JC *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35562568>
 13. **Incidence and predictors of mortality among COVID-19 patients admitted to treatment centers in North West Ethiopia; A retrospective cohort study, 2021.** [Int J Afr Nurs Sci](#) 2022; 16:100419Mengist B, Animut Z, Tolossa T.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35530744>
 14. **Citizenship Matters: Non-Citizen COVID-19 Mortality Disparities in New York and Los Angeles.** [Int J Environ Res Public Health](#) 2022; 19Douglas JA, Bostean G, Miles Nash A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564460>
 15. **Burden of COVID-19 Mortality and Morbidity in Poland in 2020.** [Int J Environ Res Public Health](#) 2022; 19Orlewska K, Koziel D, Klusek J, Orlewska E.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35564825>
 16. **Human Development Index Is Associated with COVID-19 Case Fatality Rate in Brazil: An Ecological Study.** [Int J Environ Res Public Health](#) 2022; 19Palamim CVC, Boschiero MN, Valencise FE, Marson FAL.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35564707>
 17. **Joint Effects of Socioeconomic Position, Race/Ethnicity, and Gender on COVID-19 Mortality among Working-Age Adults in the United States.** [Int J Environ Res Public Health](#) 2022; 19Pathak EB, Menard JM, Garcia RB, Salemi JL.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35564872>
 18. **Mortality of Care Home Residents and Community-Dwelling Controls During the COVID-19 Pandemic in 2020: Matched Cohort Study.** [J. Am. Med. Dir. Assoc.](#) 2022; 23:923-929.e922Gulliford MC, Prevost AT, Clegg A, Rezel-Potts E.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35561757>
 19. **Suppression of pituitary hormone genes in subjects who died from COVID-19 independently of virus detection in the gland.** [J. Clin. Endocrinol. Metab.](#) 2022; Poma AM, Proietti A, Macerola E *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35567590>

20. **Sartans and ACE Inhibitors: Mortality in Patients Hospitalized with COVID-19. Retrospective Study in Patients on Long-Term Treatment Who Died in the Italian Hospitals of Area Vasta n.5-Marche Region.** J Clin Med 2022; 11Mazzoni T, Maraia Z, Ruggeri B *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35566706>
21. **Declining COVID-19 mortality risk ratios must be interpreted with caution.** J. Epidemiol. Community Health 2022; Zelner J, Naraharisetti R. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35568395>
22. **Sociodemographic predictors of confirmed COVID-19 mortality and hospitalization among patients in Saudi Arabia: Analyzing a national COVID-19 database.** J Infect Public Health 2022; 15:615-620Alothaid H, Alshehri MA, Yusuf AO *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35550940>
23. **Lethal hemorrhagic necrotizing pancreatitis in a child with congenital immunodeficiency and COVID-19.** J Pediatr Surg Case Rep 2022; 82:102289Zahradníková P, Jáger R, Pechanová R *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35529604>
24. **Maternal mortality linked to COVID-19 in Latin America: Results from a multi-country collaborative database of 447 deaths.** Lancet Reg Health Am 2022; 12:100269Maza-Arnedo F, Paternina-Caicedo A, Sosa CG *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35539820>
25. **Impact of optimal vaccination and social distancing on COVID-19 pandemic.** Math Comput Simul 2022; 200:285-314Saha S, Samanta G, Nieto JJ. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35531464>
26. **COVID-19 mortality is associated with pre-existing impaired innate immunity in health conditions.** PeerJ 2022; 10:e13227Lee M, Chang Y, Ahmadinejad N *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35547187>
27. **An ecological modeling on the adjusted effects of socioeconomic determinants and HLA-DRB1 alleles in fatality of COVID-19 during the early phase of epidemics in a group of countries.** Przegl. Epidemiol. 2021; 75:471-483Yasin Ahmadi SA, Shahsavari F, Tehrani-Banihashemi A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35543420>
28. **COVID-19 death: A novel method of improving its identification when a patient has multiple diagnoses.** S Afr J Infect Dis 2022; 37:349Ngene NC, Moodley J. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35546960>
29. **Trends in COVID-19: Incidence, mortality, and case fatality in Iraq.** Saudi Med. J. 2022; 43:500-507Mawlood NA, Lafta RK. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35537730>
30. **Emergency hospital admissions, prognosis, and population mortality in Norway during the first wave of the Covid-19 epidemic.** Scand J Public Health 2022;14034948221082959Jodal HC, Juul FE, Barua I *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35546560>

Online – IT – Apps (98 articles)

1. **A practical guide for translating in-person simulation curriculum to telesimulation.** Adv Simul (Lond) 2022; 7:14Cruz-Panesso I, Perron R, Chabot V *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35551653>
2. **Designing an integrated responsive-green-cold vaccine supply chain network using Internet-of-Things: artificial intelligence-based solutions.** Ann Oper Res

- 2022:1-45 Goodarzian F, Navaei A, Ehsani B *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35540307>
3. **Experiences of caregivers and hospice leaders with telehealth for palliative care: a mixed methods study.** *Ann Palliat Med* 2022; Hughes MC, Vernon E, Kowalczyk M, Zhou H. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35542975>
 4. **Understanding the Role of Ethnic Online Communities during the COVID-19 Pandemic: A Case Study of Korean Immigrant Women's Information-Seeking Behaviors.** *Asian J Soc Sci* 2022; Jung G, Jang SH.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35528026>
 5. **Social Media Use Early in the Pandemic Predicted Later Social Well-Being and Mental Health in a National Online Sample of Adults in the United States.**
Behav. Med. 2022:1-10 Awao S, Park CL, Russell BS, Fendrich M.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35538743>
 6. **Integrating telepsychiatry services in a care setting in Kenya: a case report.**
BJPsych Int 2022; 19:E3Njenga F, Onger L, Nguithi A *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35532398>
 7. **Implementing and evaluating online advance care planning training in UK nursing homes during COVID-19: findings from the Necessary Discussions multi-site case study project.** *BMC Geriatr.* 2022; 22:419 Cousins E, Preston N, Doherty J *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35562712>
 8. **Blended teaching of medical ethics during COVID-19: practice and reflection.**
BMC Med. Educ. 2022; 22:361 Chen M, Ye L, Weng Y.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35545784>
 9. **Remote online global health education among U.S. medical students during COVID-19 and beyond.** *BMC Med. Educ.* 2022; 22:353 Moschovis PP, Dinesh A, Boguraev AS, Nelson BD. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35538485>
 10. **Digital science platform: an interactive web application and database of osteological material for anatomy education.** *BMC Med. Educ.* 2022;
22:362 Regulski P, Tomczyk J, Białowarczuk M *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35550120>
 11. **Readability, understandability and language accessibility of Swedish websites about the coronavirus disease 2019: a cross-sectional study.** *BMC Med. Inform. Decis. Mak.* 2022; 22:131 Georgsson S, Carlsson T.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35562701>
 12. **Subjective wellbeing and emotion regulation strategies: How are they associated with student engagement in online learning during Covid-19?** *Br. J. Educ. Psychol.* 2022; Zhoc KCH, Cai Y, Yeung SS, Shan J.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35567326>
 13. **An Open-Publishing Response to the COVID-19 Infodemic.** *CEUR Workshop Proc* 2021; 2976:29-38 Rando HM, Boca SM, McGowan LD *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35558551>
 14. **The Feasibility of Providing Remote Functional Family Therapy with Adolescents During the COVID-19 Pandemic: A Mixed-Method Study.** *Child Youth Care Forum* 2022:1-26 Lange AMC, Humayun S, Jefford T.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35531310>
 15. **Exploring Coronavirus Disease 2019 Vaccine Hesitancy on Twitter Using Sentiment Analysis and Natural Language Processing Algorithms.** *Clin Infect Dis* 2022; 74:e4-e9 Bari A, Heymann M, Cohen RJ *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35568473>

16. **Did the Tokyo Olympic Games enhance the transmission of COVID-19? An interpretation with machine learning.** Comput. Biol. Med. 2022; 146:105548Hirata A, Kodera S, Diao Y, Rashed EA. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35537221>
17. **The popularity of contradictory information about COVID-19 vaccine on social media in China.** Comput. Human Behav. 2022; 134:107320Wang D, Zhou Y. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35527790>
18. **Social media sentiment analysis to monitor the performance of vaccination coverage during the early phase of the national COVID-19 vaccine rollout.** Comput. Methods Programs Biomed. 2022; 221:106838Rahmanti AR, Chien CH, Nursetyo AA *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35567863>
19. **A novel COVID-19 sentiment analysis in Turkish based on the combination of convolutional neural network and bidirectional long-short term memory on Twitter.** Concurr Comput 2022:e6883Kabakus AT. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35539003>
20. **Mining voices from self-expressed messages on social-media: Diagnostics of mental distress during COVID-19.** Decis Support Syst 2022:113792Kumar R, Mukherjee S, Choi TM, Dhamotharan L. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35542965>
21. **Using Twitter to understand perspectives and experiences of dementia and caregiving at the beginning of the COVID-19 pandemic.** Dementia (London) 2022:14713012221096982Bartmess M, Talbot C, O'Dwyer ST *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35549466>
22. **High-throughput digital cough recording on a university campus: A SARS-CoV-2-negative curated open database and operational template for acoustic screening of respiratory diseases.** Digit Health 2022; 8:20552076221097513Keen EM, True EJ, Summers AR *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35558638>
23. **COVID-19 vaccine website accessibility dashboard.** Disabil Health J 2022:101325Jo G, Habib D, Varadaraj V *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35534390>
24. **Pocket-sized, wireless-Bluetooth ultrasound system to perform diagnostic and low-complexity interventional procedures in bedridden patients during the COVID-19 pandemic: from intensive care unit to domiciliary service?** Eur Radiol Exp 2022; 6:20Ossola C, Piacentino F, Fontana F *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35534781>
25. **A Comprehensive Review of Artificial Intelligence in Prevention and Treatment of COVID-19 Pandemic.** Front Genet 2022; 13:845305Wang H, Jia S, Li Z *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35559010>
26. **Radical Acceptance of Reality: Putting DBT®-A Skill Groups Online During the COVID-19 Pandemic: A Qualitative Study.** Front Psychiatry 2022; 13:617941Bock MM, Graf T, Woeber V *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35546945>
27. **The Benefits of Being Proactive While Working Remotely: Leveraging Self-Leadership and Job Crafting to Achieve Higher Work Engagement and Task Significance.** Front. Psychol. 2022; 13:833776Costantini A, Weintraub J. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35548485>
28. **Understanding Experiential Satisfaction of M-Payment Apps During COVID-19 Pandemic.** Front. Psychol. 2022; 13:893284Putra RL, Setiawan M, Hussein AS, Yuniarinto A. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35548515>

29. **Improving the Behavioral Intention of Continuous Online Learning Among Learners in Higher Education During COVID-19.** Front. Psychol. 2022; 13:857709 Xu W, Shen ZY, Lin SJ, Chen JC. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35558726>
30. **Technostress Creators and Outcomes Among Egyptian Medical Staff and Students: A Multicenter Cross-Sectional Study of Remote Working Environment During COVID-19 Pandemic.** Front Public Health 2022; 10:796321 Kasemy ZA, Sharif AF, Barakat AM *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35558536>
31. **Pandemics and Human Capital: Panel Data Evidence From 122 Countries.** Front Public Health 2022; 10:885957 Sun J, Cai K, Shen H. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35548078>
32. **Digitally Savvy at the Home Office: Computer Skills of Older Workers During the COVID-19 Pandemic Across Europe.** Front Sociol 2022; 7:858052 König R, Seifert A. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35557508>
33. **Lessons learned: Telemedicine patterns and clinical application in patients with gynecologic cancers during COVID-19.** Gynecol Oncol Rep 2022; 41:100986 Ackroyd SA, Walls M, Kim JS, Lee NK. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35540027>
34. **On the demand for telemedicine: Evidence from the COVID-19 pandemic.** Health Econ. 2022; 31:1491-1505 Busso M, Gonzalez MP, Scartascini C. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35527351>
35. **Improving access to COVID-19 information by ensuring the readability of government websites.** Health Promot. J. Austr. 2022; Serry T, Stebbins T, Martchenko A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35535619>
36. **Teleconsultation in family medicine amid the Covid-19 pandemic: An adequate tool?** Infect Dis Now 2022; Verhaeghe H, Chellum N, Tressières B *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35537686>
37. **Analyzing the vaccination debate in social media data Pre- and Post-COVID-19 pandemic.** Int J Appl Earth Obs Geoinf 2022; 110:102783 Chen Q, Crooks A. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35528967>
38. **An iterative topic model filtering framework for short and noisy user-generated data: analyzing conspiracy theories on twitter.** Int J Data Sci Anal 2022; 1-21 Kant G, Wiebelt L, Weisser C *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35542313>
39. **Swedish Pupils' Perspectives on Emergency Remote Teaching during COVID-19 - A Qualitative Study.** Int J Educ Res Open 2022; 3:100167 Ringer N, Kreitz-Sandberg S. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35541761>
40. **Connecting Roma Communities in COVID-19 Times: The First Roma Women Students' Gathering Held Online.** Int J Environ Res Public Health 2022; 19 Aiello E, Khalfaoui A, Torrens X, Flecha R. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564919>
41. **A Robot-Mediated Activity Using the Nao Robot to Promote COVID-19 Precautionary Measures among Older Adults in Geriatric Facilities.** Int J Environ Res Public Health 2022; 19 Blavette L, Rigaud AS, Anzalone SM *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564615>
42. **The Usage of an Air Purifier Device with HEPA 14 Filter during Dental Procedures in COVID-19 Pandemic: A Randomized Clinical Trial.** Int J Environ

- Res Public Health 2022; 19Capparè P, D'Ambrosio R, De Cunto R *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35564533>
43. **Shared Virtual Reality Experiences during the COVID-19 Pandemic: Exploring the Gratifications and Effects of Engagement with Immersive Videos.** Int J Environ Res Public Health 2022; 19Cheng Y, Wang Y, Zhao W.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35564451>
 44. **Mis-Dis Information in COVID-19 Health Crisis: A Narrative Review.** Int J Environ Res Public Health 2022; 19Clemente-Suárez VJ, Navarro-Jiménez E, Simón-Sanjurjo JA *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564714>
 45. **Behavior Modification Techniques on Patients with Chronic Pain in the Context of COVID-19 Telerehabilitation: An Umbrella Review.** Int J Environ Res Public Health 2022; 19Cuenca-Martínez F, Calatayud J, Suso-Martí L *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35564652>
 46. **Social Determinants of Health and Distance Learning in Italy in the Era of the SARS-CoV-2 Pandemic.** Int J Environ Res Public Health 2022; 19Dondi A, Lenzi J, Candela E *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35565136>
 47. **Impaired Perceptions and Conspiracy Beliefs about the Way of Emergence of the COVID-19 Infection.** Int J Environ Res Public Health 2022; 19Fenercioglu AK, Can G, Sipahioglu NT *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564952>
 48. **Orthopedic Telemedicine Outpatient Practice Diagnoses Set during the First COVID-19 Pandemic Lockdown-Individual Observation.** Int J Environ Res Public Health 2022; 19Glinkowski WM. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564814>
 49. **Social Media User Behavior and Emotions during Crisis Events.** Int J Environ Res Public Health 2022; 19Gu M, Guo H, Zhuang J *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35564591>
 50. **Telemedicine and Haemodialysis Care during the COVID-19 Pandemic: An Integrative Review of Patient Safety, Healthcare Quality, Ethics and the Legal Considerations in Singapore Practice.** Int J Environ Res Public Health 2022; 19Haroon S, Voo TC, Chua H *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564840>
 51. **Disparities in COVID-19 Information Sources and Knowledge in South Korea.** Int J Environ Res Public Health 2022; 19Jang SH.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35564592>
 52. **Caregivers' Difficulty in Managing Smartphone Use of Children with Attention-Deficit/Hyperactivity Disorder during the COVID-19 Pandemic: Relationships with Caregiver and Children Factors.** Int J Environ Res Public Health 2022; 19Lee JI, Hsiao RC, Tsai CS, Yen CF. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564588>
 53. **Applications and Current Medico-Legal Challenges of Telemedicine in Ophthalmology.** Int J Environ Res Public Health 2022; 19Mazzuca D, Borselli M, Gratteri S *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35565003>
 54. **"Get Used to the Fact That Some of the Care Is Really Going to Take Place in a Different Way": General Practitioners' Experiences with E-Health during the COVID-19 Pandemic.** Int J Environ Res Public Health 2022; 19Meurs M, Keuper J, Sankatsing V *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564519>
 55. **A Utility Framework for COVID-19 Online Forward Triage Tools: A Swiss Telehealth Case Study.** Int J Environ Res Public Health 2022; 19Michel J, Mettler A, Müller M *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564576>

56. **Telemedicine in the COVID-19 Era: A Narrative Review Based on Current Evidence.** *Int J Environ Res Public Health* 2022; 19:Nittari G, Savva D, Tomassoni D *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564494>
57. **Machine Learning, Deep Learning, and Mathematical Models to Analyze Forecasting and Epidemiology of COVID-19: A Systematic Literature Review.** *Int J Environ Res Public Health* 2022; 19:Saleem F, Al-Ghamdi ASA, Alassafi MO, AlGhamdi SA. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564493>
58. **COVID-19 Vaccine Acceptance among Social Media Users: A Content Analysis, Multi-Continent Study.** *Int J Environ Res Public Health* 2022; 19:Shaaban R, Ghazy RM, Elsherif F *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35565132>
59. **Burnout and Online Medical Education: Romanian Students in Lockdown and Their Residency Choices.** *Int J Environ Res Public Health* 2022; 19:Silistraru I, Olariu O, Ciubara A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564841>
60. **Social Media Use in E-Learning amid COVID 19 Pandemic: Indian Students' Perspective.** *Int J Environ Res Public Health* 2022; 19:Sobaih AEE, Palla IA, Baquee A. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564771>
61. **Challenges and Drawbacks of the EU Medical System Generated by the COVID-19 Pandemic in the Field of Health Systems' Digitalization.** *Int J Environ Res Public Health* 2022; 19:Țăran AM, Mustea L, Vătavu S *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564345>
62. **Correlation Analysis between Urban Elements and COVID-19 Transmission Using Social Media Data.** *Int J Environ Res Public Health* 2022; 19:Wang R, Liu L, Wu H, Peng Z. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564606>
63. **Factors Influencing the Perceived Effectiveness of COVID-19 Risk Assessment Mobile Application "MorChana" in Thailand: UTAUT2 Approach.** *Int J Environ Res Public Health* 2022; 19:Yuduang N, Ong AKS, Prasetyo YT *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35565040>
64. **What Breeds Conspiracy Theories in COVID-19? The Role of Risk Perception in the Belief in COVID-19 Conspiracy.** *Int J Environ Res Public Health* 2022; 19:Zeng Z, Ding Y, Zhang Y, Guo Y. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564791>
65. **Assessing the value of healthcare innovations: a proposal for an integrated health technology assessment-responsible innovation in health approach in the "new normal".** *Int. J. Technol. Assess. Health Care* 2022; 38:e47Mukherjee K, Walley T. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35549786>
66. **Universities' communication of COVID-19 cases through online dashboards.** *J. Am. Coll. Health* 2022;1-4Swarts E, Seitz CM, Bouldin ED *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35549628>
67. **Protective and risk social dimensions of emergency remote teaching during COVID-19 pandemic: A multiple mediation study.** *J. Community Psychol.* 2022; Procentese F, Gatti F, Ceglie E. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35551675>
68. **Telephone communication with relatives of hospitalised COVID-19 patients by a specialised family support team: lessons learned.** *J Med Ethics Hist Med* 2021; 14:18Ayora A, Nogueras C, Jimenez-Panes S, Cortinas-Rovira S. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35531086>
69. **The Influence of Perceived Social Presence on the Willingness to Communicate in Mobile Medical Consultations: Experimental Study.** *J Med*

- [Internet Res](http://www.ncbi.nlm.nih.gov/pubmed/?term=35544293) 2022; 24:e31797Chen L, Zhang D, Hou M.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35544293>
70. **Media Use During the COVID-19 Pandemic: Cross-sectional Study.** [*J Med Internet Res* 2022; 24:e33011](#)Rivest-Beauregard M, Fortin J, Guo C *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35537033>
 71. **Investigating the feasibility of MePlusMe, an online intervention to support mental health, well-being, and study skills in higher education students.** [*J Ment Health* 2022;1-11](#)Goozee R, Barrable A, Lubenko J *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35549804>
 72. **Characterizing the Reaction of Doctors to COVID-19 on Twitter.** [*J Quant Descr Digit Media* 2022; 2](#)Hsia K, Kong E. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35542174>
 73. **Perceptions of distance learning among Al-Qunfudhah medical students during the COVID-19 pandemic.** [*J Taibah Univ Med Sci* 2022; 17:516-522](#)Alkalash SH, Alabdali JA, Aldabli AO *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35528233>
 74. **Telehealth utilisation in residential aged care facilities during the COVID-19 pandemic: A retrospective cohort study in Australian general practice.** [*J Telemed Telecare* 2022;1357633x221094406](#)Dai Z, Sezgin G, Li J *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35544365>
 75. **The Associations Between Racially/Ethnically Stratified COVID-19 Tweets and COVID-19 Cases and Deaths: Cross-sectional Study.** [*JMIR Form Res* 2022; 6:e30371](#)Liu X, Kar B, Montiel Ishino FA *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35537056>
 76. **Strengthening the Impact of Digital Cognitive Behavioral Interventions Through a Dual Intervention: Proficient Motivational Interviewing-Based Health Coaching Plus In-Application Techniques.** [*JMIR Form Res* 2022; 6:e34552](#)Serio C, Gabarda A, Uyar-Morency F *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35544323>
 77. **Health Literacy, Equity, and Communication in the COVID-19 Era of Misinformation: Emergence of Health Information Professionals in Infodemic Management.** [*JMIR Infodemiology* 2022; 2:e35014](#)Kyabaggu R, Marshall D, Ebuwei P, Ikenyei U. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35529308>
 78. **Deep Neural Networks for Simultaneously Capturing Public Topics and Sentiments During a Pandemic: Application on a COVID-19 Tweet Data Set.** [*JMIR Med Inform* 2022; 10:e34306](#)Boukobza A, Burgun A, Roudier B, Tsopra R.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35533390>
 79. **Digital Health Interventions for Delivery of Mental Health Care: Systematic and Comprehensive Meta-Review.** [*JMIR Ment Health* 2022; 9:e35159](#)Philippe TJ, Sikder N, Jackson A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35551058>
 80. **Social Media and Online Digital Technology Use Among Muslim Young People and Parents: Qualitative Focus Group Study.** [*JMIR Pediatr Parent* 2022; 5:e36858](#)Douglass CH, Borthwick A, Lim MSC *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35536616>
 81. **The Efficacy of a Brief, Altruism-Eliciting Video Intervention in Enhancing COVID-19 Vaccination Intentions Among a Population-Based Sample of Younger Adults: Randomized Controlled Trial.** [*JMIR Public Health Surveill* 2022; 8:e37328](#)Zhu P, Tatar O, Griffin-Mathieu G *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35544437>

