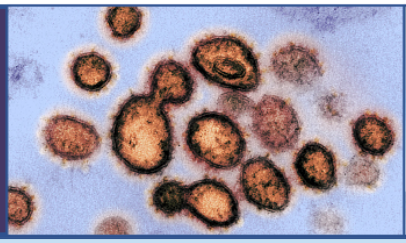
Covid-19
Literature Update



A CURATED SELECTION AND OVERVIEW OF COVID-19 PUBLICATIONS

Update July 20 - July 26, 2020, **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 30 2020
829 Publications

PubMed based Covid-19 weekly literature update

For those interested in receiving weekly updates
click here

For questions and requests for topics to add send an e-mail
lansberg@gmail.com

Reliable on-line resources for Covid 19

WHO
Daily dashbord
Country Guidance
Travel restriction
Covid Counter
Covid forcasts
CDC
AHA
ESC
EMEA
Evidence EPPI
Wikipedia
Cardionerds - **COVID-19**
Genomic epidemiology
Oxygenation Ventilation toolkit

Cochrane
BMJ
The Lancet
New England Journal of Medicine
JAMA
Cell
Science
Oxford Universtiy Press
Cambridge Univeristy Press
Springer Nature
Elsevier
Wiley
PLOS
LitCovid NIH-NLM
SSRN (Pre-prints)

German (ICU) bed capacity

COVID reference (Steinhauser Verlag)

COVID-19 Projections tracker

AAN - Neurology resources

COVID-19 resources (Harvard)

COVID-19 resources (McMasters)

COVID-19 resources (NHLBI)

COVID-19 resources (MEDSCAPE)

COVID-19 Diabetes (JDRF)

COVID-19 TELEMEDICINE (BMJ)

Global Causes of death (Johns Hopkins)

COVID-19 calculators (Medscap)

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

Mainstream Media

New York Times - Corona update

New Treatment for Covid-19 Shows Promise, but Scientists Urge Caution
Pfizer Gets $1.95 Billion to Produce Coronavirus Vaccine by Year's End
Your Coronavirus Antibodies Are Disappearing. Should You Care?
The Doctor Behind the Disputed Covid Data
How to Test More People for Coronavirus Without Actually Needing More Tests
To Get People to Wear Masks, Look to Seatbelts, Helmets and Condoms

Washington Post - Corona update

Banks face a unique coronavirus problem: Now everyone is wearing a mask
As the pandemic surges, there are three scenarios of what happens next
Google employees will work from home until at least summer 2021
Coronavirus vaccine researchers: Making sure black and Hispanic communities are included in studies
North Korea locks down border city as first possible coronavirus case is announced
Houston, Miami, other cities face mounting health care worker shortages as infections climb

Guardian - Corona update

Will Covid-19 mutate into a more dangerous virus?
Coronavirus is the greatest global science policy failure in a generation
Fauci says Covid-19 vaccine is possible by October but more likely for November
Belgium PM warns country could go into second 'complete lockdown'
China is rewriting the facts about Covid-19 to suit its own narrative

Vit D deficiency more common among COVID-19 patients admitted to ICU (Healio)
Hydroxychloroquine not effective for mild to moderate COVID-19 (Healio)
Inhaled interferon beta shows promise for severe COVID-19 Healio)
Researchers report 'extremely encouraging' COVID-19 vaccine data (Healio)
Fauci: 'The Virus Is a Formidable Foe' (Medscape)
Asymptomatic Infections, Antibodies in CSF (Medscape)

Key Articles

1. **Handyfuge-LAMP: low-cost and electricity-free centrifugation for isothermal SARS-CoV-2 detection in saliva., June 2020.** medRxiv 2020; Ethan Li, Adam Larson, Anesta Kothari, Manu Prakash***.*** https://www.medrxiv.org/content/10.1101/2020.06.30.20143255v1

2. **comparative study of the laboratory features of COVID-19 and other viral pneumonias in the recovery stage.** J. Clin. Lab. Anal. 2020:e23483Zhao G, Su Y, Sun X ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32696465

3. **Use of distinct anti-hypertensive drugs and risk for COVID-19 among hypertensive people: a population-based cohort study in Southern Catalonia, Spain.** J. Clin. Hypertens. (Greenwich) 2020; Vila-Corcoles A, Satue-Gracia E, Ochoa-Gondar O ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?

term=32710674

4. **Thromboprophylaxis: balancing evidence and experience during the COVID-19 pandemic.** J. Thromb. Thrombolysis 2020; Marchandot B, Trimaille A, Curtiaud A ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32696172

5. **Pathogenesis and Management of Myocardial Injury in Coronavirus Disease 2019.** Eur J Heart Fail 2020; Wei ZY, Qian HY, Huang J, Geng YJ. http://www.ncbi.nlm.nih.gov/pubmed/?term=32683753

6. **Pros and cons for use of statins in people with coronavirus disease-19 (COVID-19).** Diabetes Metab Syndr 2020; 14:1225-1229Subir R, Jagat JM, Kalyan KG. http://www.ncbi.nlm.nih.gov/pubmed/?term=32683320