82. **Who was at risk for COVID-19 late in the US pandemic? Insights from a population health machine learning model.** Med. Biol. Eng. Comput. 2022;1-11 Adeoye EA, Rozenfeld Y, Beam J *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35538201>
83. **Experience of the Egyptian Physical Therapy Educators on the Online Teaching During COVID-19 Outbreak 2021.** Med. Educ. Online 2022; 27:2073861 El-Sobkey SB. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35549657>
84. **The influence of COVID-19 pandemic lockdown on the physical activity of people with multiple sclerosis. The role of online training.** Mult Scler Relat Disord 2022; 63:103843 Matysiak M, Siger M, Walczak A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35550480>
85. **Three-Dimensional Virtual Reality Spinal Cord Stimulator Training Improves Trainee Procedural Confidence and Performance.** Neuromodulation 2022; White WW, Jr., Jung MJ. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35570148>
86. **Decolonizing Knowledge Upstream: New Ways to Deconstruct and Fight Disinformation in an Era of COVID-19, Extreme Digital Transformation, and Climate Emergency.** OMICS 2022; 26:247-269 Özdemir V, Springer S. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35544326>
87. **Online options for future conferences will have an important positive impact for Early Career Researchers in pediatric pain.** Paediatr Neonatal Pain 2021; 3:9-11 Hartley C. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35548849>
88. **ECMO simulation training during a worldwide pandemic: The role of ECMO telesimulation.** Perfusion 2022:2676591221093868 Wong AS, Marwali EM, Maclaren G *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35543363>
89. **A novel textual track-data-based approach for estimating individual infection risk of COVID-19.** Risk Anal. 2022; Wei L, Li X, Jing Z, Liu Z. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35568692>
90. **Feasibility of using telephone interviews and internet-based message services during the COVID-19 pandemic in rural Sri Lanka: experiences of the Rajarata Pregnancy Cohort.** Rural Remote Health 2022; 22:7442 Jayasinghe I, Wickramasinghe Y, Kurera DM *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35546146>
91. **Ten GIS-Based Solutions for Managing and Controlling COVID-19 Pandemic Outbreak.** SN Comput Sci 2022; 3:269 Samany NN, Liu H, Aghataher R, Bayat M. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35531569>
92. **A probabilistic approach toward evaluation of Internet rumor on COVID.** Soft comput 2022:1-12 Yang Y, Nazir S, Khalil W. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35528710>
93. **A Graphic Transformation: A Qualitative Study of Transformative Learning in Medical Trainees during COVID-19 Using Comics as Data Presentation.** Teach. Learn. Med. 2022:1-16 Vipler B, Green M, McCall-Hosenfeld J *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35567316>
94. **Evolution of the internet gender gaps in Spain and effects of the Covid-19 pandemic.** Telecomm Policy 2022:102371 Garín-Muñoz T, Pérez-Amaral T, Valarezo Á. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35542497>
95. **National Trends in Pediatric Ambulatory Telehealth Utilization and Follow-Up Care.** Telemed J E Health 2022; Rabbani N, Chen JH. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35544068>

96. **Outpatient maternity care and telemedicine use perceptions in the COVID-19 pandemic: a 2020 CERA survey.** Women Health 2022; 62:402-411 Foster KE, Casola AR, Uzumcu Z *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35531759>
97. **When home becomes classroom: The shifting roles of Korean immigrant mothers in the management of children's education during COVID-19 in the US.** Womens Stud. Int. Forum 2022; 92:102598 Jung G, Yim SS, Jang SH. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35528390>
98. **Factors associated with the implementation of health-promoting telework from the perspective of company decision makers after the first COVID-19 lockdown.** Z Gesundh Wiss 2022:1-15 Lang G, Hofer-Fischanger K. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35530416>

Other – Miscellaneous (124 articles)

1. **Patterns and predictors of alcohol use during the early stages of the COVID-19 pandemic in Australia: Longitudinal cohort study.** Alcohol. Clin. Exp. Res. 2022; Batterham PJ, Shou Y, Farrer LM *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35567305>
2. **Alcohol use trajectories among U.S. adults during the first 42 weeks of the COVID-19 pandemic.** Alcohol. Clin. Exp. Res. 2022; Leventhal AM, Cho J, Ray LA *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35532741>
3. **Identifying essential critical infrastructure workers during the COVID-19 pandemic using standardized industry codes.** Am. J. Ind. Med. 2022; 65:548-555 Billock RM, Haring Sweeney M, Steege AL *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35532007>
4. **Ambient Air Pollutant Exposures and COVID-19 Severity and Mortality in a Cohort of COVID-19 Patients in Southern California.** Am J Respir Crit Care Med 2022; Chen Z, Sidell MA, Huang BZ *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35537137>
5. **Experiences, Perceptions of Risk, and Lasting Impacts of COVID-19 for Employees in the Public Transport Sector.** Ann Work Expo Health 2022; Gartland N, Coleman A, Fishwick D *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35567752>
6. **The impact of COVID-19 on social support perception and stress of prehospital care providers.** Australas Emerg Care 2022; Unal M, Yilmaz A, Yilmaz H *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35534357>
7. **Modular reactivation of Mexico City after COVID-19 lockdown.** BMC Public Health 2022; 22:961 de Anda-Jáuregui G, García-García L, Hernández-Lemus E. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35562789>
8. **COVID-19 outbreak in a state prison: a case study on the implementation of key public health recommendations for containment and prevention.** BMC Public Health 2022; 22:977 Duarte C, Cameron DB, Kwan AT *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35568894>
9. **Urban and sub-urban disparities in health outcomes among patients with COVID-19; a cross-sectional study of 234 418 patients in Iran.** BMC Public Health 2022; 22:927 Sohrabi MR, Amin R, Maher A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35538564>
10. **Perceived importance of pandemic interventions for attending cultural events - findings from Germany.** BMC Public Health 2022; 22:925 Weber M, Plew M,

- Neumann C *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35538452>
11. **10 minutes with Professor Helen Stokes-Lampard.** *BMJ Lead* 2022; 6:73-75Wade C. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35537017>
 12. **Sociodemographic differences in patient experience with primary care during COVID-19: results from a cross-sectional survey in Ontario, Canada.** *BMJ Open* 2022; 12:e056868Agarwal P, Wang R, Meaney C *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35534055>
 13. **NIH funding of COVID-19 research in 2020: a cross-sectional study.** *BMJ Open* 2022; 12:e059041Balaguru L, Dun C, Meyer A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35545399>
 14. **How national leaders keep 'us' safe: A longitudinal, four-nation study exploring the role of identity leadership as a predictor of adherence to COVID-19 non-pharmaceutical interventions.** *BMJ Open* 2022; 12:e054980Frenzel SB, Haslam SA, Junker NM *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35537783>
 15. **Psychological, social and financial impacts of COVID-19 on culturally and linguistically diverse communities in Sydney, Australia.** *BMJ Open* 2022; 12:e058323Muscat DM, Ayre J, Mac O *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35537788>
 16. **The CLASS Study (Circadian Light in Adolescence, Sleep and School): protocol for a prospective, longitudinal cohort to assess sleep, light, circadian timing and academic performance in adolescence.** *BMJ Open* 2022; 12:e055716Stone JE, Wiley J, Chachos E *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35537785>
 17. **Impact of physical activity on COVID-19-related symptoms and perception of physical performance, fatigue and exhaustion during stay-at-home orders.** *BMJ Open Sport Exerc Med* 2022; 8:e001319Gehlhar A, Schmidt N, Eisenburger N *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35539285>
 18. **Returning persons with SARS-CoV-2 to the field of play in professional golf: a risk assessment and risk reduction approach.** *BMJ Open Sport Exerc Med* 2022; 8:e001347Robinson PG, Murray A, Close G *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35539286>
 19. **Public health crises and Ukrainian refugees.** *Brain Behav Immun* 2022; 103:243-245Su Z, McDonnell D, Cheshmehzangi A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35550853>
 20. **Brain and behavior in health communication: The Canadian COVID-19 Experiences Project.** *Brain Behav Immun Health* 2022; 22:100467Hall PA, Fong GT, Hitchman SC *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35527791>
 21. **Factors associated with changes in exercise behaviors during the COVID-19 pandemic.** *Cancer Causes Control* 2022; 33:939-950Himbert C, Hathaway CA, Daniels B *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35554777>
 22. **Impact of the SARS-CoV-2 lockdown measures in Southern Spain on PM10 trace element and gaseous pollutant concentrations.** *Chemosphere* 2022; 303:134853Millán-Martínez M, Sánchez-Rodas D, Sánchez de la Campa AM, de la Rosa J. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35537626>
 23. **Data-driven analysis of the impact of COVID-19 on Madrid's public transport during each phase of the pandemic.** *Cities* 2022; 127:103723Fernández Pozo R, Wilby MR, Vinagre Díaz JJ, Rodríguez González AB. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35530724>

24. **Paris Agreement requires substantial, broad, and sustained policy efforts beyond COVID-19 public stimulus packages.** Clim Change 2022; 172:1 Tanaka K, Azar C, Boucher O *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35529022>
25. **Impact of the COVID-19 pandemic on immune boosting food consumption and overall dietary pattern among selected Indian adults: An observational study.** Clin Epidemiol Glob Health 2022; 15:101056 Gonella K, Nayak SP, Garg M, Kotebagilu NP. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35527741>
26. **Reproductive Health and Coronavirus Disease 2019-Induced Economic Contracture: Lessons From the Great Recession.** Clin. Ther. 2022; 44:914-921 Louis L, Frankel A, Ayub A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35570055>
27. **Prediction of electricity energy consumption including COVID-19 precautions using the hybrid MLR-FFANN optimized with the stochastic fractal search with fitness distance balance algorithm.** Concurr Comput 2022:e6947 Dalcali A, Özbay H, Duman S. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35539002>
28. **COVID-19 regulations, culture, and the environment.** Econ Model 2022; 113:105874 Mohanty A, Sharma S. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35527789>
29. **Determinants of Trust in Banks' Payment Services During COVID: An Exploration Using Daily Data.** Economist (Leiden) 2022; 170:231-256 Bijlsma M, van der Crujisen C, Koldijk J. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35540175>
30. **The Short-Term Effect of the COVID-19 Crisis on Employment Probabilities of Labour-Market Entrants in the Netherlands.** Economist (Leiden) 2022; 170:279-303 Bussink H, Vervliet T, Ter Weel B. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35529244>
31. **Electricity consumption variation of public buildings in response to COVID-19 restriction and easing policies: A case study in Scotland, U.K.** Energy Build 2022; 267:112149 Huang Z, Gou Z. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35528314>
32. **Ventilating aged-care center based on solar chimney: Design and theoretical analysis.** Energy Build 2022; 266:112145 Wang Q, Zhang G, Wu Q, Shi L. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35529072>
33. **Connectedness of energy markets around the world during the COVID-19 pandemic.** Energy Econ 2022; 109:105900 Akyildirim E, Cepni O, Molnár P, Uddin GS. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35529585>
34. **Smoking, drinking, and physical activity among Korean adults before and during the COVID-19 pandemic: a special report of the 2020 Korea National Health and Nutrition Examination Survey.** Epidemiol Health 2022; 44:e2022043 Choi S, Bahk J, Park S *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35538697>
35. **Changes in Alcohol Use in Denmark during the Initial Months of the COVID-19 Pandemic: Further Evidence of Polarization of Drinking Responses.** Eur. Addict. Res. 2022:1-12 Bloomfield K, Kilian C, Manthey J *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35545059>
36. **How has public perception of food safety and health risks changed a year after the pandemic and vaccines roll out?** Food Control 2022; 139:109073 Faour-Klingbeil D, Osaili TM, Al-Nabulsi AA *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35531071>

37. **Pandemics and Human Capital: Panel Data Evidence From 122 Countries.** Front Public Health 2022; 10:885957Sun J, Cai K, Shen H.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35548078>
38. **The role of health systems for health security: a scoping review revealing the need for improved conceptual and practical linkages.** Global Health 2022; 18:51Brown GW, Bridge G, Martini J *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35570269>
39. **Wildfire-Induced Pollution and its Short-Term Impact on COVID-19 Cases and Mortality in California.** Gondwana Res 2022; Naqvi HR, Mutreja G, Shakeel A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35529075>
40. **Air quality change and public perception during the COVID-19 lockdown in India.** Gondwana Res 2022; Sekar A, Jasna RS, Binoy BV *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35529076>
41. **Impact of the COVID-19 Pandemic on the Hawai'i Nursing Workforce: A Cross-sectional Survey.** Hawaii J Health Soc Welf 2022; 81:119-126Fontenot HB, Michel A, Lim E *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35528753>
42. **Collectivism, individualism and COVID-19 prevention: a cross sectional study of personality, culture and behavior among Canadians.** Health Psychol Behav Med 2022; 10:415-438Card KG. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35528715>
43. **Measuring a panic buying behavior: the role of awareness, demographic factors, development, and verification.** Heliyon 2022; 8:e09372Alfuqaha OA, Aladwan DA, Al Thaher Y, Alhalaiqa FN. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35540934>
44. **Assessment of indoor and outdoor air quality in primary schools of Cyprus during the COVID-19 pandemic measures in May-July 2021.** Heliyon 2022; 8:e09354Konstantinou C, Constantinou A, Kleovoulou EG *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35529701>
45. **Impact of lockdown due to COVID-19 on nutrition and food security of the selected low-income households in Bangladesh.** Heliyon 2022; 8:e09368Rezaul Karim KM, Tasnim T. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35540930>
46. **Metaphors we Lie by: our 'War' against COVID-19.** Hist Philos Life Sci 2022; 44:18Benzi M, Novarese M. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35553252>
47. **Consequences of COVID-19 on the Reindeer Husbandry in Norway: a Pilot Study Among Management Staff and Herders.** Hum. Ecol. Interdiscip. J. 2022:1-12Fisktjønmo GLH, Næss MW. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35530268>
48. **Relationship between occupational injury and gig work experience in Japanese workers during the COVID-19 pandemic: a cross-sectional internet survey.** Ind. Health 2022; Morita Y, Kandabashi K, Kajiki S *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35545553>
49. **Strategies to manage working from home during the pandemic: the employee experience.** Ind. Health 2022; Oakman J, Kinsman N, Graham M *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35545555>
50. **Associations between physical work environment, workplace support for health, and presenteeism: a COVID-19 context.** Int. Arch. Occup. Environ. Health 2022:1-10Danquah E, Asiamah N. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35570224>

51. **Accelerometer-measured physical activity and sedentary time among children and their parents in the UK before and after COVID-19 lockdowns: a natural experiment.** *Int. J. Behav. Nutr. Phys. Act.* 2022; 19:51 Salway R, Foster C, de Vocht F *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35570265>
52. **Impact of Short-Term Air Pollution on Respiratory Infections: A Time-Series Analysis of COVID-19 Cases in California during the 2020 Wildfire Season.** *Int J Environ Res Public Health* 2022; 19: Ademu LO, Gao J, Thompson OP, Ademu LA. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564452>
53. **The Impact of Lockdowns on Caffeine Consumption: A Systematic Review of the Evidence.** *Int J Environ Res Public Health* 2022; 19: Bakaloudi DR, Evripidou K, Jayawardena R *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564647>
54. **Will Macau's Restaurants Survive or Thrive after Entering the O2O Food Delivery Platform in the COVID-19 Pandemic?** *Int J Environ Res Public Health* 2022; 19: Cheong F, Law R. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564497>
55. **Do Contextual and Demographic Factors Help Malaysian Nurses Prepare in Dealing with the COVID-19 Pandemic?** *Int J Environ Res Public Health* 2022; 19: Chua BS, Cosmas G, Arsath N, Wider W. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564498>
56. **Effects and Causes of Detraining in Athletes Due to COVID-19: A Review.** *Int J Environ Res Public Health* 2022; 19: Córdova-Martínez A, Caballero-García A, Roche E *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564795>
57. **Personal Care and Household Cleaning Product Use among Pregnant Women and New Mothers during the COVID-19 Pandemic.** *Int J Environ Res Public Health* 2022; 19: Deierlein AL, Grayson AR, Zhu X *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35565038>
58. **Mat-O-Covid: Validation of a SARS-CoV-2 Job Exposure Matrix (JEM) Using Data from a National Compensation System for Occupational COVID-19.** *Int J Environ Res Public Health* 2022; 19: Descatha A, Sembajwe G, Gilbert F *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35565128>
59. **Predictors of Healthcare Professionals' Work Difficulty Perception during the COVID-19 Pandemic: Study of Work Environment in a Pandemic Hospital.** *Int J Environ Res Public Health* 2022; 19: Emhan A, Elkefi S, Asan O. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564568>
60. **Changes in Physical Activity Levels and Eating Behaviours during the COVID-19 Pandemic: Sociodemographic Analysis in University Students.** *Int J Environ Res Public Health* 2022; 19: Ferrara M, Langiano E, Falese L *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564943>
61. **COVID-19 Lockdown in Israel: The Environmental Effect on Ultrafine Particle Content in the Airway.** *Int J Environ Res Public Health* 2022; 19: Fireman Klein E, Elimeleh Y, Adir Y *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564902>
62. **COVID-19 and Attendance Demand for Professional Sport in Japan: A Multilevel Analysis of Repeated Cross-Sectional National Data during the Pandemic.** *Int J Environ Res Public Health* 2022; 19: Funahashi H, Sato S, Furukawa T. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564713>
63. **Ecological Model Explaining the Psychosocial Adaptation to COVID-19.** *Int J Environ Res Public Health* 2022; 19: Gaspar T, Paiva T, Matos MG. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564553>
64. **The Moral, Ethical, Personal, and Professional Challenges Faced by Physicians during the COVID-19 Pandemic.** *Int J Environ Res Public Health* 2022;

- 19Goniewicz K, Goniewicz M, Włoszczak-Szubzda A *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35565036>
65. **Analysis of the Effects of Lockdown on Staff and Students at Universities in Spain and Colombia Using Natural Language Processing Techniques.** *Int J Environ Res Public Health* 2022; 19Jojoa M, Garcia-Zapirain B, Gonzalez MJ *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35565099>
 66. **Relationship between Meteorological and Air Quality Parameters and COVID-19 in Casablanca Region, Morocco.** *Int J Environ Res Public Health* 2022; 19Khalis M, Toure AB, El Badisy I *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564384>
 67. **Impact of the COVID-19 Pandemic on Tobacco Sales and National Smoking Cessation Services in Korea.** *Int J Environ Res Public Health* 2022; 19Kim J, Lee S. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564394>
 68. **Fine-Tuning BERT Models to Classify Misinformation on Garlic and COVID-19 on Twitter.** *Int J Environ Res Public Health* 2022; 19Kim MG, Kim M, Kim JH, Kim K. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564518>
 69. **Impact of the COVID-19 Pandemic Era on Residential Property Features: Pilot Studies in Poland.** *Int J Environ Res Public Health* 2022; 19Kocur-Bera K. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35565060>
 70. **Alcohol Use of German Adults during Different Pandemic Phases: Repeated Cross-Sectional Analyses in the COVID-19 Snapshot Monitoring Study (COSMO).** *Int J Environ Res Public Health* 2022; 19Koeger M, Schillok H, Voss S *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564883>
 71. **Analyzing Commute Mode Choice Using the LCNL Model in the Post-COVID-19 Era: Evidence from China.** *Int J Environ Res Public Health* 2022; 19Luan S, Yang Q, Jiang Z *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564471>
 72. **Changes in Air-Pollution-Related Information-Seeking Behaviour during the COVID-19 Pandemic in Poland.** *Int J Environ Res Public Health* 2022; 19Nazar W, Niekoszko M. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35565002>
 73. **One Word to Describe My Experience as a COVID-19 Survivor Six Months after Its Onset: Findings of a Qualitative Study.** *Int J Environ Res Public Health* 2022; 19Palese A, Peghin M, Bressan V *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564348>
 74. **The Impact of COVID-19 Incidence on Motivation to Participate in a Triathlon.** *Int J Environ Res Public Health* 2022; 19Pocztka J, Almeida N, Paczyńska-Jędrycka M, Kruszyńska E. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564971>
 75. **Modeling COVID-19 Impacts and Response Strategies in the Construction Industry: PLS-SEM Approach.** *Int J Environ Res Public Health* 2022; 19Radzi AR, Rahman RA, Almutairi S. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564719>
 76. **A Socioecological Perspective of How Physical Activity and Sedentary Behaviour at Home Changed during the First Lockdown of COVID-19 Restrictions: The HomeSPACE Project.** *Int J Environ Res Public Health* 2022; 19Richards AB, Minou M, Sheldrick MP *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564463>
 77. **Impact of Socioeconomic Status on the Perception of Accessibility to and Quality of Healthcare Services during the COVID-19 Pandemic among Poles-Pilot Study.** *Int J Environ Res Public Health* 2022; 19Tuczyńska M, Staszewski R, Matthews-Kozanecka M, Baum E. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35565127>

78. **Irrational Consumption during the COVID-19 Period.** Int J Environ Res Public Health 2022; 19Yu W, He L, Lin X *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564427>
79. **Accessibility of Park Green Space in Wuhan, China: Implications for Spatial Equity in the Post-COVID-19 Era.** Int J Environ Res Public Health 2022; 19Zhang S, Yu P, Chen Y *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564834>
80. **Air pollution and meteorological variables' effects on COVID-19 first and second waves in Spain.** Int. J. Environ. Sci. Technol. (Tehran) 2022;1-14Bañuelos Gimeno J, Blanco A, Díaz J *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35529588>
81. **Indigenous Māori responses to COVID-19: He waka eke noa?** Int. J. Psychol. 2022; Waitoki W, McLachlan A. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35527713>
82. **Russo-Ukrainian war amid the COVID-19 pandemic: Global impact and containment strategy.** Int J Surg 2022; 102:106675Dhawan M, Choudhary OP, Priyanka, Saied AA. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35569761>
83. **The Ukrainian refugee crisis and the COVID-19 pandemic in Europe.** Int J Surg 2022; 102:106671Rahimi F, Talebi Bezmin Abadi A. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35569760>
84. **Food Insecurity and Less Frequent Cooking Dinner at Home Are Associated with Lower Diet Quality in a National Sample of Low-Income Adults in the United States during the Initial Months of the Coronavirus Disease 2019 Pandemic.** J. Acad. Nutr. Diet. 2022; Wolfson JA, Posluszny H, Kronsteiner-Gicevic S *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35569728>
85. **COVID-19 Experiences and Health-Related Implications: Results From a Mixed-Method Longitudinal Study of Urban Poor Adolescents in Shanghai.** J. Adolesc. Health 2022; Li M, Yu C, Zuo X *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35537886>
86. **Indirect impact of the COVID-19 pandemic and its containment measures on social inequalities in hospital utilisation in Italy.** J. Epidemiol. Community Health 2022; Di Girolamo C, Gnani R, Landriscina T *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35552241>
87. **Juvenile delinquency and COVID-19: the effect of social distancing restrictions on juvenile crime rates in Israel.** J Exp Criminol 2022;1-24Revital SS, Haviv N. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35540723>
88. **Effect of High Altitude on the Survival of COVID-19 Patients in Intensive Care Unit: A Cohort Study.** J. Intensive Care Med. 2022;8850666221099827Jibaja M, Roldan-Vasquez E, Rello J *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35532089>
89. **Anti-Asian Xenophobia, Hate Crime Victimization, and Fear of Victimization During the COVID-19 Pandemic.** J Interpers Violence 2022;8862605221086651Lantz B, Wenger MR. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35544766>
90. **Migrant shelters' response to COVID-19: Comparative case study in four cities close to the Mexico-United States border.** J Migr Health 2022; 6:100110Infante C, Bojorquez I, Vieitez-Martinez I *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35540795>
91. **A Theologian's Memoir in Time of Pandemic.** J Pastoral Care Counsel 2022;15423050221098956Corpuz JCG. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35540795>

term=35542980

92. **Frontline Response: Exploring the Impact of COVID-19 on Stalking Behaviours.** *J Police Crim Psychol* 2022;1-9 Short E, Bradbury P, Martellozzo E *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35528716>
93. **Impacts of COVID-19 lockdown on time allocation for sedentary and physical activities - The context of Indian university students.** *J Transp Health* 2022; 25:101383 Sarangi P, Manoj M, Bhosley M. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35528141>
94. **Escalating the 2022 Hajj during the third year of the COVID-19 pandemic.** *J Travel Med* 2022; Al-Tawfiq JA, Kattan RF, Memish ZA. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35532301>
95. **A framework for librarians to inform the citizenry during disasters: Reflections on the COVID-19 pandemic.** *Jamba* 2022; 14:1197 Chisita CT, Ngulube P. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35547836>
96. **Handling natural hazards in Indonesia amid the COVID-19 pandemic: Muhammadiyah's response and strategy.** *Jamba* 2022; 14:1254 Ichsan M. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35547835>
97. **How effective was the restaurant restraining order against COVID-19? A nighttime light study in Japan.** *Japan World Econ* 2022; 63:101136 Hayakawa K, Keola S, Urata S. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35529247>
98. **Marine reserves and resilience in the era of COVID-19.** *Mar Policy* 2022; 141:105093 King C, Adhuri DS, Clifton J. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35540179>
99. **Impact of COVID-19 lockdown on aquatic environment and fishing community: Boon or bane?** *Mar Policy* 2022; 141:105088 Mallik A, Chakraborty P, Bhushan S, Nayak BB. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35529170>
100. **Covid-19 and Sargassum blooms: impacts and social issues in a mass tourism destination (Mexican Caribbean).** *Marit Stud* 2022; 21:159-171 Fraga J, Robledo D. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35531368>
101. **Fishing during the "new normality": social and economic changes in Galapagos small-scale fisheries due to the COVID-19 pandemic.** *Marit Stud* 2022; 21:193-208 Viteri Mejía C, Rodríguez G, Tanner MK *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35538937>
102. **Impact of Lockdown due to COVID-19 on lifestyle and diet pattern of college students of Eastern India: A cross-sectional survey.** *Nepal J Epidemiol* 2022; 12:1139-1155 Nirala SK, Naik BN, Rao R *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35528454>
103. **[Situation of food assistance users and the association with change in socioeconomic status during COVID-19 pandemic in Japan].** *Nihon Koshu Eisei Zasshi* 2022; Kurotani K, Ohkawara K. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35545516>
104. **COVID-19: Interrogating the capitalist organization of the economy and society through the pandemic.** *Organization (Lond)* 2022; 29:369-378 Zanon P, Mir R. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35541567>
105. **Multi-scale causality analysis between COVID-19 cases and mobility level using ensemble empirical mode decomposition and causal decomposition.** *Physica A* 2022; 600:127488 Cho JH, Kim DK, Kim EJ. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35529898>

106. **The Impact of COVID-19 on the Support for the German AfD: Jumping the Populist Ship or Staying the Course?** Polit Vierteljahresschr 2022;1-36Bayerlein M, Metten A. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35531264>
107. **Friendship in the age of COVID-19.** Postgrad. Med. J. 2022; Ryan T. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35537805>
108. **A Rapid Ethnographic Assessment of Cultural and Social Perceptions and Practices About COVID-19 in Bangladesh: What the Policy Makers and Program Planners Should Know.** Qual. Health Res. 2022;10497323221091516Akhter S, Bashar F, Kamruzzaman M *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35543221>
109. **[Impact of lockdown on physical activity of patients with osteoarthritis during the COVID-19 pandemic].** Rehabilitacion (Madr) 2022; Román Belmonte JM, Muñoz de la Torre E, Vázquez Sasot A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35545482>
110. **Dynamics of the sheltering role of Bitcoin against crude oil market crash with varying severity of the COVID-19: A comparison with gold.** Res Int Bus Finance 2022; 62:101672Ren X, Wang R, Duan K, Chen J. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35530254>
111. **Impacts of COVID-19 Pandemic on Geopolitics, Health, Economics, Education and Sociocultural Events.** Risk Manag. Healthc. Policy 2022; 15:935-943Hamrouni AM, Sharif RS, Sharif SI *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35547647>
112. **It's not one size fits all: a case for how equity-based knowledge translation can support rural and remote communities to optimize virtual health care.** Rural Remote Health 2022; 22:7252Giroux EE, Hagerty M, Shwed A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35527567>
113. **Indigenous peoples and pandemics.** Scand J Public Health 2022;14034948221087095Alves DE, Mamelund SE, Dimka J *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35546099>
114. **To what extent do waste management strategies need adaptation to post-COVID-19?** Sci Total Environ 2022; 837:155829Mahyari KF, Sun Q, Klemeš JJ *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35561899>
115. **Factors affecting online shopping frequency: lessons from New Zealand.** SN Bus Econ 2022; 2:41Ma W, Gan C, Vatsa P *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35530172>
116. **Influence of the COVID-19 Lockdown and Restart on the Injury Incidence and Injury Burden in Men's Professional Football Leagues in 2020: The UEFA Elite Club Injury Study.** Sports Med Open 2022; 8:67Waldén M, Ekstrand J, Häggglund M *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35552918>
117. **Understanding the impact of the COVID-19 pandemic on refugee communities in San Diego, California: A participatory action research cross-sectional study.** SSM Popul Health 2022; 18:101110McDougal L, Erikat J, Yusufi H *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35531469>
118. **Migrants as 'vulnerable groups' in the COVID-19 pandemic: A critical discourse analysis of a taken-for-granted label in academic literature.** SSM Qual Res Health 2022; 2:100076Molenaar J, Van Praag L. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35529889>
119. **Riding the wave: Predicting the use of the bike-sharing system in Barcelona before and during COVID-19.** Sustain Cities Soc 2022; 83:103929Bustamante X, Federo R, Fernández IMX. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35535208>

120. **Locating temporary waste treatment facilities in the cities to handle the explosive growth of HCWs during pandemics: A novel Grey-AHP-OCRA hybrid approach.** Sustain Cities Soc 2022; 82:103907Thakur DV.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35528480>
121. **The impact of the COVID-19 pandemic on environmental values.** Sustain Sci 2022;1-9Sneddon J, Daniel E, Fischer R, Lee JA.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35529591>
122. **Corona crimes: How pandemic narratives change criminal landscapes.** Theor Criminol 2022; 26:224-244Sandberg S, Fondevila G.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35527800>
123. **COVID-19 and Civil Society in Southeast Asia: Beyond Shrinking Civic Space.** Voluntas 2022;1-13Lorch J, Sombatpoonsiri J.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35528994>
124. **Between division and connection: a qualitative study of the impact of COVID-19 restrictions on social relationships in the United Kingdom.** Wellcome Open Res 2022; 7:6Schneiders ML, Mackworth-Young CRS, Cheah PY.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35559361>

Pathology (3 articles)

1. **Pathology Assessments of Multiple Organs in Fatal COVID-19 in Intensive Care Unit vs. Non-intensive Care Unit Patients.** Front Med (Lausanne) 2022; 9:837258Zerbib Y, Guilain N, Eymieux S *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35547201>
2. **Neuropathology of COVID-19.** Indian J. Pathol. Microbiol. 2022; 65:S146-s152Lin LC, Hollis B, Hefti MM. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35562145>
3. **First report from the German COVID-19 autopsy registry.** Lancet Reg Health Eur 2022; 15:100330von Stillfried S, Bülow RD, Röhrig R, Boor P.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=3553149>

Protection (36 articles)

1. **COVID-VU - ENT-UK national survey of flexible nasendoscopy in the upper aerodigestive tract amidst the COVID-19 pandemic.** BMC Health Serv. Res. 2022; 22:625Loizidou A, Tatla TS, Harvey I *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35534827>
2. **Influential factors for COVID-19 related distancing in daily life: a distinct focus on ego-gram.** BMC Public Health 2022; 22:939Kim KM, Rhee HS.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35538466>
3. **Patients' expectations of preventive measures of medical institutions during the SARS-CoV-2 pandemic in Germany in women with an increased risk of breast and ovarian cancer: a cross-sectional, web-based survey.** BMJ Open 2022; 12:e060038Schwab R, Droste A, Stewen K *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35545389>
4. **Assessing personal exposure to COVID-19 transmission in public indoor spaces based on fine-grained trajectory data: A simulation study.** Build. Environ. 2022; 218:109153Chen P, Zhang D, Liu J, Jian IY.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35531051>

5. **The cost-effectiveness of standalone HEPA filtration units for the prevention of airborne SARS CoV-2 transmission.** Cost Eff Resour Alloc 2022; 20:22Zafari Z, de Oliveira PM, Gkantonas S *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35549719>
6. **Facial dermatoses and use of protective mask during Covid-19 pandemic: A clinical and psychological evaluation in patients affected by moderate-severe atopic dermatitis under treatment with dupilumab.** Dermatol Ther 2022:e15573Vanessa M, Elia E, Federica V *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35535633>
7. **Updating Clinical Practices to Promote and Protect Human Milk and Breastfeeding in a COVID-19 Era.** Front Pediatr 2022; 10:867540van Goudoever JB, Spatz DL, Hoban R *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35558372>
8. **Implementation of Covid-19 protection protocols and its implication on learning & teaching in public schools.** Heliyon 2022; 8:e09362Ahmed A, Sintayehu B. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35529702>
9. **Attitude and Perception of Nursing Personnel Involved in Real Time Remote Audio-Visual Aided (RT-RAVA) Monitoring of Doffing for the Prevention of Covid-19 Infection among the Health Care Workers.** Hosp. Top. 2022:1-8Kumar A, Kaur M, Kaur S *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35535975>
10. **Protective Behaviors for COVID-19 Were Associated With Fewer Psychological Impacts on Nurses: A Cross-Sectional Study in Taiwan.** Inquiry 2022; 59:469580221096278Yen CC, Chan MH, Lin WC, Yeh SJ. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35532315>
11. **Effectiveness of Toothpastes on SARS-CoV-2 Viral Load in Saliva.** Int. Dent. J. 2022; Eduardo FP, Corrêa L, Mansur F *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35570015>
12. **COVID-19 pandemic: do surgical masks impact respiratory nasal functions?** Int Forum Allergy Rhinol 2022; Petitjean M, Béquignon É, Fieux M *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35543578>
13. **Adherence to COVID-19 Protective Measures in a Longitudinal Sample of Male Youth.** Int. J. Behav. Med. 2022:1-11Teferra AA, Alalwan MA, Keller-Hamilton B *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35543861>
14. **A Robot-Mediated Activity Using the Nao Robot to Promote COVID-19 Precautionary Measures among Older Adults in Geriatric Facilities.** Int J Environ Res Public Health 2022; 19Blavette L, Rigaud AS, Anzalone SM *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564615>
15. **The Usage of an Air Purifier Device with HEPA 14 Filter during Dental Procedures in COVID-19 Pandemic: A Randomized Clinical Trial.** Int J Environ Res Public Health 2022; 19Capparè P, D'Ambrosio R, De Cunto R *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564533>
16. **Compliance with Standard Precaution and Its Relationship with Views on Infection Control and Prevention Policy among Chinese University Students during the COVID-19 Pandemic.** Int J Environ Res Public Health 2022; 19Cheng WLS, Kwong EWY, Lee RLT *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564721>
17. **Infection Prevention and Control in Three Tertiary Healthcare Facilities in Freetown, Sierra Leone during the COVID-19 Pandemic: More Needs to Be Done!** Int J Environ Res Public Health 2022; 19Kamara IF, Tengbe SM, Fofanah BD *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564669>

18. **Impact of Wearing on Filtration Performance of Electrostatic Filter Face Masks.** Int J Environ Res Public Health 2022; 19Pierlot AP, Alexander DLJ, Schütz JA. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564426>
19. **Perceived Exertion during Moderate and Vigorous Physical Activity While Mask Wearing: A Quantitative and Qualitative Pilot Study.** Int J Environ Res Public Health 2022; 19Scheid JL, Edwards C, Seils M, West SL. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35565092>
20. **A review of applications of surface-enhanced raman spectroscopy laser for detection of biomaterials and a quick glance into its advances for COVID-19 investigations.** ISSS J Micro Smart Syst 2022:1-20Eskandari V, Sahbafar H, Zeinalizad L, Hadi A. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35540110>
21. **COVID-19 in college: Risk perception and planned protective behavior.** J. Am. Coll. Health 2022:1-6Hamilton HR, Peterson JL, DeHart T. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35549624>
22. **SARS-CoV-2 Droplet and Airborne Transmission Heterogeneity.** J Clin Med 2022; 11Baselga M, Güemes A, Alba JJ, Schuhmacher AJ. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35566733>
23. **Initial Experience with a COVID-19 Screening Chatbot Before Radiology Appointments.** J. Digit. Imaging 2022:1-5Wang WT, Tan N, Hanson JA *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35562634>
24. **Repeated transmission of SARS-CoV-2 in an overcrowded Irish emergency department elucidated by whole-genome sequencing.** J Hosp Infect 2022; 126:1-9Hare D, Meaney C, Powell J *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35562074>
25. **Environmental SARS-CoV-2 contamination in hospital rooms of patients with acute COVID-19.** J Hosp Infect 2022; Nagle S, Tandjaoui-Lambiotte Y, Boubaya M *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35569577>
26. **Effectiveness of containment strategies in preventing SARS-CoV-2 transmission.** J Infect Public Health 2022; 15:609-614Leung KK, Zhang R, Hashim MJ *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35537237>
27. **Evaluation of water gargle samples for SARS-CoV-2 detection using Abbott ID NOW COVID-19 assay.** J Med Virol 2022; Lévesque S, Beauchemin S, Vallée M *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35535382>
28. **Estimated Mask Use and Temporal Relationship to COVID-19 Epidemiology of Black Lives Matter Protests in 12 Cities.** J Racial Ethn Health Disparities 2022:1-12Quigley A, Nguyen PY, Stone H *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35543865>
29. **Adaptive network modeling of social distancing interventions.** J. Theor. Biol. 2022; 546:111151Corcoran C, Clark JM. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35569530>
30. **Impact of optimal vaccination and social distancing on COVID-19 pandemic.** Math Comput Simul 2022; 200:285-314Saha S, Samanta G, Nieto JJ. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35531464>
31. **Biorisk Management for SARS-CoV-2 Research in a Biosafety Level-3 Core Facility.** Methods Mol. Biol. 2022; 2452:441-464Joseph T, Phyu S, Se-Thoe SY, Chu JJH. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35554920>
32. **Face mask detection in COVID-19: a strategic review.** Multimed Tools Appl 2022:1-30Vibhuti, Jindal N, Singh H, Rana PS. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35528282>

33. **Modifiable Host Factors for the Prevention and Treatment of COVID-19: Diet and Lifestyle/Diet and Lifestyle Factors in the Prevention of COVID-19.** Nutrients 2022; 14:Hibino S, Hayashida K. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35565841>
34. **Singing Is a Risk Factor for Severe Acute Respiratory Syndrome Coronavirus 2 Infection: A Case-Control Study of Karaoke-Related Coronavirus Disease 2019 Outbreaks in 2 Cities in Hokkaido, Japan, Linked by Whole Genome Analysis.** Open Forum Infect Dis 2022; 9:ofac158Nakashita M, Takagi Y, Tanaka H *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35531379>
35. **Face Mask Practice and Technique During the COVID-19 Pandemic: A Nonrepresentative Cross-Sectional Study in Sudan.** Patient Prefer Adherence 2022; 16:1163-1176Ayed IIA, Khalil R, Adam I, Al-Wutayd O. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35535254>
36. **Shielding reduced incidence of COVID-19 in patients with inflammatory arthritis but vulnerability is associated with increased mortality.** Rheumatology (Oxford) 2022; Cooksey R, Underwood J, Brophy S *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35567479>

Pulmonary disease (22 articles)

1. **Microvascular Shunts in Covid-19 Pneumonia.** Am J Respir Crit Care Med 2022; Bush D, Abman SH, Galambos C. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35533392>
2. **Increased SARS-CoV-2 Infection, Protease and Inflammatory Responses in COPD Primary Bronchial Epithelial Cells Defined with Single Cell RNA-Sequencing.** Am J Respir Crit Care Med 2022; Johansen MD, Mahbub RM, Idrees S *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35549656>
3. **SARS-CoV-2 mRNA Vaccine Antibody Response in Asthma Patients with Biologic Therapy after Second and Booster Dose: A Real-world Analysis.** Am J Respir Crit Care Med 2022; Liao SY, Gerber AN, Zelarney P *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35549647>
4. **COVID-19 in Patients with Pulmonary Hypertension: A National Prospective Cohort Study.** Am J Respir Crit Care Med 2022; Montani D, Certain MC, Weatherald J *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35549842>
5. **COVID-19 and Risk of Oxygen-dependent Chronic Respiratory Failure: A National Cohort Study.** Am J Respir Crit Care Med 2022; Sundh J, Ekström M, Palm A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35549847>
6. **An Analytical Study to Determine the Severity of COVID-19 Among Smokers.** Cureus 2022; 14:e23802Kanakaraju K, Vanoli H, Rajenthakumar H, Jr. *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35530823>
7. **Mortality Risk From COVID-19 Among Unvaccinated Subjects With Autoimmune Phenotypes of Interstitial Lung Disease.** Cureus 2022; 14:e23808Strykowski RK, Poonawalla M, Tyker A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35530871>
8. **Unusual 2020 respiratory syncytial virus bronchiolitis season in Western Australia: Not explained by weather.** Emerg. Med. Australas. 2022; Hoepfner T, Blyth CC, Borland M. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35527359>
9. **Smoking in Patients With Chronic Cardiovascular Disease During COVID-19 Lockdown.** Front Cardiovasc Med 2022; 9:845439Chagué F, Boulin M, Eicher JC *et*

al. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35557527>

10. **Pulmonary Function and Long-Term Respiratory Symptoms in Children and Adolescents After COVID-19.** Front Pediatr 2022; 10:851008Knoke L, Schlegtendal A, Maier C *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35547532>
11. **Comparison of Severe Viral Pneumonia Caused by SARS-CoV-2 and Other Respiratory Viruses Among Malaysian Children During the COVID-19 Pandemic.** Front Pediatr 2022; 10:865099Ng DC, Tan KK, Ting GSS *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35547549>
12. **Characteristic outcomes and risk assessment of pneumothorax in 21 patients with COVID-19.** Infect Dis Now 2022; Pierre L, Rieu J, Lemmet T *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35537685>
13. **Association between Low-Dose Computed Tomography Results and 1-Year Smoking Cessation in a Residential Smoking Cessation Program.** Int J Environ Res Public Health 2022; 19Shin DS, Noh HM, Song HJ *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564904>
14. **Importance of Vaccination against SARS-CoV-2 in Patients with Interstitial Lung Disease Associated with Systemic Autoimmune Disease.** J Clin Med 2022; 11Mena-Vázquez N, García-Studer A, Rojas-Gimenez M *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35566564>
15. **Prediction of SARS-CoV-2-Related Lung Inflammation Spreading by V:ERITAS (Vanvitelli Early Recognition of Inflamed Thoracic Areas Spreading).** J Clin Med 2022; 11Romano C, Cozzolino D, Cuomo G *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35566559>
16. **Risk Factors for Coronavirus Disease 2019 (COVID-19)-Associated Pulmonary Aspergillosis in Critically Ill Patients: A Nationwide, Multicenter, Retrospective Cohort Study.** J Korean Med Sci 2022; 37:e134Kim SH, Hong JY, Bae S *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35535369>
17. **The Pathophysiology of Long COVID throughout the Renin-Angiotensin System.** Molecules 2022; 27Khazaal S, Harb J, Rima M *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35566253>
18. **Bioavailability Enhancement of Cepharanthine via Pulmonary Administration in Rats and Its Therapeutic Potential for Pulmonary Fibrosis Associated with COVID-19 Infection.** Molecules 2022; 27Li J, Chen G, Meng Z *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35566097>
19. **A screening study for COVID-19-associated pulmonary aspergillosis in critically ill patients during the third wave of the pandemic.** Mycoses 2022; 65:724-732Er B, Er AG, Gülmez D *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35531631>
20. **Spontaneous tension hemothorax in a severe COVID-19 patient receiving ECMO therapy: The other side of COVID-19-associated coagulopathy.** Respir Med Case Rep 2022; 37:101663Thammavaranucupt K, Tassaneyasin T, Theerawit P *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35559365>
21. **COVID-19-related changes in outpatient CPAP setup pathways for OSA are linked with decreased 30-day CPAP usage.** Thorax 2022; Turnbull CD, Allen M, Appleby J *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35534153>
22. **Repair of acute respiratory distress syndrome by stromal cell administration (REALIST): a structured study protocol for an open-label dose-escalation phase 1 trial followed by a randomised, triple-blind, allocation concealed,**

placebo-controlled phase 2 trial. Trials 2022; 23:401 Gorman E, Shankar-Hari M, Hopkins P *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35562778>

Renal disease (9 articles)

1. **Understanding attitudes and obstacles to vaccination against COVID-19 in patients with primary immunodeficiency.** Allergy Asthma Clin. Immunol. 2022; 18:38 Aberumand B, Ayoub Goulstone W, Betschel S. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35534860>
2. **COVID-19 in Kidney Transplant Recipients: A Multicenter Experience from the First Two Waves of Pandemic.** BMC Nephrol. 2022; 23:183 Demir E, Ucar ZA, Dheir H *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35550025>
3. **Humoral Response to Third Dose of SARS-CoV-2 Vaccines in the CKD Spectrum.** Clin J Am Soc Nephrol 2022; 17:872-876 Quiroga B, Soler MJ, Ortiz A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35551070>
4. **Lifesaving Care for Patients with Kidney Failure during the War in Ukraine 2022.** Clin J Am Soc Nephrol 2022; Stepanova N, Kolesnyk M, Mithani Z *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35537755>
5. **Telemedicine and Haemodialysis Care during the COVID-19 Pandemic: An Integrative Review of Patient Safety, Healthcare Quality, Ethics and the Legal Considerations in Singapore Practice.** Int J Environ Res Public Health 2022; 19: Haroon S, Voo TC, Chua H *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564840>
6. **Negative Impact of the COVID-19 Pandemic on Kidney Disease Management-A Single-Center Experience in Romania.** J Clin Med 2022; 11: Mureşan AV, Russu E, Arbănaşi EM *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35566576>
7. **COVID-19 in pediatric kidney transplantation: a follow-up report of the Improving Renal Outcomes Collaborative.** Pediatr. Nephrol. 2022; 1-11 Varnell C, Jr., Harshman LA, Liu C *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35538239>
8. **Immune complex-mediated glomerulonephritis post COVID-19 vaccination in a patient with concomitant Brucellosis.** Saudi Med. J. 2022; 43:522-525 Al Bakr S, Alaithan MA. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35537721>
9. **Immune Response to Third Dose BNT162b2 COVID-19 Vaccine Among Kidney Transplant Recipients-A Prospective Study.** Transpl Int 2022; 35:10204 Yahav D, Rahamimov R, Mashraki T *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35529596>

Reviews (74 articles)

1. **Synthetic cannabinoids and ST elevation myocardial infarction: A case report and systematic review of the literature.** Am. J. Med. Sci. 2022; Jafry AH, LaGrow A, Akhtar KH *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35545143>
2. **Solid organ transplantation from donors with recent or current SARS-CoV-2 infection: A Systematic Review.** Anaesth Crit Care Pain Med 2022; 101098 Martinez-Reviejo R, Tejada S, Cipriano A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35533977>
3. **Acute hepatitis with portal and mesenteric vein thrombosis revealing SARS-CoV-2 infection: Case report and literature review.** Ann Med Surg (Lond) 2022;

- 77:103706Harouachi A, Bouhout T, Hadj Kacem H *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35531429>
4. **Efficacy of oseltamivir in the treatment of patients infected with Covid-19.** *Ann Med Surg (Lond)*. 2022; 77:103679Zendehdel A, Bidkhor M, Ansari M *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35531426>
 5. **Artificial intelligence for forecasting and diagnosing COVID-19 pandemic: A focused review.** *Artif. Intell. Med.* 2022; 128:102286Comito C, Pizzuti C.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35534142>
 6. **First episode psychosis and COVID-19: A case series and mini review.** *Asian J Psychiatr* 2022; 73:103123Nirisha PL, Bhaskaran AS, Yedavally NA *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35561660>
 7. **COVID-19 and diabetes: Association intensify risk factors for morbidity and mortality.** *Biomed. Pharmacother.* 2022; 151:113089Sharma P, Behl T, Sharma N *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35569351>
 8. **A systematic review: the dimensions to evaluate health care performance and an implication during the pandemic.** *BMC Health Serv. Res.* 2022; 22:621Amer F, Hammoud S, Khatatbeh H *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35534850>
 9. **SARS-CoV-2 Infection and the Risk of Suicidal and Self-Harm Thoughts and Behaviour: A Systematic Review.** *Can. J. Psychiatry.* 2022;7067437221094552Sinyor M, Zaheer R, Webb RT *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35532916>
 10. **SARS-CoV-2 Attacks in the Brain: Focus on the Sialome.** *Cells* 2022; 11Wielgat P, Narejko K, Car H. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35563764>
 11. **First-generation oral antivirals against SARS-CoV-2.** *Clin Microbiol Infect* 2022; Sendi P, Razonable RR, Nelson SB *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35545195>
 12. **COVID-19 associated cognitive impairment: A systematic review.** *Cortex* 2022; 152:77-97Tavares-Júnior JWL, de Souza ACC, Borges JWP *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35537236>
 13. **Nitric Oxide in the Management of Respiratory Consequences in COVID-19: A Scoping Review of a Different Treatment Approach.** *Cureus* 2022; 14:e23852Ghosh A, Joseph B, Anil S. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35530860>
 14. **Impact of COVID-19 on Surgical Interventions and Medical Practices in Pediatric Otolaryngology: A Narrative Review.** *Cureus* 2022; 14:e23835Jamal A, Safar M, Tarakmeh M *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35530923>
 15. **New-Onset Atrial Fibrillation in COVID-19 Infection: A Case Report and Review of Literature.** *Cureus* 2022; 14:e23912Shah D, Umar Z, Ilyas U *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35530910>
 16. **COVID-19 Vaccination Hesitancy: A Review of the Literature and Recommendations.** *Curr Rev Clin Exp Pharmacol* 2022; Alrabadi N, Bany-Melhem S, Alzoubi KH *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35549859>
 17. **Immunopathogenesis of patients with COVID-19: from the perspective of immune system 'evolution' and 'revolution'.** *Expert Rev. Mol. Med.* 2022; 24:e19Lv D, Hu B, Lin X *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35535759>
 18. **Acute Fulminant Myocarditis After ChAdOx1 nCoV-19 Vaccine: A Case Report and Literature Review.** *Front Cardiovasc Med* 2022; 9:856991Wu CT, Chin SC, Chu PH. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35528839>

19. **A Comprehensive Review of Artificial Intelligence in Prevention and Treatment of COVID-19 Pandemic.** Front Genet 2022; 13:845305Wang H, Jia S, Li Z *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35559010>
20. **Brain Imaging Changes in Patients Recovered From COVID-19: A Narrative Review.** Front. Neurosci. 2022; 16:855868Huang Y, Ling Q, Manyande A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35527821>
21. **Corrigendum: Problematic Use of Alcohol and Online Gaming as Coping Strategies During the COVID-19 Pandemic: A Mini Review.** Front Psychiatry 2022; 13:898218Xu S, Park M, Kang UG *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35546949>
22. **Leadership During a Pandemic: A Lexical Analysis.** Front Public Health 2022; 10:783337Dadich A, Mellick Lopes A. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35548084>
23. **Therapeutic potential of vitamin B(1) derivative benfotiamine from diabetes to COVID-19.** Future Med. Chem. 2022; 14:809-826Allowitz KV, Yoo JJ, Taylor JR *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35535731>
24. **Effects of mental health interventions among people hospitalized with COVID-19 infection: A systematic review of randomized controlled trials.** Gen. Hosp. Psychiatry 2022; 77:40-68Tasleem A, Wang Y, Li K *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35533528>
25. **Therapeutic approaches and vaccination in fighting COVID-19 infections: A review.** Gene Rep 2022; 27:101619Adibzadeh S, Amiri S, Nia GE *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35530725>
26. **The role of health systems for health security: a scoping review revealing the need for improved conceptual and practical linkages.** Global Health 2022; 18:51Brown GW, Bridge G, Martini J *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35570269>
27. **Venous Thromboembolism and COVID-19-an Epidemiological Perspective.** Indian J Surg 2022;1-8Khanna AK, Khanna D. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35529246>
28. **Dynamics of novel COVID-19 in the presence of Co-morbidity.** Infect Dis Model 2022; 7:138-160Saha AK, Podder CN, Niger AM. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35530528>
29. **Mucromycosis in India: Pathophysiology and Perspectives on Treatment and Management.** Infect Disord Drug Targets 2022; Gupta U, Paliwal D, Rawat S. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35532252>
30. **COVID-19 and corticosteroids: a narrative review.** Inflammopharmacology 2022;1-17El-Saber Batiha G, Al-Gareeb AI, Saad HM, Al-Kuraishy HM. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35562628>
31. **Triage Strategies for COVID-19 Cases: A Scope Review.** Inquiry 2022; 59:469580221095824Roque Mazoni S, Andrade J, da Silva Antonio P *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35549576>
32. **The Impact of Lockdowns on Caffeine Consumption: A Systematic Review of the Evidence.** Int J Environ Res Public Health 2022; 19Bakaloudi DR, Evripidou K, Jayawardena R *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564647>
33. **Pharmacological Treatment of Acute Psychiatric Symptoms in COVID-19 Patients: A Systematic Review and a Case Series.** Int J Environ Res Public Health 2022; 19Carmassi C, Pacciardi B, Gravina D *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564372>

34. **Mis-Dis Information in COVID-19 Health Crisis: A Narrative Review.** *Int J Environ Res Public Health* 2022; 19Clemente-Suárez VJ, Navarro-Jiménez E, Simón-Sanjurjo JA *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564714>
35. **Effects and Causes of Detraining in Athletes Due to COVID-19: A Review.** *Int J Environ Res Public Health* 2022; 19Córdova-Martínez A, Caballero-García A, Roche E *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564795>
36. **Rehabilitation Interventions for Post-Acute COVID-19 Syndrome: A Systematic Review.** *Int J Environ Res Public Health* 2022; 19Fugazzaro S, Contri A, Esseroukh O *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564579>
37. **Telemedicine in the COVID-19 Era: A Narrative Review Based on Current Evidence.** *Int J Environ Res Public Health* 2022; 19Nittari G, Savva D, Tomassoni D *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564494>
38. **Machine Learning, Deep Learning, and Mathematical Models to Analyze Forecasting and Epidemiology of COVID-19: A Systematic Literature Review.** *Int J Environ Res Public Health* 2022; 19Saleem F, Al-Ghamdi ASA, Alassafi MO, AlGhamdi SA. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564493>
39. **How the COVID-19 Pandemic Affects Risk Awareness in Dentists: A Scoping Review.** *Int J Environ Res Public Health* 2022; 19Wolf TG, de Col L, Banihashem Rad SA *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564366>
40. **COVID-19-Associated Mucormycosis: An Opportunistic Fungal Infection. A Case Series and Review.** *Int J Infect Dis* 2022; 121:203-210Balushi AA, Ajmi AA, Sinani QA *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35533833>
41. **The Role of Nuclear Factor Kappa B (NF-κB) in Development and Treatment of COVID-19: Review.** *Int J Mol Sci* 2022; 23Gudowska-Sawczuk M, Mroczko B. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35563673>
42. **Immune Signature of COVID-19: In-Depth Reasons and Consequences of the Cytokine Storm.** *Int J Mol Sci* 2022; 23Niedźwiedzka-Rystwej P, Majchrzak A, Kurkowska S *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35562935>
43. **Shared Inflammatory Pathology of Stroke and COVID-19.** *Int J Mol Sci* 2022; 23Sánchez KE, Rosenberg GA. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35563537>
44. **Antigens and Antibodies of the Antiphospholipid Syndrome as New Allies in the Pathogenesis of COVID-19 Coagulopathy.** *Int J Mol Sci* 2022; 23Serrano M, Espinosa G, Serrano A, Cervera R. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35563337>
45. **SARS-CoV-2 and Influenza A virus: Dual diagnostics and vaccines.** *Int J Surg* 2022; 102:106653Saied AA, Dhawan M, Priyanka, Choudhary OP. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35568309>
46. **Vaccinations for the immunologic memory—Repeatedly or once only?** *Internist* 2022; 63:476-483Lehmann C.
47. **[Vaccines against coronavirus disease 2019 (COVID-19) : Efficacy comparison, safety aspects, and current challenges].** *Internist (Berl.)* 2022; 63:666-679Lipp HP. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35543726>
48. **Enhancing GP care of mental health disorders post-COVID-19: a scoping review of interventions and outcomes.** *Ir. J. Psychol. Med.* 2022;1-17Keyes B, McCombe G, Broughan J *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35545971>
49. **Making a Joint Decision Regarding the Timing of Surgery for Elective Arthroplasty Surgery After Being Infected With COVID-19: A Systematic**

- Review.** *J. Arthroplasty* 2022; Khan IA, Zaid MB, Gold PA *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35533820>
50. **Clinical Characteristics, Risk Factors for Severity and Pharmacotherapy in Hospitalized COVID-19 Patients in the United Arab Emirates.** *J Clin Med* 2022; 11Almarashda AMJ, Rabbani SA, Kurian MT, Cherian A.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35566563>
 51. **Insights into the Role of Neutrophils and Neutrophil Extracellular Traps in Causing Cardiovascular Complications in Patients with COVID-19: A Systematic Review.** *J Clin Med* 2022; 11Nappi F, Bellomo F, Avtaar Singh SS.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35566589>
 52. **Nonpharmaceutical public health interventions to curb the COVID-19 pandemic: a narrative review.** *J Infect Dev Ctries* 2022; 16:583-591Bestetti RB, Furlan-Daniel R, Couto LB. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35544617>
 53. **Long COVID - One Year On.** *J. Insur. Med.* 2022; Meagher T.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35561352>
 54. **Immunogenicity of COVID-19 vaccines in patients with diverse health conditions: A comprehensive systematic review.** *J Med Virol* 2022; Cho K, Park S, Kim EY *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35567325>
 55. **Hormone Therapy in the Era of the COVID-19 Pandemic: A Review.** *J Menopausal Med* 2022; 28:1-8Choi SW, Kim J, Lee JH *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35534425>
 56. **Oral mucosa lesions in confirmed and non-vaccinated cases for COVID-19: A systematic review.** *J Stomatol Oral Maxillofac Surg* 2022; Santana L, Vieira WA, Gonalo RIC *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35550190>
 57. **Isolated and combined unilateral central retinal artery and vein occlusions after vaccination. A review of the literature.** *J. Stroke Cerebrovasc. Dis.* 2022; 31:106552Su CK, Au SCL. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35569402>
 58. **Fourth dose of COVID-19 vaccine: Does it still contribute any additional immunoprotection?** *J Taibah Univ Med Sci* 2022; 17:533-536Mungmunpantipantip R, Wiwanitkit V. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35528234>
 59. **Plasma Proteomics of COVID-19-Associated Cardiovascular Complications: Implications for Pathophysiology and Therapeutics.** *JACC Basic Transl Sci* 2022; 7:425-441Roh JD, Kitchen RR, Guseh JS *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35530264>
 60. **Nigella sativa L. and COVID-19: A Glance at The Anti-COVID-19 Chemical Constituents, Clinical Trials, Inventions, and Patent Literature.** *Molecules* 2022; 27Imran M, Khan SA, Abida *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35566101>
 61. **The Pathophysiology of Long COVID throughout the Renin-Angiotensin System.** *Molecules* 2022; 27Khazaaal S, Harb J, Rima M *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35566253>
 62. **Drug Repurposing for COVID-19: A Review and a Novel Strategy to Identify New Targets and Potential Drug Candidates.** *Molecules* 2022; 27Rodrigues L, Bento Cunha R, Vassilevskaia T *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35566073>
 63. **Plant Polysaccharides Modulate Immune Function via the Gut Microbiome and May Have Potential in COVID-19 Therapy.** *Molecules* 2022; 27Tang M, Cheng L, Liu Y *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35566123>
 64. **Long COVID?** *Monatsschr. Kinderheilkd.* 2022; 170:490-492Kerbl R.

65. **Cerebral Venous Thrombosis in COVID-19.** Neurol. India 2022; 70:652-659 Benny R, Singh RK, Venkitachalam A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35532634>
66. **Literature Review of Mothers Diagnosed With COVID-19 and the Impact on Breastfeeding Their Newborns.** Nurs. Womens Health 2022; 26:234-241 Warner SA, Arevalo JL. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35551888>
67. **Modifiable Host Factors for the Prevention and Treatment of COVID-19: Diet and Lifestyle/Diet and Lifestyle Factors in the Prevention of COVID-19.** Nutrients 2022; 14 Hibino S, Hayashida K. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35565841>
68. **Do Diet and Dietary Supplements Mitigate Clinical Outcomes in COVID-19?** Nutrients 2022; 14 Singh B, Eshaghian E, Chuang J, Covasa M. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35565876>
69. **Immune-related therapeutics: an update on antiviral drugs and vaccines to tackle the COVID-19 pandemic.** Osong Public Health Res Perspect 2022; 13:84-100 Mir I, Aamir S, Shah SRH *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35538681>
70. **Covid-19 in children aged 5-11: Examining the issues surrounding vaccination and public health policy.** Paediatr. Respir. Rev. 2022; Myers V, Saban M, Wilf-Miron R. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35568661>
71. **Lessons from past pandemics: a systematic review of evidence-based, cost-effective interventions to suppress COVID-19.** Syst Rev 2022; 11:90 Juneau CE, Pueyo T, Bell M *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35550674>
72. **Thrombotic thrombocytopenic purpura (TTP) after COVID-19 vaccination: A systematic review of reported cases.** Thromb Res 2022; 214:115-121 Saluja P, Gautam N, Yadala S, Venkata AN. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35533526>
73. **Adverse effects of COVID-19 mRNA vaccines: the spike hypothesis.** Trends Mol. Med. 2022; Trougakos IP, Terpos E, Alexopoulos H *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35537987>
74. **Overcoming COVID-19 vaccine hesitancy among ethnic minorities: A systematic review of UK studies.** Vaccine 2022; 40:3413-3432 Hussain B, Latif A, Timmons S *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35534309>

Risk factors (62 articles)

1. **[Syndemic Pandemic in Portugal: Social Inequality in Risk Factors Associated With COVID-19 Mortality].** Acta Med Port 2022; Perelman J. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35533082>
2. **The assessment of the risk of COVID-19 infection and its course in the medical staff of a COVID-only and a non-COVID hospital.** Adv Clin Exp Med 2022; Madej M, Sebastian A, Morgiel E *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35555868>
3. **Ambient Air Pollutant Exposures and COVID-19 Severity and Mortality in a Cohort of COVID-19 Patients in Southern California.** Am J Respir Crit Care Med 2022; Chen Z, Sidell MA, Huang BZ *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35537137>
4. **Predicting Mortality for Patients Eligible for Extracorporeal Membrane Oxygenation for COVID-19.** Am J Respir Crit Care Med 2022; Gannon WD, Stokes

- JW, Gong W *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35549663>
5. **Known data on CoVid-19 infection linked to type-2 diabetes.** Bioinformatics 2021; 17:772-775 Vidhya Rekha U, Anita M, Bhuminathan S, Sadhana K. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35540698>
 6. **Urinary tubular biomarkers as predictors of death in critically ill patients with COVID-19.** Biomark. Med. 2022; 16:681-692 Bezerra GF, Meneses GC, Albuquerque PL *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35531623>
 7. **Soluble ACE2 and angiotensin II levels are modulated in hypertensive COVID-19 patients treated with different antihypertension drugs.** Blood Press. 2022; 31:80-90 M AE, H TZ, R AA *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35548940>
 8. **Incubation period, clinical and lung CT features for early prediction of COVID-19 deterioration: development and internal verification of a risk model.** BMC Pulm. Med. 2022; 22:188 Peng H, Hu C, Deng W *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35549897>
 9. **Outcome and Prognostic Factors of COVID-19 Infection in Swiss Cancer Patients: Final Results of SAKK 80/20 (CaSA).** Cancers (Basel) 2022; 14 Joerger M, Metaxas Y, Zaman K *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35565320>
 10. **Cancers and COVID-19 Risk: A Mendelian Randomization Study.** Cancers (Basel) 2022; 14 Li Z, Wei Y, Zhu G *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35565215>
 11. **A diabetic milieu increases ACE2 expression and cellular susceptibility to SARS-CoV-2 infections in human kidney organoids and patient cells.** Cell Metab. 2022; 34:857-873.e859 Garreta E, Prado P, Stanifer ML *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35561674>
 12. **Fibronectin as a Marker of Disease Severity in Critically Ill COVID-19 Patients.** Cells 2022; 11 Lemańska-Perek A, Krzyżanowska-Gołąb D, Dragan B *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35563870>
 13. **Obstructive Sleep Apnea as a Risk Factor for COVID-19 Severity-The Gut Microbiome as a Common Player Mediating Systemic Inflammation via Gut Barrier Dysfunction.** Cells 2022; 11 Mashaqi S, Kallamadi R, Matta A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35563874>
 14. **A retrospective analysis of incidence and severity of COVID-19 among hypertensive patients: the other side.** Clin. Exp. Hypertens. 2022; 44:459-463 Oblitas CM, Torres-Do-Rego A, García AG *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35531889>
 15. **Association between hypertension and prognosis of patients with COVID-19: A systematic review and meta-analysis.** Clin. Exp. Hypertens. 2022; 44:451-458 Qian Z, Li Z, Peng J *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35531646>
 16. **Mortality estimation using APACHE and CT scores with stepwise linear regression method in COVID-19 intensive care unit: A retrospective study.** Clin Imaging 2022; 88:4-8 Ayvat P, Kayhan Omeroglu S. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35533542>
 17. **An Analytical Study to Determine the Severity of COVID-19 Among Smokers.** Cureus 2022; 14:e23802 Kanakaraju K, Vanoli H, Rajenthakumar H, Jr. *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35530823>
 18. **Apparent Association of Insulin With Interleukin-6 (IL-6) in Severe COVID-19 Patients Having Chronic Disease Comorbidities.** Cureus 2022; 14:e23790 Nouh

- FA, Othman H, Gwarsha EK *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35530861>
19. **Mortality Risk From COVID-19 Among Unvaccinated Subjects With Autoimmune Phenotypes of Interstitial Lung Disease.** *Cureus* 2022; 14:e23808Strykowski RK, Poonawalla M, Tyker A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35530871>
 20. **New-onset hyperglycaemia and prolonged systemic corticosteroids therapy in mild COVID-19 patients as major risk factors for invasive mucormycosis: a preliminary study.** *Curr Med Mycol* 2021; 7:22-28Khichar S, Samantaray S, Kumar D *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35528622>
 21. **Evaluation of a potential prognostic parameter for the inflammatory status in COVID-19 patients: The inflammatory protein ratio.** *Electrophoresis* 2022; Antonucci F, Di Carlo D, Falcone M. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35531865>
 22. **Quantifying the Excess Risk of Adverse COVID-19 Outcomes in Unvaccinated Individuals With Diabetes Mellitus, Hypertension, Ischaemic Heart Disease or Myocardial Injury: A Meta-Analysis.** *Front Cardiovasc Med* 2022; 9:871151Ng SM, Pan J, Mouyis K *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35557537>
 23. **Identifying Immunological and Clinical Predictors of COVID-19 Severity and Sequelae by Mathematical Modeling.** *Front. Immunol.* 2022; 13:865845Elemam NM, Hammoudeh S, Salameh L *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35529862>
 24. **ABO Blood System and COVID-19 Susceptibility: Anti-A and Anti-B Antibodies Are the Key Points.** *Front Med (Lausanne)* 2022; 9:882477Tamayo-Velasco Á, Peñarrubia-Ponce MJ, Álvarez FJ *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35547235>
 25. **Genetically Predicted Circulating Concentrations of Micronutrients and COVID-19 Susceptibility and Severity: A Mendelian Randomization Study.** *Front Nutr* 2022; 9:842315Daniel N, Bouras E, Tsilidis KK, Hughes DJ. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35558754>
 26. **Pulmonary Function and Long-Term Respiratory Symptoms in Children and Adolescents After COVID-19.** *Front Pediatr* 2022; 10:851008Knoke L, Schlegtendal A, Maier C *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35547532>
 27. **The Relationship Between Hepcidin-Mediated Iron Dysmetabolism and COVID-19 Severity: A Meta-Analysis.** *Front Public Health* 2022; 10:881412Peng D, Gao Y, Zhang L *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35558525>
 28. **Persistent viral RNA shedding of SARS-CoV-2 is associated with delirium incidence and six-month mortality in hospitalized COVID-19 patients.** *Geroscience* 2022;1-14Batra A, Clark JR, Kang AK *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35538386>
 29. **Dynamics of novel COVID-19 in the presence of Co-morbidity.** *Infect Dis Model* 2022; 7:138-160Saha AK, Podder CN, Niger AM. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35530528>
 30. **Development and Validation of a Nomogram for Predicting the Risk of Coronavirus-Associated Acute Respiratory Distress Syndrome: A Retrospective Cohort Study.** *Infect Drug Resist* 2022; 15:2371-2381Zhang L, Xu J, Qi X *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35528184>
 31. **Human genetic factors associated with pneumonia risk, a cue for COVID-19 susceptibility.** *Infect Genet Evol* 2022; 102:105299Guin D, Yadav S, Singh P *et al.*

<http://www.ncbi.nlm.nih.gov/pubmed/?term=35545162>

32. **Impact of SARS-CoV-2 viral load and duration of symptoms before hospital admission on the mortality of hospitalized COVID-19 patients.** *Infection* 2022;1-8 Rico-Caballero V, Fernández M, Hurtado JC *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35562568>
33. **Incidence and predictors of mortality among COVID-19 patients admitted to treatment centers in North West Ethiopia; A retrospective cohort study, 2021.** *Int J Afr Nurs Sci* 2022; 16:100419 Mengist B, Animut Z, Tolossa T.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35530744>
34. **Citizenship Matters: Non-Citizen COVID-19 Mortality Disparities in New York and Los Angeles.** *Int J Environ Res Public Health* 2022; 19 Douglas JA, Bostean G, Miles Nash A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564460>
35. **Human Development Index Is Associated with COVID-19 Case Fatality Rate in Brazil: An Ecological Study.** *Int J Environ Res Public Health* 2022; 19 Palamim CVC, Boschiero MN, Valencise FE, Marson FAL.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35564707>
36. **Joint Effects of Socioeconomic Position, Race/Ethnicity, and Gender on COVID-19 Mortality among Working-Age Adults in the United States.** *Int J Environ Res Public Health* 2022; 19 Pathak EB, Menard JM, Garcia RB, Salemi JL.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35564872>
37. **The Relationship between Physical Activity and Long COVID: A Cross-Sectional Study.** *Int J Environ Res Public Health* 2022; 19 Wright J, Astill SL, Sivan M. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564488>
38. **Mutations in the nonstructural proteins of SARS-CoV-2 may contribute to adverse clinical outcome in patients with COVID-19.** *Int J Infect Dis* 2022; 122:123-129 Ichikawa T, Torii S, Suzuki H *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35562044>
39. **Ethnicity and risk for SARS-CoV-2 infection among the healthcare workforce: Results of a retrospective cohort study in rural United Kingdom.** *Int J Infect Dis* 2022; 122:115-122 Inghels M, Kane R, Lall P *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35569751>
40. **Cytokines from Bench to Bedside: A Retrospective Study Identifies a Definite Panel of Biomarkers to Early Assess the Risk of Negative Outcome in COVID-19 Patients.** *Int J Mol Sci* 2022; 23 Fabris M, Del Ben F, Sozio E *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35563218>
41. **Calprotectin and Imbalances between Acute-Phase Mediators Are Associated with Critical Illness in COVID-19.** *Int J Mol Sci* 2022; 23 Kassianidis G, Siampanos A, Poulakou G *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35563282>
42. **A Convenient Risk Prediction Score for COVID-19 for Determining Whether or Not Hospitalization is Recommended: Kanagawa Admission Priority Assessment Score.** *Intern Med* 2022; Tamura N, Uchiyama S, Nishioka S *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35569980>
43. **Suppression of pituitary hormone genes in subjects who died from COVID-19 independently of virus detection in the gland.** *J. Clin. Endocrinol. Metab.* 2022; Poma AM, Proietti A, Macerola E *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35567590>
44. **Glycated Albumin and Glycated Albumin/HbA1c Predict the Progression of Coronavirus Disease 2019 from Mild to Severe Disease in Korean Patients with**

- Type 2 Diabetes.** *J Clin Med* 2022; 11Yoo J, Choi Y, Park SA *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35566453>
45. **COVID-19 and vulnerable populations.** *J. Community Psychol.* 2022; Lewis RK, Martin PP, Guzman BL. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35567541>
 46. **Is non-thyroidal illness syndrome (NTIS) a clinical predictor of COVID-19 mortality in critically ill oldest old patients?** *J. Endocrinol. Invest.* 2022;1-4Okoye C, Niccolai F, Rogani S *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35545741>
 47. **Sociodemographic predictors of confirmed COVID-19 mortality and hospitalization among patients in Saudi Arabia: Analyzing a national COVID-19 database.** *J Infect Public Health* 2022; 15:615-620Alothaid H, Alshehri MA, Yusuf AO *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35550940>
 48. **Levels of Vascular Endothelial Growth Factor and Its Association with Pulmonary Embolism in COVID-19.** *J. Interferon Cytokine Res.* 2022; Guerra-López JA, Amezcua-Castillo LM, González-Pacheco H, Amezcua-Guerra LM. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35559721>
 49. **Risk Factors for Coronavirus Disease 2019 (COVID-19)-Associated Pulmonary Aspergillosis in Critically Ill Patients: A Nationwide, Multicenter, Retrospective Cohort Study.** *J Korean Med Sci* 2022; 37:e134Kim SH, Hong JY, Bae S *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35535369>
 50. **Relationship between SARS-CoV-2 antibody titer and the severity of COVID-19.** *J Microbiol Immunol Infect* 2022; Park JH, Cha MJ, Choi H *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35570185>
 51. **Untargeted lipidomics reveals specific lipid profiles in COVID-19 patients with different severity from Campania region (Italy).** *J. Pharm. Biomed. Anal.* 2022; 217:114827Cicarelli M, Merciai F, Carrizzo A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35569273>
 52. **Causal relationship between physical activity, leisure sedentary behaviors and COVID-19 risk: a Mendelian randomization study.** *J Transl Med* 2022; 20:216Chen X, Hong X, Gao W *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35562752>
 53. **Magnesium-to-Calcium Ratio and Mortality from COVID-19.** *Nutrients* 2022; 14Guerrero-Romero F, Mercado M, Rodriguez-Moran M *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35565654>
 54. **Population Attributable Fractions of Underlying Medical Conditions for Coronavirus Disease 2019 (COVID-19) Diagnosis and COVID-19 Hospitalizations, Ventilations, and Deaths Among Adults in the United States.** *Open Forum Infect Dis* 2022; 9:ofac099Nguyen JL, Alfred T, Reimbaeva M *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35531382>
 55. **Lipase elevation on admission predicts worse clinical outcomes in patients with COVID-19.** *Pancreatol* 2022; 22:665-670Kiyak M, Düzenli T. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35537935>
 56. **COVID-19 mortality is associated with pre-existing impaired innate immunity in health conditions.** *PeerJ* 2022; 10:e13227Lee M, Chang Y, Ahmadinejad N *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35547187>
 57. **Fulminant onset COVID-19: predictors and outcome.** *Postgrad. Med. J.* 2022; Sathivageesan S, Sundaram V, Sundaram N *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35537807>
 58. **An ecological modeling on the adjusted effects of socioeconomic determinants and HLA-DRB1 alleles in fatality of COVID-19 during the early**

- phase of epidemics in a group of countries.** *Przegl. Epidemiol.* 2021; 75:471-483 Yasin Ahmadi SA, Shahsavar F, Tehrani-Banihashemi A *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35543420>
59. **A novel textual track-data-based approach for estimating individual infection risk of COVID-19.** *Risk Anal.* 2022; Wei L, Li X, Jing Z, Liu Z.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35568692>
60. **Vitamin D status and COVID-19 severity.** *S Afr J Infect Dis* 2022; 37:359 Kalichuran S, van Blydenstein SA, Venter M, Omar S.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35546959>
61. **Which factors are associated with COVID-19 infection incidence in care services for older people in Nordic countries? A cross-sectional survey.** *Scand J Public Health* 2022;14034948221085398 Rauhala AS, Fagerström LM, Lindholm AC *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35546571>
62. **Plasma Torquetenovirus (TTV) microRNAs and severity of COVID-19.** *Virol J* 2022; 19:79 Stincarelli MA, Baj A, Guidotti B *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35562762>

Safety (51 articles)

- Safety of an inactivated COVID-19 vaccine in patients with - wheat-dependent exercise-induced anaphylaxis.** *Allergol. Immunopathol. (Madr.)* 2022; 50:132-137 Du Z, Yin J. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35527667>
- Incidental findings on a Tc99m-SESTAMIBI parathyroid scan post COVID-19 vaccination.** *Am. J. Nucl. Med. Mol. Imaging* 2022; 12:71-73 Muhleman MA, Oldan JD, Khandani AH. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35535123>
- Transient but recurrent complete heart block in a patient after COVID-19 vaccination - A case report.** *Ann Med Surg (Lond)* 2022; 78:103694 Etienne H, Charles P, Pierre T. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35530368>
- A case of myopericarditis following administration of the Pfizer COVID-19 vaccine.** *Arch Clin Cases* 2022; 9:1-5 Morton Z, Green D, Grisham M.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35529098>
- Increment of D-dimer Associated with Immune Thrombotic Thrombocytopenia in ChAdOx1 nCoV-19 Vaccinated Individuals.** *Arch Med Res* 2022; 53:341-351 Ornelas-Aguirre JM, Gómez-Alcalá AV, Ramírez-Leyva DH.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35534335>
- Rare occurrence of Guillain-Barré syndrome after Moderna vaccine.** *BMJ Case Rep.* 2022; 15 Bijoy George T, Kainat A, Pachika PS, Arnold J.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35534045>
- Management of a severe bilateral pulmonary embolism as a complication of VITT following vaccination with AstraZeneca COVID-19 vaccine.** *BMJ Case Rep.* 2022; 15 Elkoumy M, Schoen J, Loew A. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35545306>
- Reactivation of latent tuberculosis in a COVID-19 patient on corticosteroid treatment.** *BMJ Case Rep.* 2022; 15 Friedman A, DeGeorge KC.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35545310>
- Non-arteritic anterior ischaemic optic neuropathy (NA-AION) and COVID-19 vaccination.** *BMJ Case Rep.* 2022; 15 Sanjay S, Acharya I, Rawoof A, Shetty R.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35568418>

10. **Chitosan and its derivatives as polymeric anti-viral therapeutics and potential anti-SARS-CoV-2 nanomedicine.** *Carbohydr Polym* 2022; 290:119500Tan RSL, Hassandarvish P, Chee CF *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35550778>
11. **IgA nephropathy with glomerular capillary IgA deposition following SARS-CoV-2 mRNA vaccination: a report of three cases.** *CEN Case Rep* 2022;1-7Yokote S, Ueda H, Shimizu A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35562631>
12. **First-generation oral antivirals against SARS-CoV-2.** *Clin Microbiol Infect* 2022; Sendi P, Razonable RR, Nelson SB *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35545195>
13. **Effect of moderate-to-severe hepatic steatosis on neutralising antibody response among BNT162b2 and CoronaVac recipients.** *Clin Mol Hepatol* 2022; Cheung KS, Lam LK, Hui RWH *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35545127>
14. **COVID-19 Vaccines in Inherited Retinal Degenerations (IRD), Fears, Ideas and Real Interactions.** *Clin. Ophthalmol.* 2022; 16:1413-1417Vingolo EM. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35529953>
15. **Ivermectin associated adverse events in the treatment and prevention of COVID-19 reported to the FACT pharmacovigilance project.** *Clin. Toxicol. (Phila.)* 2022;1-5Farah R, Kazzi Z, Brent J *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35535587>
16. **Acute Multiple Sclerosis Exacerbation After Vaccination With the Johnson & Johnson COVID-19 Vaccine: Novel Presentation and First Documented Case Report.** *Cureus* 2022; 14:e24017Al-Midfai Y, Kujundzic W, Uppal S *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35547449>
17. **Septic and Crystal-Induced Arthritis (Pseudogout) Post-COVID-19 Vaccination.** *Cureus* 2022; 14:e23902Wireko FW, Khalafalla S, Jamshidi T, Mahgoub S. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35530843>
18. **New-onset hyperglycaemia and prolonged systemic corticosteroids therapy in mild COVID-19 patients as major risk factors for invasive mucormycosis: a preliminary study.** *Curr Med Mycol* 2021; 7:22-28Khichar S, Samantaray S, Kumar D *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35528622>
19. **Axillary lymph node imaging in mRNA, vector-based, and mix-and-match COVID-19 vaccine recipients: ultrasound features.** *Eur Radiol* 2022;1-10Igual-Rouilleault AC, Soriano I, Elizalde A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35554651>
20. **Safety profile of COVID-19 vaccines, preventive strategies, and patient management.** *Expert Rev Vaccines* 2022;1-9Prabhu MM, Palaian S, Ansari M. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35559718>
21. **Acute Fulminant Myocarditis After ChAdOx1 nCoV-19 Vaccine: A Case Report and Literature Review.** *Front Cardiovasc Med* 2022; 9:856991Wu CT, Chin SC, Chu PH. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35528839>
22. **Echinacea Purpurea For the Long-Term Prevention of Viral Respiratory Tract Infections During Covid-19 Pandemic: A Randomized, Open, Controlled, Exploratory Clinical Study.** *Front. Pharmacol.* 2022; 13:856410Kolev E, Mircheva L, Edwards MR *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35559249>
23. **Factors Influencing Background Incidence Rate Calculation: Systematic Empirical Evaluation Across an International Network of Observational**

- Databases.** *Front. Pharmacol.* 2022; 13:814198 Ostropelets A, Li X, Makadia R *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35559254>
24. **Corona and Reproduction, or Why the Corona Vaccination Does Not Result in Infertility.** *Geburtshilfe Frauenheilkd.* 2022; 82:490-500 Braun AS, Feil K, Reiser E *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35528190>
 25. **Safety of intramuscular COVID-19 vaccination in patients with haemophilia.** *Haemophilia* 2022; Tiede A, Leise H, Horneff S *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35561276>
 26. **Immunogenicity and safety of heterologous versus homologous prime-boost schedules with an adenoviral vectored and mRNA COVID-19 vaccine: a systematic review.** *Infect Dis Poverty* 2022; 11:53 Lv J, Wu H, Xu J, Liu J. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35562753>
 27. **Evaluation of the Safety and Efficacy of Favipiravir in Adult Indian Patients with Mild-to-Moderate COVID-19 in a Real-World Setting.** *Int. J. Gen. Med.* 2022; 15:4551-4563 Reddy PK, Patil S, Khobragade A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35535140>
 28. **Liver Injury in COVID-19 Patients with Drugs as Causatives: A Systematic Review of 996 DILI Cases Published 2020/2021 Based on RUCAM as Causality Assessment Method.** *Int J Mol Sci* 2022; 23 Teschke R, Méndez-Sánchez N, Eickhoff A. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35563242>
 29. **[Vaccines against coronavirus disease 2019 (COVID-19) : Efficacy comparison, safety aspects, and current challenges].** *Internist (Berl.)* 2022; 63:666-679 Lipp HP. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35543726>
 30. **Adverse Events and Safety of SARS-CoV-2 Vaccines: What's New and What's Next.** *J Allergy Clin Immunol Pract* 2022; Corey KB, Koo G, Phillips EJ. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35550878>
 31. **Proposing a standardized assessment of COVID-19 vaccine-associated cutaneous reactions.** *J Am Acad Dermatol* 2022; Singh R, Ali R, Prasad S *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35569593>
 32. **Pemphigus vulgaris after COVID-19 infection and vaccination.** *J Am Acad Dermatol* 2022; Zou H, Daveluy S. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35569594>
 33. **Sartans and ACE Inhibitors: Mortality in Patients Hospitalized with COVID-19. Retrospective Study in Patients on Long-Term Treatment Who Died in the Italian Hospitals of Area Vasta n.5-Marche Region.** *J Clin Med* 2022; 11 Mazzoni T, Maraia Z, Ruggeri B *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35566706>
 34. **Supraglottitis as the sole manifestation of COVID-19 in a patient who received two doses of mRNA vaccine.** *J Microbiol Immunol Infect* 2022; Chang KM, Epstein ME, Kennedy WA, 3rd, Niknam N. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35545499>
 35. **The vaccination status and adverse effects of COVID-19 vaccine among pregnant women in Japan in 2021.** *J. Obstet. Gynaecol. Res.* 2022; Komine-Aizawa S, Haruyama Y, Deguchi M *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35537777>
 36. **Anti-COVID-19 and antidiabetic activities of new oleanane and ursane-type triterpenoids from *Salvia grossheimii*: an in-silico approach.** *J. Recept. Signal Transduct. Res.* 2022:1-9 Zare S, Pirhadi S, El Seedi HR, Jassbi AR. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35544359>

37. **Isolated and combined unilateral central retinal artery and vein occlusions after vaccination. A review of the literature.** J. Stroke Cerebrovasc. Dis. 2022; 31:106552Su CK, Au SCL. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35569402>
38. **A case of pityriasis rubra pilaris following AstraZeneca COVID-19 vaccine.** JAAD Case Rep 2022; 24:74-77Wada M, Lee S, Curnow P *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35529074>
39. **Post Covid-19 Vaccination Inflammatory Syndrome: A Case Report.** Mod Rheumatol Case Rep 2022; Durucan I, Guner S, Kilickiran Avci B *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35556127>
40. **Exacerbation of immune thrombocytopenia following initial and booster vaccination with Pfizer-BioNTech COVID-19 vaccine.** Platelets 2022; 33:781-786Aharoni M, Leader A, Shochat T *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35536172>
41. **Vaccine-induced immune thrombotic thrombocytopenia in a male after Ad26.COV2.S vaccination presenting as cerebral venous sinus thrombosis.** Platelets 2022; 33:797-800Wu JF, Bajwa U, Hammad M. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35535430>
42. **Safety of COVID-19 vaccines and disease flares after vaccines in children with rheumatic disease.** Postgrad. Med. 2022;1-6Arslanoglu Aydin E, Baglan E, Bagrul I *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35535525>
43. **Does an adjustment to the dosing and timing of immunomodulatory drugs alter the immunogenicity of the COVID-19 vaccines in patients with autoimmune and inflammatory rheumatic disease (AIIRD)?** RMD Open 2022; 8Laster AJ, Lam GK, Gladue HS *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35534054>
44. **Immune complex-mediated glomerulonephritis post COVID-19 vaccination in a patient with concomitant Brucellosis.** Saudi Med. J. 2022; 43:522-525Al Bakr S, Alaithan MA. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35537721>
45. **The effect of COVID-19 vaccine on ovarian reserve.** Saudi Med. J. 2022; 43:486-490Soysal Ç, Yılmaz E. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35537728>
46. **Unnecessary Use of Corticosteroids for managing early mild symptoms of COVID-19 may lead to Rhino-ortibal-cerebral mucormycosis in Patients with Diabetes - a case series from Lahore, Pakistan.** Ther Adv Infect Dis 2022; 9:20499361221097417Iqtadar S, Hashmat M, Chaudhry MNA *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35547833>
47. **Thrombotic thrombocytopenic purpura (TTP) after COVID-19 vaccination: A systematic review of reported cases.** Thromb Res 2022; 214:115-121Saluja P, Gautam N, Yadala S, Venkata AN. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35533526>
48. **Adverse effects of COVID-19 mRNA vaccines: the spike hypothesis.** Trends Mol. Med. 2022; Trougakos IP, Terpos E, Alexopoulos H *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35537987>
49. **Thapsigargin: key to new host-directed coronavirus antivirals?** Trends Pharmacol Sci 2022; 43:557-568Shaban MS, Mayr-Buro C, Meier-Soelch J *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35534355>
50. **Messenger ribonucleic acid vaccine-associated immune thrombocytopenia: A rare complication of vaccine.** Turk J Emerg Med 2022; 22:111-113Islamoglu MS, Dokur M, Uysal BB, Gunduz M. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35529027>

51. **NSAID use and clinical outcomes in COVID-19 patients: a 38-center retrospective cohort study.** Viol J 2022; 19:84Reese JT, Coleman B, Chan L *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35570298>

Treatment options (67 articles)

1. **Demystifying phytoconstituent-derived nanomedicines in their immunoregulatory and therapeutic roles in inflammatory diseases.** Adv Drug Deliv Rev 2022; 186:114317Chen F, Liu Q. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35533788>
2. **Research on antibody changes and nucleic acid clearance in COVID-19 patients treated with convalescent plasma.** Am J Transl Res 2022; 14:2655-2667Duan L, Xie Y, Wang Q *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35559410>
3. **Efficacy of oseltamivir in the treatment of patients infected with Covid-19.** Ann Med Surg (Lond) 2022; 77:103679Zendehdel A, Bidkhor M, Ansari M *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35531426>
4. **Remdesivir and GS-441524 Retain Antiviral Activity against Delta, Omicron, and Other Emergent SARS-CoV-2 Variants.** Antimicrob. Agents Chemother. 2022:e00222222Pitts J, Li J, Perry JK *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35532238>
5. **Development of a cost-effective ovine antibody-based therapy against SARS-CoV-2 infection and contribution of antibodies specific to the spike subunit proteins.** Antiviral Res 2022; 203:105332Findlay-Wilson S, Easterbrook L, Smith S *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35533779>
6. **Successful outcome using Tocilizumab in COVID-19 pneumonia with respiratory failure on a ward level.** Arch Clin Cases 2022; 9:29-33Morărașu BC, Basirat A, Kooblall M, Lane S. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35529095>
7. **Perspectives on the Use of Small Noncoding RNAs as a Therapy for Severe Virus-Induced Disease Manifestations and Late Complications.** Bionanoscience 2022:1-8Klimenko OV. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35529531>
8. **Reactivation of latent tuberculosis in a COVID-19 patient on corticosteroid treatment.** BMJ Case Rep. 2022; 15Friedman A, DeGeorge KC. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35545310>
9. **Multisystem inflammatory syndrome in an adult with severe hypoxaemia and thyroiditis responsive to corticosteroid and interleukin 6 inhibitor treatment.** BMJ Case Rep. 2022; 15Rojnukoolwanich T, Kuagoolwongse C, Vibhagool A, Pongpirul K. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35537767>
10. **Use of sildenafil in patients with severe COVID-19 pneumonitis.** Br J Anaesth 2022; McFadyen C, Garfield B, Mancio J *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35568507>
11. **An overview of current drugs and prophylactic vaccines for coronavirus disease 2019 (COVID-19).** Cell. Mol. Biol. Lett. 2022; 27:38Alagheband Bahrami A, Azargoonjahromi A, Sadraei S *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35562685>
12. **LY-CoV1404 (bebtelovimab) potently neutralizes SARS-CoV-2 variants.** Cell Rep. 2022; 39:110812Westendorf K, Žentelis S, Wang L *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35568025>

13. **A Phase II Study on the Effect of Taurisolo(®) Administered via AEROSol in Hospitalized Patients with Mild to Moderate COVID-19 Pneumonia: The TAEROVID-19 Study.** *Cells* 2022; 11:Sanduzzi Zamparelli S, Capitelli L, Coppola N *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35563805>
14. **An open-label randomized, controlled trial of the effect of lopinavir/ritonavir, lopinavir/ritonavir plus IFN- β -1a and hydroxychloroquine in hospitalized patients with COVID-19 - Final results.** *Clin Microbiol Infect* 2022; Ader F. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35533972>
15. **Ivermectin associated adverse events in the treatment and prevention of COVID-19 reported to the FACT pharmacovigilance project.** *Clin. Toxicol. (Phila.)* 2022;1-5Farah R, Kazzi Z, Brent J *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35535587>
16. **Potential of 24-Propylcholesterol as Immunity Inducer against Infection of COVID-19 Virus: In Silico Study Immunomodulatory Drugs.** *Comb. Chem. High Throughput Screen.* 2022; Kurnia D, Wiani I, Zainuddin A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35538835>
17. **Computational study and design of effective siRNAs to silence structural proteins associated genes of Indian SARS-CoV-2 strains.** *Comput. Biol. Chem.* 2022; 98:107687Madanagopal P, Muthukumar H, Thiruvengadam K. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35537364>
18. **Nitric Oxide in the Management of Respiratory Consequences in COVID-19: A Scoping Review of a Different Treatment Approach.** *Cureus* 2022; 14:e23852Ghosh A, Joseph B, Anil S. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35530860>
19. **Fluticasone propionate as a potential treatment for COVID-19.** *Drugs Today (Barc)* 2022; 58:241-247McCarthy MW. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35535815>
20. **Analysis of a SARS-CoV-2 convalescent cohort identified a common strategy for escape of vaccine-induced anti-RBD antibodies by Beta and Omicron variants.** *EBioMedicine* 2022; 80:104025Chang MR, Ke H, Coherd CD *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35533497>
21. **Convalescent serum-derived exosomes: Attractive niche as COVID-19 diagnostic tool and vehicle for mRNA delivery.** *Exp. Biol. Med. (Maywood)* 2022;15353702221092984Krishnan A, Gangadaran P, Chavda VP *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35549570>
22. **Outpatient treatment options to address the SARS-CoV-2 variant Omicron.** *Expert Rev. Anti Infect. Ther.* 2022;1-5McCarthy MW. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35549623>
23. **Inhibitors of SARS-CoV-2 PLpro.** *Front Chem* 2022; 10:876212Calleja DJ, Lessene G, Komander D. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35559224>
24. **Lactoferrin as Immune-Enhancement Strategy for SARS-CoV-2 Infection in Alzheimer's Disease Patients.** *Front. Immunol.* 2022; 13:878201Bartolomé F, Rosa L, Valenti P *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35547737>
25. **Nanobodies Protecting From Lethal SARS-CoV-2 Infection Target Receptor Binding Epitopes Preserved in Virus Variants Other Than Omicron.** *Front. Immunol.* 2022; 13:863831Casasnovas JM, Margolles Y, Noriega MA *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35547740>
26. **Intranasal Lentiviral Vector-Mediated Antibody Delivery Confers Reduction of SARS-CoV-2 Infection in Elderly and Immunocompromised Mice.** *Front.*

- Immunol.* 2022; 13:819058Du Y, Zhang S, Zhang Z *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35529866>
27. **Long-Lasting T Cell Responses in BNT162b2 COVID-19 mRNA Vaccinees and COVID-19 Convalescent Patients.** *Front. Immunol.* 2022; 13:869990Hurme A, Jalkanen P, Heroum J *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35529867>
 28. **A Home-Treatment Algorithm Based on Anti-inflammatory Drugs to Prevent Hospitalization of Patients With Early COVID-19: A Matched-Cohort Study (COVER 2).** *Front Med (Lausanne)* 2022; 9:785785Consolaro E, Suter F, Rubis N *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35530041>
 29. **Mechanisms of Action of Ozone Therapy in Emerging Viral Diseases: Immunomodulatory Effects and Therapeutic Advantages With Reference to SARS-CoV-2.** *Front. Microbiol.* 2022; 13:871645Cenci A, Macchia I, La Sorsa V *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35531273>
 30. **Selinexor and COVID-19: The Neglected Warden.** *Front. Pharmacol.* 2022; 13:884228Mostafa-Hedeab G, Al-Kuraishy HM, Al-Gareeb AI *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35559257>
 31. **Effective Regulation of Gut Microbiota With Probiotics and Prebiotics May Prevent or Alleviate COVID-19 Through the Gut-Lung Axis.** *Front. Pharmacol.* 2022; 13:895193Xu L, Yang CS, Liu Y, Zhang X. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35548347>
 32. **Melatonin as a complementary and prophylactic agent against COVID-19 in high-risk populations: A narrative review of recent findings from clinical and preclinical studies.** *Fundam. Clin. Pharmacol.* 2022; Hosseini A, Badri T, Esmaeili Gouvarchin Ghaleh H *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35567287>
 33. **Therapeutic potential of vitamin B(1) derivative benfotiamine from diabetes to COVID-19.** *Future Med. Chem.* 2022; 14:809-826Allowitz KV, Yoo JJ, Taylor JR *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35535731>
 34. **Clinical outcomes of hospitalized COVID-19 patients treated with remdesivir: a retrospective analysis of a large tertiary care center in Germany.** *Infection* 2022;1-12Marx K, Gončarova K, Fedders D *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35553032>
 35. **COVID-19 and corticosteroids: a narrative review.** *Inflammopharmacology* 2022;1-17El-Saber Batiha G, Al-Gareeb AI, Saad HM, Al-Kuraishy HM. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35562628>
 36. **Impacts of Covid-19 interventions on air quality: evidence from Brazilian metropolitan regions.** *Int. J. Environ. Sci. Technol. (Tehran)* 2022;1-22Silva FC, Silva DH, Zamprogna KM *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35529589>
 37. **Evaluation of the Safety and Efficacy of Favipiravir in Adult Indian Patients with Mild-to-Moderate COVID-19 in a Real-World Setting.** *Int. J. Gen. Med.* 2022; 15:4551-4563Reddy PK, Patil S, Khobragade A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35535140>
 38. **Early remdesivir to prevent severe COVID-19 in recipients of solid organ transplant: a real-life study from Northern Italy.** *Int J Infect Dis* 2022; 121:157-160Colaneri M, Amarasinghe N, Rezzonico L *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35533831>
 39. **Effects of Drugs Formerly Proposed for COVID-19 Treatment on Connexin43 Hemichannels.** *Int J Mol Sci* 2022; 23Cooreman A, Caufriez A, Tabernilla A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35563409>

40. **The Role of Nuclear Factor Kappa B (NF- κ B) in Development and Treatment of COVID-19: Review.** *Int J Mol Sci* 2022; 23Gudowska-Sawczuk M, Mroczko B. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35563673>
41. **Rationale for 1068 nm Photobiomodulation Therapy (PBMT) as a Novel, Non-Invasive Treatment for COVID-19 and Other Coronaviruses: Roles of NO and Hsp70.** *Int J Mol Sci* 2022; 23Kitchen LC, Berman M, Halper J, Chazot P. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35563611>
42. **Anti-Inflammatory Effects and Decreased Formation of Neutrophil Extracellular Traps by Enoxaparin in COVID-19 Patients.** *Int J Mol Sci* 2022; 23Saithong S, Saisorn W, Tovichayathamrong P *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35563204>
43. **Liver Injury in COVID-19 Patients with Drugs as Causatives: A Systematic Review of 996 DILI Cases Published 2020/2021 Based on RUCAM as Causality Assessment Method.** *Int J Mol Sci* 2022; 23Teschke R, Méndez-Sánchez N, Eickhoff A. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35563242>
44. **Low dose whole lung irradiation for treatment of COVID-19 pneumonia: A systematic review and meta-analysis.** *Int. J. Radiat. Oncol. Biol. Phys.* 2022; Kolahdouzan K, Chavoshi M, Bayani R, Darzikolaee NM. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35537577>
45. **Low molecular weight chitooligosaccharide inhibits infection of SARS-CoV-2 in vitro.** *J. Appl. Microbiol.* 2022; Jang D, Lee D, Shin YC *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35543341>
46. **Effectiveness of Tocilizumab in Patients with Severe or Critical Lung Involvement in COVID-19: A Retrospective Study.** *J Clin Med* 2022; 11Chober D, Aksak-Waş B, Bobrek-Lesiakowska K *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35566412>
47. **In-silico study for the screening and preparation of ionic liquid-AVDs conjugate to combat COVID-19 surge.** *J. Mol. Liq.* 2022; 359:119277Saraswat J, Riaz U, Patel R. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35530033>
48. **Anti-COVID-19 and antidiabetic activities of new oleanane and ursane-type triterpenoids from *Salvia grossheimii*: an in-silico approach.** *J. Recept. Signal Transduct. Res.* 2022;1-9Zare S, Pirhadi S, El Seedi HR, Jassbi AR. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35544359>
49. **A phase I trial of cyclosporine for hospitalized patients with COVID-19.** *JCI Insight* 2022; 7Blumberg EA, Noll JH, Tebas P *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35536669>
50. **Exploring bioactive peptides as potential therapeutic and biotechnology treasures: A contemporary perspective.** *Life Sci* 2022; 301:120637Patil PJ, Sutar SS, Usman M *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35568229>
51. **Novel super-neutralizing antibody UT28K is capable of protecting against infection from a wide variety of SARS-CoV-2 variants.** *MAbs* 2022; 14:2072455Ozawa T, Tani H, Anraku Y *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35543180>
52. **Serine Protease Inhibitors Restrict Host Susceptibility to SARS-CoV-2 Infections.** *mBio* 2022:e0089222Rosendal E, Mihai IS, Becker M *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35532162>
53. **Effect of tocilizumab versus standard of care in adults hospitalized with moderate-severe COVID-19 pneumonia.** *Med Clin (Engl Ed)* 2022; 158:301-

- 307Cardona-Pascual I, Berlana D, Martinez-Valle F *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35531306>
54. **Antiviral Strategies Against SARS-CoV-2: A Systems Biology Approach.** Methods Mol. Biol. 2022; 2452:317-351Prates ET, Garvin MR, Jones P *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35554915>
 55. **Molecular dynamic simulations reveal anti-SARS-CoV-2 activity of mitocurcumin by potentially blocking innate immune evasion proteins NSP3 and NSP16.** Mol. Divers. 2022;1-15Pal D, Checker R, Kutala VK, Sandur SK.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35538380>
 56. **The Role of Cannabis sativa L. as a Source of Cannabinoids against Coronavirus 2 (SARS-CoV-2): An In Silico Study to Evaluate Their Activities and ADMET Properties.** Molecules 2022; 27Altyar AE, Youssef FS, Kurdi MM *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35566148>
 57. **Nigella sativa L. and COVID-19: A Glance at The Anti-COVID-19 Chemical Constituents, Clinical Trials, Inventions, and Patent Literature.** Molecules 2022; 27Imran M, Khan SA, Abida *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35566101>
 58. **Drug Repurposing for COVID-19: A Review and a Novel Strategy to Identify New Targets and Potential Drug Candidates.** Molecules 2022; 27Rodrigues L, Bento Cunha R, Vassilevskaia T *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35566073>
 59. **Plant Polysaccharides Modulate Immune Function via the Gut Microbiome and May Have Potential in COVID-19 Therapy.** Molecules 2022; 27Tang M, Cheng L, Liu Y *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35566123>
 60. **Synthesis and Applications of Nitrogen-Containing Heterocycles as Antiviral Agents.** Molecules 2022; 27Tran TN, Henary M.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35566055>
 61. **Differential antibody response to COVID-19 vaccines across immunomodulatory therapies for multiple sclerosis.** Mult Scler Relat Disord 2022; 62:103737Satyanarayan S, Safi N, Sorets T *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35533419>
 62. **Screening Large Population Health Databases for Potential Coronavirus Disease 2019 Therapeutics: A Pharmacopeia-Wide Association Study of Commonly Prescribed Medications.** Open Forum Infect Dis 2022; 9:ofac156MacFadden DR, Brown K, Buchan SA *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35531374>
 63. **Immune-related therapeutics: an update on antiviral drugs and vaccines to tackle the COVID-19 pandemic.** Osong Public Health Res Perspect 2022; 13:84-100Mir I, Aamir S, Shah SRH *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35538681>
 64. **Phytomedicines explored under in vitro and in silico studies against coronavirus: An opportunity to develop traditional medicines.** S Afr J Bot 2022; Gandhi Y, Mishra SK, Rawat H *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35530267>
 65. **Unnecessary Use of Corticosteroids for managing early mild symptoms of COVID-19 may lead to Rhino-orbital-cerebral mucormycosis in Patients with Diabetes - a case series from Lahore, Pakistan.** Ther Adv Infect Dis 2022; 9:20499361221097417Iqtadar S, Hashmat M, Chaudhry MNA *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35547833>

66. **Thapsigargin: key to new host-directed coronavirus antivirals?** Trends Pharmacol Sci 2022; 43:557-568Shaban MS, Mayr-Buro C, Meier-Soelch J *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35534355>
67. **NSAID use and clinical outcomes in COVID-19 patients: a 38-center retrospective cohort study.** Viol J 2022; 19:84Reese JT, Coleman B, Chan L *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35570298>

Trials (20 articles)

1. **Factors influencing refugees' willingness to accept COVID-19 vaccines in Greater Sydney: a qualitative study.** Aust. N. Z. J. Public Health 2022; Mahimbo A, Kang M, Sestakova L *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35555951>
2. **Multi-site observational maternal and infant COVID-19 vaccine study (MOMI-vax): a study protocol.** BMC Pregnancy Childbirth 2022; 22:402Munoz FM, Beigi RH, Posavad CM *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35550037>
3. **The SARS-CoV-2 Pandemic and Cancer Trials Ireland: Impact, Resolution and Legacy.** Cancers (Basel) 2022; 14O'Reilly S, Murphy V, Mulroe E *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35565375>
4. **Antibody response of heterologous vs homologous mRNA vaccine boosters against the SARS-CoV-2 Omicron variant: interim results from the PRIBIVAC study, A Randomized Clinical Trial.** Clin Infect Dis 2022; Poh XY, Tan CW, Lee IR *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35543372>
5. **An open-label randomized, controlled trial of the effect of lopinavir/ritonavir, lopinavir/ritonavir plus IFN- β -1a and hydroxychloroquine in hospitalized patients with COVID-19 - Final results.** Clin Microbiol Infect 2022; Ader F. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35533972>
6. **Collateral effect of the COVID-19 pandemic on cardiology service provision and cardiovascular mortality in a population-based study: COVID-COR-LT.** Clin Res Cardiol 2022;1-17Čelutkienė J, Čerlinskaitė-Bajorė K, Bajoras V *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35552504>
7. **Septic and Crystal-Induced Arthritis (Pseudogout) Post-COVID-19 Vaccination.** Cureus 2022; 14:e23902Wireko FW, Khalafalla S, Jamshidi T, Mahgoub S. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35530843>
8. **Long-Lasting T Cell Responses in BNT162b2 COVID-19 mRNA Vaccinees and COVID-19 Convalescent Patients.** Front. Immunol. 2022; 13:869990Hurme A, Jalkanen P, Heroum J *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35529867>
9. **A Home-Treatment Algorithm Based on Anti-inflammatory Drugs to Prevent Hospitalization of Patients With Early COVID-19: A Matched-Cohort Study (COVER 2).** Front Med (Lausanne) 2022; 9:785785Consolaro E, Suter F, Rubis N *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35530041>
10. **Post-COVID Condition in Adults and Children Living in the Same Household in Italy: A Prospective Cohort Study Using the ISARIC Global Follow-Up Protocol.** Front Pediatr 2022; 10:834875Buonsenso D, Munblit D, Pazukhina E *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35529336>
11. **COVID-19 Infection During Pregnancy Induces Differential Gene Expression in Human Cord Blood Cells From Term Neonates.** Front Pediatr 2022; 10:834771Gayen Nee' Betal S, Urday P, Al-Kouatly HB *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35547542>

12. **Melatonin as a complementary and prophylactic agent against COVID-19 in high-risk populations: A narrative review of recent findings from clinical and preclinical studies.** Fundam. Clin. Pharmacol. 2022; Hosseini A, Badri T, Esmaeili Gouvarchin Ghaleh H *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35567287>
13. **Perspectives of healthcare workers in South Africa on COVID-19 vaccination passports.** Health SA 2022; 27:1823van Vuuren CJJ, van Vuuren JMJ. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35548060>
14. **Intention to participate in COVID-19 vaccine clinical trials in May 2021: a cross-sectional survey in the general French population.** Hum Vaccin Immunother 2022:2072630Gagneux-Brunon A, Ward JK, Bonneton M *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35561252>
15. **The Usage of an Air Purifier Device with HEPA 14 Filter during Dental Procedures in COVID-19 Pandemic: A Randomized Clinical Trial.** Int J Environ Res Public Health 2022; 19Capparè P, D'Ambrosio R, De Cunto R *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564533>
16. **Early remdesivir to prevent severe COVID-19 in recipients of solid organ transplant: a real-life study from Northern Italy.** Int J Infect Dis 2022; 121:157-160Colaneri M, Amarasinghe N, Rezzonico L *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35533831>
17. **Gender, ethnicity differences in mental health status and COVID-19 vaccine intention among U.S. College students during COVID-19 pandemic.** J. Am. Coll. Health 2022:1-10Xu L, Lu W, Smith AW *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35549991>
18. **Reverse vaccinology-based prediction of a multi-epitope SARS-CoV-2 vaccine and its tailoring to new coronavirus variants.** J Biomol Struct Dyn 2022:1-22Ezzemani W, Kettani A, Sappati S *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35549819>
19. **Preeclampsia among women with COVID-19 during pregnancy and its impact on maternal and perinatal outcomes: Results from a national multicenter study on COVID in Brazil, the REBRACO initiative.** Pregnancy Hypertens. 2022; 28:168-173Guida JP, Cecatti JG, Souza RT *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35568019>
20. **COVID-19 infection among patients with autoinflammatory diseases: a study on 117 French patients compared with 1545 from the French RMD COVID-19 cohort: COVIMAI - the French cohort study of SARS-CoV-2 infection in patient with systemic autoinflammatory diseases.** RMD Open 2022; 8Bourguiba R, Kyheng M, Koné-Paut I *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35537796>

Vaccines (134 articles)

1. **Predicting the Effects of Waning Vaccine Immunity Against COVID-19 through High-Resolution Agent-Based Modeling.** Adv Theory Simul 2022; 5:2100521Truszkowska A, Zino L, Butail S *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35540703>
2. **Safety of an inactivated COVID-19 vaccine in patients with - wheat-dependent exercise-induced anaphylaxis.** Allergol. Immunopathol. (Madr.) 2022; 50:132-137Du Z, Yin J. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35527667>
3. **Understanding attitudes and obstacles to vaccination against COVID-19 in patients with primary immunodeficiency.** Allergy Asthma Clin. Immunol. 2022;

- 18:38Aberumand B, Ayoub Goulstone W, Betschel S.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35534860>
4. **Incidental findings on a Tc99m-SESTAMIBI parathyroid scan post COVID-19 vaccination.** *Am. J. Nucl. Med. Mol. Imaging* 2022; 12:71-73Muhleman MA, Oldan JD, Khandani AH. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35535123>
 5. **COVID-19 vaccination in pregnancy.** *Am J Obstet Gynecol* 2022; Kalafat E, Heath P, Prasad S *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35568189>
 6. **SARS-CoV-2 mRNA Vaccine Antibody Response in Asthma Patients with Biologic Therapy after Second and Booster Dose: A Real-world Analysis.** *Am J Respir Crit Care Med* 2022; Liao SY, Gerber AN, Zelarney P *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35549647>
 7. **Reply to: CoronaVac or BNT162b2 Vaccine as a Third Dose.** *Am J Respir Crit Care Med* 2022; Mok CKP, Peiris M, Hui DS. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35561327>
 8. **Transient but recurrent complete heart block in a patient after COVID-19 vaccination - A case report.** *Ann Med Surg (Lond)* 2022; 78:103694Etienne H, Charles P, Pierre T. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35530368>
 9. **Designing an integrated responsive-green-cold vaccine supply chain network using Internet-of-Things: artificial intelligence-based solutions.** *Ann Oper Res* 2022:1-45Goodarzian F, Navaei A, Ehsani B *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35540307>
 10. **A case of myopericarditis following administration of the Pfizer COVID-19 vaccine.** *Arch Clin Cases* 2022; 9:1-5Morton Z, Green D, Grisham M. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35529098>
 11. **Increment of D-dimer Associated with Immune Thrombotic Thrombocytopenia in ChAdOx1 nCoV-19 Vaccinated Individuals.** *Arch Med Res* 2022; 53:341-351Ornelas-Aguirre JM, Gómez-Alcalá AV, Ramírez-Leyva DH. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35534335>
 12. **Recommendation and Roadmap of Mass Vaccination against Coronavirus Disease 2019 Pandemic in Bangladesh as a Lower-Middle-Income Country.** *Arch Razi Inst* 2021; 76:1823-1830Hossain MJ, Rahman SMA, Emran TB *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35546989>
 13. **Factors influencing refugees' willingness to accept COVID-19 vaccines in Greater Sydney: a qualitative study.** *Aust. N. Z. J. Public Health* 2022; Mahimbo A, Kang M, Sestakova L *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35555951>
 14. **Profiling Hesitancy to COVID-19 Vaccinations in Six European Countries: Behavioral, Attitudinal and Demographic Determinants.** *Behav. Med.* 2022:1-12Kyprianidou M, Konstantinou P, Alvarez-Galvez J *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35546258>
 15. **Multi-site observational maternal and infant COVID-19 vaccine study (MOMI-vax): a study protocol.** *BMC Pregnancy Childbirth* 2022; 22:402Munoz FM, Beigi RH, Posavad CM *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35550037>
 16. **Rare occurrence of Guillain-Barré syndrome after Moderna vaccine.** *BMJ Case Rep.* 2022; 15Bijoy George T, Kainat A, Pachika PS, Arnold J. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35534045>
 17. **Management of a severe bilateral pulmonary embolism as a complication of VITT following vaccination with AstraZeneca COVID-19 vaccine.** *BMJ Case Rep.* 2022; 15Elkoumy M, Schoen J, Loew A. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35545306>

18. **Non-arteritic anterior ischaemic optic neuropathy (NA-AION) and COVID-19 vaccination.** BMJ Case Rep. 2022; 15:Sanjay S, Acharya I, Rawoof A, Shetty R. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35568418>
19. **Indonesian nursing students' intention to accept COVID-19 vaccines: an online, multicentre survey.** Br J Nurs 2022; 31:488-494Sirait HS, Saidah Q, Hasanah O *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35559702>
20. **An overview of current drugs and prophylactic vaccines for coronavirus disease 2019 (COVID-19).** Cell. Mol. Biol. Lett. 2022; 27:38Alagheband Bahrami A, Azargoonjahromi A, Sadraei S *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35562685>
21. **Variant-specific vaccination induces systems immune responses and potent in vivo protection against SARS-CoV-2.** Cell Rep Med 2022; 3:100634Peng L, Renauer PA, Ökten A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35561673>
22. **IgA nephropathy with glomerular capillary IgA deposition following SARS-CoV-2 mRNA vaccination: a report of three cases.** CEN Case Rep 2022;1-7Yokote S, Ueda H, Shimizu A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35562631>
23. **Three-month ad interim analysis of total anti-SARS-CoV-2 antibodies in healthy recipient of a single BNT162b2 vaccine booster.** Clin Chem Lab Med 2022; 60:e181-e183Salvagno GL, Henry BM, Pighi L *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35562102>
24. **Modelling the impact of perfect and imperfect vaccination strategy against SARS CoV-2 by assuming varied vaccine efficacy over India.** Clin Epidemiol Glob Health 2022; 15:101052Yaladanda N, Mopuri R, Vavilala HP, Mutheneni SR. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35535224>
25. **Exploring Coronavirus Disease 2019 Vaccine Hesitancy on Twitter Using Sentiment Analysis and Natural Language Processing Algorithms.** Clin Infect Dis 2022; 74:e4-e9Bari A, Heymann M, Cohen RJ *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35568473>
26. **SARS-CoV-2 infection versus vaccination in pregnancy: Implications for maternal and infant immunity.** Clin Infect Dis 2022; Conti MG, Terreri S, Terrin G *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35535796>
27. **Antibody response of heterologous vs homologous mRNA vaccine boosters against the SARS-CoV-2 Omicron variant: interim results from the PRIBIVAC study, A Randomized Clinical Trial.** Clin Infect Dis 2022; Poh XY, Tan CW, Lee IR *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35543372>
28. **Humoral Response to Third Dose of SARS-CoV-2 Vaccines in the CKD Spectrum.** Clin J Am Soc Nephrol 2022; 17:872-876Quiroga B, Soler MJ, Ortiz A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35551070>
29. **Effect of moderate-to-severe hepatic steatosis on neutralising antibody response among BNT162b2 and CoronaVac recipients.** Clin Mol Hepatol 2022; Cheung KS, Lam LK, Hui RWH *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35545127>
30. **COVID-19 Vaccines in Inherited Retinal Degenerations (IRD), Fears, Ideas and Real Interactions.** Clin. Ophthalmol. 2022; 16:1413-1417Vingolo EM. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35529953>
31. **The popularity of contradictory information about COVID-19 vaccine on social media in China.** Comput. Human Behav. 2022; 134:107320Wang D, Zhou Y. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35527790>

32. **Social media sentiment analysis to monitor the performance of vaccination coverage during the early phase of the national COVID-19 vaccine rollout.** *Comput. Methods Programs Biomed.* 2022; 221:106838Rahmanti AR, Chien CH, Nursetyo AA *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35567863>
33. **Acute Multiple Sclerosis Exacerbation After Vaccination With the Johnson & Johnson COVID-19 Vaccine: Novel Presentation and First Documented Case Report.** *Cureus* 2022; 14:e24017Al-Midfai Y, Kujundzic W, Uppal S *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35547449>
34. **COVID-19 Vaccine Challenges in Developing and Developed Countries.** *Cureus* 2022; 14:e23951Yarlagadda H, Patel MA, Gupta V *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35547442>
35. **COVID-19 Vaccination Hesitancy: A Review of the Literature and Recommendations.** *Curr Rev Clin Exp Pharmacol* 2022; Alrabadi N, Bany-Melhem S, Alzoubi KH *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35549859>
36. **Antibody levels in people with diabetes after one dose of the ChAdOx1 nCoV-19 (AZD1222) vaccine.** *Diabetol Int* 2022;1-7Rangsrisaeneepitak V, Porntharukchareon T, Dechates B *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35528950>
37. **COVID-19 vaccine website accessibility dashboard.** *Disabil Health J* 2022;101325Jo G, Habib D, Varadaraj V *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35534390>
38. **Analysis of a SARS-CoV-2 convalescent cohort identified a common strategy for escape of vaccine-induced anti-RBD antibodies by Beta and Omicron variants.** *EBioMedicine* 2022; 80:104025Chang MR, Ke H, Coherd CD *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35533497>
39. **SARS-CoV-2 vaccination diversifies the CD4+ spike-reactive T cell repertoire in patients with prior SARS-CoV-2 infection.** *EBioMedicine* 2022; 80:104048Dykema AG, Zhang B, Woldemeskel BA *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35533495>
40. **Epidemiology, clinical presentations and outcome of patients presenting to the emergency department after a COVID-19 vaccination: An observational study.** *Emerg. Med. Australas.* 2022; Akhlaghi H, Dinou V, Jones H *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35527398>
41. **Axillary lymph node imaging in mRNA, vector-based, and mix-and-match COVID-19 vaccine recipients: ultrasound features.** *Eur Radiol* 2022;1-10Igual-Rouilleault AC, Soriano I, Elizalde A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35554651>
42. **Safety profile of COVID-19 vaccines, preventive strategies, and patient management.** *Expert Rev Vaccines* 2022;1-9Prabhu MM, Palaian S, Ansari M. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35559718>
43. **Innovation and immunization program management: traceability and quality in Latin America and the Caribbean, laying the groundwork for a regional action plan.** *Expert Rev Vaccines* 2022;1-6Tregnaghi P, Ospina-Henao S, Maldonado Oliva C *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35549597>
44. **COVID-19 vaccination hesitancy among Iraqi general population between beliefs and barriers: An observational study.** *F1000Res* 2022; 11:334Shareef LG, Fawzi Al-Hussainy A, Majeed Hameed S. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35529280>

45. **Impact of COVID-19 Vaccination Status and Confidence on Dietary Practices among Chinese Residents.** Foods 2022; 11:Li Z, Ma Y, Huo S *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35564088>
46. **Quantifying the Excess Risk of Adverse COVID-19 Outcomes in Unvaccinated Individuals With Diabetes Mellitus, Hypertension, Ischaemic Heart Disease or Myocardial Injury: A Meta-Analysis.** Front Cardiovasc Med 2022; 9:871151Ng SM, Pan J, Mouyis K *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35557537>
47. **Acute Fulminant Myocarditis After ChAdOx1 nCoV-19 Vaccine: A Case Report and Literature Review.** Front Cardiovasc Med 2022; 9:856991Wu CT, Chin SC, Chu PH. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35528839>
48. **Factors Influencing Background Incidence Rate Calculation: Systematic Empirical Evaluation Across an International Network of Observational Databases.** Front. Pharmacol. 2022; 13:814198Ostropolets A, Li X, Makadia R *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35559254>
49. **Immunogenicity of Inactivated SARS-CoV-2 Vaccines in Patients With Rheumatoid Arthritis: A Case Series.** Front Public Health 2022; 10:875558Zhao T, Shen J, Zhu Y *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35548080>
50. **Corona and Reproduction, or Why the Corona Vaccination Does Not Result in Infertility.** Geburtshilfe Frauenheilkd. 2022; 82:490-500Braun AS, Feil K, Reiser E *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35528190>
51. **Antibody Response and Maternofetal Antibody Transfer in SARS-CoV-2-Positive Pregnant Women: A Multicenter Observational Study.** Geburtshilfe Frauenheilkd. 2022; 82:501-509Enengl S, Pecks U, Oppelt P *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35528188>
52. **Therapeutic approaches and vaccination in fighting COVID-19 infections: A review.** Gene Rep 2022; 27:101619Adibzadeh S, Amiri S, Nia GE *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35530725>
53. **Safety of intramuscular COVID-19 vaccination in patients with haemophilia.** Haemophilia 2022; Tiede A, Leise H, Horneff S *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35561276>
54. **COVID-19 management: The vaccination drive in India.** Health Policy Technol 2022; 11:100636Purohit N, Chugh Y, Bahuguna P, Prinja S.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35531441>
55. **The Norwegian way: COVID-19 vaccination policy and practice.** Health Policy Technol 2022; 11:100635Skjesol I, Tritter JQ. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35531440>
56. **Knowledge and Attitude towards COVID-19 Vaccination and Associated Factors among College Students in Northwest Ethiopia,2021.** Health Serv Res Manag Epidemiol 2022; 9:23333928221098903Aklil MB, Temesgan WZ.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35528024>
57. **Factors associated with COVID-19 vaccine hesitancy in Senegal: a mixed study.** Hum Vaccin Immunother 2022:1-12Ba MF, Faye A, Kane B *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35543616>
58. **The impact of COVID-19 on routine vaccinations in Taiwan and an unexpected surge of pneumococcal vaccination.** Hum Vaccin Immunother 2022:1-9Chiu NC, Lo KH, Chen CC *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35561305>
59. **Intention to participate in COVID-19 vaccine clinical trials in May 2021: a cross-sectional survey in the general French population.** Hum Vaccin

- [Immunother 2022;2072630](https://pubmed.ncbi.nlm.nih.gov/35561252/)Gagneux-Brunon A, Ward JK, Bonneton M *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35561252>
60. **Immunogenicity and safety of heterologous versus homologous prime-boost schedules with an adenoviral vectored and mRNA COVID-19 vaccine: a systematic review.** [Infect Dis Poverty 2022; 11:53](https://pubmed.ncbi.nlm.nih.gov/35562753/)Lv J, Wu H, Xu J, Liu J.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35562753>
 61. **Analyzing the vaccination debate in social media data Pre- and Post-COVID-19 pandemic.** [Int J Appl Earth Obs Geoinf 2022; 110:102783](https://pubmed.ncbi.nlm.nih.gov/35528967/)Chen Q, Crooks A.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35528967>
 62. **Development and Psychometric Properties of the Health Belief Scales toward COVID-19 Vaccine: A Cross-Sectional Study in North-Eastern Poland.** [Int J Environ Res Public Health 2022; 19](https://pubmed.ncbi.nlm.nih.gov/35564819/)Konaszewski K, Muszyńska J, Skalski SB, Surzykiewicz J. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564819>
 63. **The Relationship between Attitudes and Satisfaction Concerning the COVID-19 Vaccine and Vaccine Boosters in Urban Bangkok, Thailand: A Cross-Sectional Study.** [Int J Environ Res Public Health 2022; 19](https://pubmed.ncbi.nlm.nih.gov/35564481/)Kunno J, Supawattanabodee B, Sumanasrethakul C *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35564481>
 64. **The Psychological Experience of COVID-19 Vaccination and Its Impact on the Willingness to Receive Booster Vaccines among the Chinese Population: Evidence from a National Cross-Sectional Study.** [Int J Environ Res Public Health 2022; 19](https://pubmed.ncbi.nlm.nih.gov/35564859/)Miao Y, Li Y, Zhang W *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564859>
 65. **The COVID-19 Vaccination and Vaccine Inequity Worldwide: An Empirical Study Based on Global Data.** [Int J Environ Res Public Health 2022; 19](https://pubmed.ncbi.nlm.nih.gov/35564661/)Ning C, Wang H, Wu J *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564661>
 66. **Predictors of Uncertainty and Unwillingness to Receive the COVID-19 Vaccine in Men Who Have Sex with Men in France.** [Int J Environ Res Public Health 2022; 19](https://pubmed.ncbi.nlm.nih.gov/35564769/)Ousseine YM, Vaux S, Vandentorren S *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35564769>
 67. **COVID-19 Vaccine Acceptance among Social Media Users: A Content Analysis, Multi-Continent Study.** [Int J Environ Res Public Health 2022; 19](https://pubmed.ncbi.nlm.nih.gov/35565132/)Shaaban R, Ghazy RM, Elsherif F *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35565132>
 68. **The COVID-19 Lockdown and Mental Wellbeing of Females in China.** [Int J Environ Res Public Health 2022; 19](https://pubmed.ncbi.nlm.nih.gov/35564365/)Xia CL, Wei AP, Huang YT.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35564365>
 69. **Behavioral Intention to Get a Booster Dose of COVID-19 Vaccine among Chinese Factory Workers.** [Int J Environ Res Public Health 2022; 19](https://pubmed.ncbi.nlm.nih.gov/35564639/)Zhang K, Fang Y, Chan PS *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564639>
 70. **SARS-CoV-2 and Influenza A virus: Dual diagnostics and vaccines.** [Int J Surg 2022; 102:106653](https://pubmed.ncbi.nlm.nih.gov/35568309/)Saied AA, Dhawan M, Priyanka, Choudhary OP.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35568309>
 71. **Vaccinations for the immunologic memory—Repeatedly or once only?** [Internist 2022; 63:476-483](https://pubmed.ncbi.nlm.nih.gov/35543726/)Lehmann C.
 72. **[Vaccines against coronavirus disease 2019 (COVID-19) : Efficacy comparison, safety aspects, and current challenges].** [Internist \(Berl.\) 2022; 63:666-679](https://pubmed.ncbi.nlm.nih.gov/35543726/)Lipp HP. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35543726>

73. **SARS-CoV-2 vaccination in the immunocompromised host.** J Allergy Clin Immunol 2022; Connolly CM, Paik JJ. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35568078>
74. **Adverse Events and Safety of SARS-CoV-2 Vaccines: What's New and What's Next.** J Allergy Clin Immunol Pract 2022; Corey KB, Koo G, Phillips EJ. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35550878>
75. **Proposing a standardized assessment of COVID-19 vaccine-associated cutaneous reactions.** J Am Acad Dermatol 2022; Singh R, Ali R, Prasad S *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35569593>
76. **Pemphigus vulgaris after COVID-19 infection and vaccination.** J Am Acad Dermatol 2022; Zou H, Daveluy S. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35569594>
77. **Gender, ethnicity differences in mental health status and COVID-19 vaccine intention among U.S. College students during COVID-19 pandemic.** J. Am. Coll. Health 2022:1-10 Xu L, Lu W, Smith AW *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35549991>
78. **The roots of COVID-19 vaccine hesitancy: evidence from Hungary.** J. Behav. Med. 2022:1-16 BÍró-Nagy A, Szászi Á J. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35567729>
79. **Vaccinating across the aisle: using co-partisan source cues to encourage COVID-19 vaccine uptake in the ideological right.** J. Behav. Med. 2022:1-13 Sylvester S, Motta M, Trujillo KL, Callaghan T. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35543897>
80. **Reverse vaccinology-based prediction of a multi-epitope SARS-CoV-2 vaccine and its tailoring to new coronavirus variants.** J Biomol Struct Dyn 2022:1-22 Ezzemani W, Kettani A, Sappati S *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35549819>
81. **Favorable vaccine-induced SARS-CoV-2-specific T cell response profile in patients undergoing immune-modifying therapies.** J. Clin. Invest. 2022; 132 Qui M, Le Bert N, Chan WPW *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35536644>
82. **Humoral and T-Cell Response before and after a Fourth BNT162b2 Vaccine Dose in Adults ≥ 60 Years.** J Clin Med 2022; 11 Bar-Haim E, Eliakim-Raz N, Stemmer A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35566774>
83. **COVID-19 Vaccination in Inflammatory Bowel Disease (IBD).** J Clin Med 2022; 11 Kubas A, Malecka-Wojcieszko E. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35566802>
84. **Importance of Vaccination against SARS-CoV-2 in Patients with Interstitial Lung Disease Associated with Systemic Autoimmune Disease.** J Clin Med 2022; 11 Mena-Vázquez N, García-Studer A, Rojas-Gimenez M *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35566564>
85. **Serological Response to Three, Four and Five Doses of SARS-CoV-2 Vaccine in Kidney Transplant Recipients.** J Clin Med 2022; 11 Osmanodja B, Ronicke S, Budde K *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35566691>
86. **Obstetric and Neonatal Outcomes following COVID-19 Vaccination in Pregnancy.** J Clin Med 2022; 11 Peretz-Machluf R, Hirsh-Yechezkel G, Zaslavsky-Paltiel I *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35566665>
87. **COVID-19 Quarantine Dramatically Affected Male Sexual Behavior: Is There a Possibility to Go Back to Normality?** J Clin Med 2022; 11 Spirito L, Morelli M, La

- Rocca R *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35566771>
88. **Factors Related to the Intention to Get Vaccinated Against COVID-19 in the Province of New Brunswick, Canada.** *J. Community Health* 2022;1-6Lachance-Grzela M, Charbonneau A, Jbilou J *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35567712>
 89. **The mediating role of vaccine hesitancy in the relations of COVID-19 conspiracy beliefs and vaccination outcomes: Which dimensions matter?** *J Health Psychol* 2022;13591053221096013Howard MC, Davis MM. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35543352>
 90. **Identification of SARS-CoV-2 variants of concern in vaccine-breakthrough infections.** *J Infect Dev Ctries* 2022; 16:580-582Abdalhamid B, Donahue M, Kamal-Ahmed I *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35544616>
 91. **Humoral Immunogenicity of the mRNA-1273 Vaccine in the Phase 3 COVE Trial.** *J Infect Dis* 2022; El Sahly HM, Baden LR, Essink B *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35535503>
 92. **Older adults mount less durable humoral responses to two doses of COVID-19 mRNA vaccine, but strong initial responses to a third dose.** *J Infect Dis* 2022; Mwimanzi F, Lapointe HR, Cheung PK *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35543278>
 93. **Adults hospitalized with breakthrough COVID-19 have lower mortality than matched unvaccinated adults.** *J Intern Med* 2022; Myers LC, Kipnis P, Greene J *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35531712>
 94. **Immunogenicity of COVID-19 vaccines in patients with diverse health conditions: A comprehensive systematic review.** *J Med Virol* 2022; Cho K, Park S, Kim EY *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35567325>
 95. **Supraglottitis as the sole manifestation of COVID-19 in a patient who received two doses of mRNA vaccine.** *J Microbiol Immunol Infect* 2022; Chang KM, Epstein ME, Kennedy WA, 3rd, Niknam N. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35545499>
 96. **The vaccination status and adverse effects of COVID-19 vaccine among pregnant women in Japan in 2021.** *J. Obstet. Gynaecol. Res.* 2022; Komine-Aizawa S, Haruyama Y, Deguchi M *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35537777>
 97. **Cross-National Comparison of Religion as a Predictor of COVID-19 Vaccination Rates.** *J Relig Health* 2022; 61:2198-2211Trepanowski R, Drazkowski D. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35556198>
 98. **Oral mucosa lesions in confirmed and non-vaccinated cases for COVID-19: A systematic review.** *J Stomatol Oral Maxillofac Surg* 2022; Santana L, Vieira WA, Gonçalo RIC *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35550190>
 99. **Isolated and combined unilateral central retinal artery and vein occlusions after vaccination. A review of the literature.** *J. Stroke Cerebrovasc. Dis.* 2022; 31:106552Su CK, Au SCL. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35569402>
 100. **Fourth dose of COVID-19 vaccine: Does it still contribute any additional immunoprotection?** *J Taibah Univ Med Sci* 2022; 17:533-536Mungmunpuntipantip R, Wiwanitkit V. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35528234>
 101. **A case of pityriasis rubra pilaris following AstraZeneca COVID-19 vaccine.** *JAAD Case Rep* 2022; 24:74-77Wada M, Lee S, Curnow P *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35529074>

102. **The Efficacy of a Brief, Altruism-Eliciting Video Intervention in Enhancing COVID-19 Vaccination Intentions Among a Population-Based Sample of Younger Adults: Randomized Controlled Trial.** JMIR Public Health Surveill 2022; 8:e37328Zhu P, Tatar O, Griffin-Mathieu G *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35544437>
103. **Impact of optimal vaccination and social distancing on COVID-19 pandemic.** Math Comput Simul 2022; 200:285-314Saha S, Samanta G, Nieto JJ.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35531464>
104. **Post Covid-19 Vaccination Inflammatory Syndrome: A Case Report.** Mod Rheumatol Case Rep 2022; Durucan I, Guner S, Kilickiran Avci B *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35556127>
105. **MAIT cell compartment characteristics are associated with the immune response magnitude to the BNT162b2 mRNA anti-SARS-CoV-2 vaccine.** Mol. Med. 2022; 28:54Boulouis C, Kammann T, Cuapio A *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35562666>
106. **Seroconversion rate after primary vaccination with two doses of BNT162b2 versus mRNA-1273 in solid organ transplant recipients: a systematic review and meta-analysis.** Nephrol Dial Transplant 2022; Verleye A, Wijtvlit V, Abrams S *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35544087>
107. **COVID-19 outbreak response at a nursing hospital in South Korea in the post-vaccination era, including an estimation of the effectiveness of the first shot of the Oxford-AstraZeneca COVID-19 vaccine (ChAdOx1-S).** Osong Public Health Res Perspect 2022; 13:114-122Kim C, Kang G, Kang SG, Lee H.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35538683>
108. **Covid-19 in children aged 5-11: Examining the issues surrounding vaccination and public health policy.** Paediatr. Respir. Rev. 2022; Myers V, Saban M, Wilf-Miron R. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35568661>
109. **Willingness to receive the COVID-19 vaccine and associated factors among residents of Southwestern Ethiopia: A cross-sectional study.** Patient Prefer Adherence 2022; 16:1177-1185Jabessa D, Bekele F.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35535255>
110. **Exacerbation of immune thrombocytopenia following initial and booster vaccination with Pfizer-BioNTech COVID-19 vaccine.** Platelets 2022; 33:781-786Aharoni M, Leader A, Shochat T *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35536172>
111. **Vaccine-induced immune thrombotic thrombocytopenia in a male after Ad26.COV2.S vaccination presenting as cerebral venous sinus thrombosis.** Platelets 2022; 33:797-800Wu JF, Bajwa U, Hammad M.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35535430>
112. **Safety of COVID-19 vaccines and disease flares after vaccines in children with rheumatic disease.** Postgrad. Med. 2022;1-6Arslanoglu Aydin E, Baglan E, Bagrul I *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35535525>
113. **COVID-19 vaccine hesitancy and political ideation among college students in Central New York: The influence of differential media choice.** Prev Med Rep 2022; 27:101810Lasher E, Fulkerson G, Seale E *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35541216>
114. **Immigration enforcement exposures and COVID-19 vaccine intentions among undocumented immigrants in California.** Prev Med Rep 2022;

- 27:101808Sudhinaraset M, Nwankwo E, Choi HY.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35529020>
115. **Proteome Exploration of human coronaviruses for Identifying Novel vaccine candidate: A Hierarchical Subtractive Genomics and Reverse Vaccinology Approach.** Recent Pat Biotechnol 2022; Dorosti H, Zarei M, Nezafat N.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35538841>
 116. **[Promotion of Covid-19 vaccination by nursing students].** Rev. Infirm. 2022; 71:35-37Barré C, Billy C. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35550097>
 117. **The Impact of COVID-19 Pandemic Lockdown on Routine Immunization in the Province of Laghman, Afghanistan.** Risk Manag. Healthc. Policy 2022; 15:901-908Abid Z, Castro Delgado R, Cernuda Martinez JA, Arcos González P.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35547645>
 118. **Does an adjustment to the dosing and timing of immunomodulatory drugs alter the immunogenicity of the COVID-19 vaccines in patients with autoimmune and inflammatory rheumatic disease (AIIRD)?** RMD Open 2022; 8Laster AJ, Lam GK, Gladue HS *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35534054>
 119. **Immune complex-mediated glomerulonephritis post COVID-19 vaccination in a patient with concomitant Brucellosis.** Saudi Med. J. 2022; 43:522-525Al Bakr S, Alaithan MA. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35537721>
 120. **The effect of COVID-19 vaccine on ovarian reserve.** Saudi Med. J. 2022; 43:486-490Soysal Ç, Yilmaz E. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35537728>
 121. **Thrombotic thrombocytopenic purpura (TTP) after COVID-19 vaccination: A systematic review of reported cases.** Thromb Res 2022; 214:115-121Saluja P, Gautam N, Yadala S, Venkata AN. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35533526>
 122. **Immune Response to Third Dose BNT162b2 COVID-19 Vaccine Among Kidney Transplant Recipients-A Prospective Study.** Transpl Int 2022; 35:10204Yahav D, Rahamimov R, Mashraki T *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35529596>
 123. **Adverse effects of COVID-19 mRNA vaccines: the spike hypothesis.** Trends Mol. Med. 2022; Trougakos IP, Terpos E, Alexopoulos H *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35537987>
 124. **Messenger ribonucleic acid vaccine-associated immune thrombocytopenia: A rare complication of vaccine.** Turk J Emerg Med 2022; 22:111-113Islamoglu MS, Dokur M, Uysal BB, Gunduz M. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35529027>
 125. **The nineteenth-century experience of the kingdom of the two Sicilies on mandatory vaccination: An Italian phenomenon?** Vaccine 2022; 40:3452-3454Bifulco M, Di Zazzo E, Pisanti S *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35534315>
 126. **Readability of COVID-19 vaccine information for the general public.** Vaccine 2022; 40:3466-3469Bothun LS, Feeder SE, Poland GA.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35534313>
 127. **Characteristics associated with the willingness to receive a COVID-19 vaccine and an exploration of the general public's perceptions: A mixed-methods approach.** Vaccine 2022; 40:3461-3465Gasteiger N, Gasteiger C, Vedhara K, Broadbent E. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35562194>

128. **Overcoming COVID-19 vaccine hesitancy among ethnic minorities: A systematic review of UK studies.** *Vaccine* 2022; 40:3413-3432 Hussain B, Latif A, Timmons S *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35534309>
129. **Catch-up vaccination campaign in children between 6 and 8 years old during COVID-19 pandemic: The experience in a COVID hub in Milan, Italy.** *Vaccine* 2022; 40:3664-3669 Mancarella M, Natarelli F, Bertolini C *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35570078>
130. **Covid-19 vaccine immunogenicity in people living with HIV-1.** *Vaccine* 2022; 40:3633-3637 Nault L, Marchitto L, Goyette G *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35568588>
131. **Receptor-binding domain recombinant protein on alum-CpG induces broad protection against SARS-CoV-2 variants of concern.** *Vaccine* 2022; 40:3655-3663 Pollet J, Strych U, Chen WH *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35568591>
132. **Impact of national Covid-19 vaccination Campaign, South Korea.** *Vaccine* 2022; 40:3670-3675 Yi S, Choe YJ, Lim DS *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35570077>
133. **Pre-existing T cell immunity determines the frequency and magnitude of cellular immune response to two doses of mRNA vaccine against SARS-CoV-2.** *Vaccine X* 2022; 11:100165 Casado JL, Vizcarra P, Haemmerle J *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35529539>
134. **Immunosuppressed people's beliefs, expectations, and experiences with COVID-19 vaccinations: Results of a longitudinal study.** *Z. Rheumatol.* 2022; Müller F, Heinemann S, Hummers E *et al.*

Women – pregnancy (44 articles)

1. **Preterm birth rates were slightly lower in Denmark during the first year of the COVID-19 pandemic compared with the previous 4 years.** *Acta Paediatr* 2022; Mølholm Hansen B, Cueto H, Padkaer Petersen J *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35535429>
2. **COVID-19 vaccination in pregnancy.** *Am J Obstet Gynecol* 2022; Kalafat E, Heath P, Prasad S *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35568189>
3. **COVID-19 during pregnancy and its impact on the developing auditory system.** *Am. J. Otolaryngol.* 2022; 43:103484 Veeranna SA, Youngblood PL, Bradshaw L, Marx CG. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35533437>
4. **Effects of the SARS-CoV-2 pandemic on perinatal activity in Yorkshire and the Humber region during 2020: an interrupted time series analysis.** *Arch. Dis. Child. Fetal Neonatal Ed.* 2022; Morgan AS, Bradford C, Farrow H *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35545419>
5. **Multi-site observational maternal and infant COVID-19 vaccine study (MOMI-vax): a study protocol.** *BMC Pregnancy Childbirth* 2022; 22:402 Munoz FM, Beigi RH, Posavad CM *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35550037>
6. **Impact of COVID-19 on maternal health and child care behavior: Evidence from a quasi-experimental study of vulnerable communities in Boa Vista, Brazil.** *Child Abuse Negl.* 2022; 129:105667 Loss G, Fink G, Bessa L, Brentani A. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35567957>
7. **SARS-CoV-2 infection versus vaccination in pregnancy: Implications for maternal and infant immunity.** *Clin Infect Dis* 2022; Conti MG, Terreri S, Terrin G

et al. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35535796>

8. **Reproductive Health and Coronavirus Disease 2019-Induced Economic Contracture: Lessons From the Great Recession.** *Clin. Ther.* 2022; 44:914-921 Louis L, Frankel A, Ayub A *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35570055>
9. **Indirect effects of COVID-19 pandemic on reproductive, maternal, newborn and child health services in Pakistan.** *East Mediterr Health J* 2022; 28:258-265 Emmanuel F, Ahmad A, Reza T *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35545906>
10. **Impact of the COVID-19 pandemic on perception of planned oocyte cryopreservation in the United States.** *F S Rep* 2022; Huttler A, Koelper N, Mainigi M *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35529036>
11. **Economic burden of out-of-pocket expenditure, productivity cost during pregnancy and COVID-19 impact on household economy in a cohort of pregnant women in Anuradhapura District, Sri Lanka; A study protocol.** *F1000Res* 2021; 10:700 Gunarathne SP, Wickramasinghe ND, Agampodi TC *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35528955>
12. **Nationwide Initiation of Cardiovascular Risk Treatments During the COVID-19 Pandemic in France: Women on a Slippery Slope?** *Front Cardiovasc Med* 2022; 9:856689 Gabet A, Grave C, Tuppin P *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35548431>
13. **Updating Clinical Practices to Promote and Protect Human Milk and Breastfeeding in a COVID-19 Era.** *Front Pediatr* 2022; 10:867540 van Goudoever JB, Spatz DL, Hoban R *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35558372>
14. **Antibody Response and Maternofetal Antibody Transfer in SARS-CoV-2-Positive Pregnant Women: A Multicenter Observational Study.** *Geburtshilfe Frauenheilkd.* 2022; 82:501-509 Enengl S, Pecks U, Oppelt P *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35528188>
15. **COVID-19 - compliant - IVF: reorganized clinical practice taking into account the pandemic.** *Gynecol. Endocrinol.* 2022; 38:474-477 Greco E, Donno V, Greco P *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35548947>
16. **Women mental health status and behaviour change during the COVID-19 in Sudan.** *Heliyon* 2022; 8:e09358 Eltayeb S, Badri A. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35529700>
17. **A review of the disruption of breastfeeding supports in response to the COVID-19 pandemic in five Western countries and applications for clinical practice.** *Int Breastfeed J* 2022; 17:38 Turner S, McGann B, Brockway M. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35570307>
18. **Refugee Women's Receptiveness for Virtual Engagement on Reproductive Health During the COVID-19 Pandemic.** *Int. J. Behav. Med.* 2022:1-10 Thiel de Bocanegra H, Goliaei Z, Khan N *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35554855>
19. **Antenatal Classes in the Context of Prenatal Anxiety and Depression during the COVID-19 Pandemic.** *Int J Environ Res Public Health* 2022; 19:Ciochoń A, Apanasewicz A, Danel DP *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564465>
20. **Personal Care and Household Cleaning Product Use among Pregnant Women and New Mothers during the COVID-19 Pandemic.** *Int J Environ Res Public*

- Health 2022; 19Deierlein AL, Grayon AR, Zhu X *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35565038>
21. **Self-Reported Medication Use among Pregnant and Postpartum Women during the Third Wave of the COVID-19 Pandemic: A European Multinational Cross-Sectional Study.** Int J Environ Res Public Health 2022; 19Gerbier E, Favre G, Tauqeer F *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564733>
 22. **The Health Impacts and Life Challenges Caused by the COVID-19 Pandemic on Hong Kong Chinese Women.** Int J Environ Res Public Health 2022; 19Hung MSY, Chan LCK, Liu SPS. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564509>
 23. **Perinatal Depression in Australian Women during the COVID-19 Pandemic: The Birth in the Time of COVID-19 (BITTOC) Study.** Int J Environ Res Public Health 2022; 19Lequertier B, McLean MA, Kildea S *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35564456>
 24. **Mother's Loneliness: Involuntary Separation of Pregnant Women in Maternity Care Settings and Its Effects on the Experience of Mothers during the COVID-19 Pandemic.** Int J Environ Res Public Health 2022; 19Malarkiewicz P, Maksymowicz S, Libura M. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564476>
 25. **Metabolic, Oxidative and Psychological Stress as Mediators of the Effect of COVID-19 on Male Infertility: A Literature Review.** Int J Environ Res Public Health 2022; 19Mintziori G, Duntas LH, Veneti S, Goulis DG.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35564672>
 26. **Obstetric-Neonatal Care during Birth and Postpartum in Symptomatic and Asymptomatic Women Infected with SARS-CoV-2: A Retrospective Multicenter Study.** Int J Environ Res Public Health 2022; 19Vila-Candel R, González-Chordá VM, Soriano-Vidal FJ *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35564880>
 27. **Gender and COVID-19 related fear and anxiety: A meta-analysis.** J. Affect. Disord. 2022; 310:384-395Metin A, Erbiçer ES, Şen S, Çetinkaya A.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35561885>
 28. **Association between Severe SARS-CoV-2 Infection and Severe Acute Pancreatitis in Pregnancy and Postpartum.** J Clin Med 2022; 11Mocan M, Szabo R, Constantinescu C *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35566679>
 29. **Impact of SARS-CoV-2 Alpha and Gamma Variants among Symptomatic Pregnant Women: A Two-Center Retrospective Cohort Study between France and Brazil.** J Clin Med 2022; 11Mosnino E, Bernardes LS, Mattern J *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35566787>
 30. **Obstetric and Neonatal Outcomes following COVID-19 Vaccination in Pregnancy.** J Clin Med 2022; 11Peretz-Machluf R, Hirsh-Yechezkel G, Zaslavsky-Paltiel I *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35566665>
 31. **Further divided gender gaps in research productivity and collaboration during the COVID-19 pandemic: Evidence from coronavirus-related literature.** J Informetr 2022; 16:101295Liu M, Zhang N, Hu X *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35529705>
 32. **Outcomes of Late-Preterm and Term Infants Born to SARS-CoV-2-Positive Mothers.** J Korean Med Sci 2022; 37:e147Choi YY, Joo S.
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35535374>
 33. **Hormone Therapy in the Era of the COVID-19 Pandemic: A Review.** J Menopausal Med 2022; 28:1-8Choi SW, Kim J, Lee JH *et al.*
<http://www.ncbi.nlm.nih.gov/pubmed/?term=35534425>

34. **Comparison of Climacteric Symptoms, Quality of Life, and Self-Care Attitudes before and during the COVID-19 Pandemic.** J Menopausal Med 2022; 28:17-24 Serra CO, Leite PMG, Bezerra AB *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35534427>
35. **Poorer Obstetrics Outcomes During the Second Wave of COVID-19 in India.** J. Obstet. Gynaecol. India 2022;1-7 Mohini, Priyadarshini S, Rath SK *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35528222>
36. **The vaccination status and adverse effects of COVID-19 vaccine among pregnant women in Japan in 2021.** J. Obstet. Gynaecol. Res. 2022; Komine-Aizawa S, Haruyama Y, Deguchi M *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35537777>
37. **Impact of the COVID-19 Pandemic on Patient Fertility Care.** J Patient Exp 2022; 9:23743735221098255KN DS, Orellana M, Ainsworth AJ *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35548663>
38. **Maternal mortality linked to COVID-19 in Latin America: Results from a multi-country collaborative database of 447 deaths.** Lancet Reg Health Am 2022; 12:100269Maza-Arnedo F, Paternina-Caicedo A, Sosa CG *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35539820>
39. **Literature Review of Mothers Diagnosed With COVID-19 and the Impact on Breastfeeding Their Newborns.** Nurs. Womens Health 2022; 26:234-241 Warner SA, Arevalo JL. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35551888>
40. **Preeclampsia among women with COVID-19 during pregnancy and its impact on maternal and perinatal outcomes: Results from a national multicenter study on COVID in Brazil, the REBRACO initiative.** Pregnancy Hypertens. 2022; 28:168-173 Guida JP, Cecatti JG, Souza RT *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35568019>
41. **The effect of COVID-19 vaccine on ovarian reserve.** Saudi Med. J. 2022; 43:486-490 Soysal Ç, Yılmaz E. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35537728>
42. **Outpatient maternity care and telemedicine use perceptions in the COVID-19 pandemic: a 2020 CERA survey.** Women Health 2022; 62:402-411 Foster KE, Casola AR, Uzumcu Z *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35531759>
43. **Quality of life and emotional well-being during COVID-19 as mediators in the relationship between sexual functioning and satisfaction in Portuguese women.** Women Health 2022; 62:358-368 Peixoto MM, Lopes J. <http://www.ncbi.nlm.nih.gov/pubmed/?term=35549818>
44. **Emotional Experiences of Pregnant and Postpartum People with Confirmed or Suspected COVID-19 Infection During the Initial Surge of the Pandemic.** Womens Health Rep (New Rochelle) 2022; 3:405-413 Spach NC, Jaffe EF, Sullivan KA *et al.* <http://www.ncbi.nlm.nih.gov/pubmed/?term=35559356>

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