7. **Worldwide maternal deaths due to COVID-19: A brief review.** Int J Gynaecol Obstet 2020; Nakamura-Pereira M, Andreucci CB, de Oliveira Menezes M ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32706925

8. **Lipoprotein(a) and Its Potential Association with Thrombosis and Inflammation in COVID-19: a Testable Hypothesis.** Curr Atheroscler Rep 2020; 22:48Moriarty PM, Gorby LK, Stroes ES ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32710255

9. **The angiotensin-converting enzyme 2 (ACE2) receptor in the prevention and treatment of COVID-19 are distinctly different paradigms.** Clin Hypertens 2020; 26:14McLachlan CS. http://www.ncbi.nlm.nih.gov/pubmed/?term=32685191

10. **COVID-19: Current prediction models unsuitable for practical use.** Deutsche Medizinische Wochenschrift 2020; 145:806-807Lichert F.

11. **Thrombosis and coagulopathy in COVID-19: An illustrated review.** Res Pract Thromb Haemost 2020; 4:744-751Levi M, Hunt BJ. http://www.ncbi.nlm.nih.gov/pubmed/?term=32685883

12. **Chloroquine and Hydroxychloroquine in Coronavirus Disease 2019 (COVID-19). Facts, Fiction & the Hype. A Critical Appraisal.** Int J Antimicrob Agents 2020:106101Khuroo MS, Sofi AA, Khuroo M. http://www.ncbi.nlm.nih.gov/pubmed/?term=32687949

13. **COVID-19 and the kidney: what we think we know so far and what we don't.** J Nephrol 2020; Farouk SS, Fiaccadori E, Cravedi P, Campbell KN. http://www.ncbi.nlm.nih.gov/pubmed/?term=32691342

14. **Clinical efficacy of convalescent plasma for treatment of COVID-19 infections: Results of a multicenter clinical study.** Transfus. Apher. Sci. 2020:102875Abolghasemi H, Eshghi P, Cheraghali AM ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32694043

15. **Mortality reduction in 46 severe Covid-19 patients treated with hyperimmune plasma. A proof of concept single arm multicenter trial.** Haematologica 2020; Perotti C, Baldanti F, Bruno R ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32703797

Basic Science (27 articles)

1. **Clinical Molecular Genetics Evaluation in Women with Reproductive Failures.** Am. J. Reprod. Immunol. 2020:e13313Bilal MY, Katara G, Dambaeva S ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32710571
2. **COVID-19: Current and future crisis planning in breast imaging.** Breast J 2020; Gerlach K, Phalak K, Patel M, Leung JWT. http://www.ncbi.nlm.nih.gov/pubmed/?term=32683734
3. **Fetal deaths in pregnancies with SARS-CoV-2 infection in Brazil: A case series.** Case Rep Womens Health 2020; 27:e00243Richtmann R, Torloni MR, Oyamada Otani AR ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32704477
4. **Berlin, April 22, 2020 - Don't be afraid of hospital treatment or hospital births in times of COVID-19.** Geburtshilfe Frauenheilkd. 2020; 80:579-580Scharl A, Albring C.
5. **Pregnancy, birth, and puerperium with SARS-CoV-2 and COVID-19.** Gynakologe 2020; Hagenbeck C, Pecks U, Fehm T ***et al.***
6. **Contraceptive Mandate, ACA Final Rules, And COVID-19.** Health Aff (Millwood) 2020:101377hlthaff202001265Keith K. http://www.ncbi.nlm.nih.gov/pubmed/?term=32687416
7. **Third Trimester Placentas of SARS-CoV-2-Positive Women: Histomorphology, including Viral Immunohistochemistry and in Situ Hybridization.** Histopathology 2020; Smithgall MC, Liu-Jarin X, Hamele-Bena D ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32692408
8. **Providing women's health care during COVID-19: Personal and professional challenges faced by health workers.** Int J Gynaecol Obstet 2020; Green L, Fateen D, Gupta D ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32692854
9. **COVID-19 and obstetric practice: A critical review of the Nigerian situation.** Int J Gynaecol Obstet 2020; Ijarotimi OA, Ubom AE, Olofinbiyi BA ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32698245
10. **Worldwide maternal deaths due to COVID-19: A brief review.** Int J Gynaecol Obstet 2020; Nakamura-Pereira M, Andreucci CB, de Oliveira Menezes M ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32706925
11. **SARS-CoV-2 in pregnancy: characteristics and outcomes of hospitalized and non-hospitalized women due to COVID-19.** J Matern Fetal Neonatal Med 2020:1-7Barbero P, Mugüerza L, Herraiz I ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32689846
12. **Vertical transmission of SARS CoV-2: a systematic review.** J Matern Fetal Neonatal Med 2020:1-8Deniz M, Tezer H. http://www.ncbi.nlm.nih.gov/pubmed/?term=32693656
13. **Perinatal management of SARS-CoV-2 infection in a level III University Hospital.** J Matern Fetal Neonatal Med 2020:1-4Pissarra S, Rosário M, Moucho M, Soares H. http://www.ncbi.nlm.nih.gov/pubmed/?term=32698646
14. **Outcomes of universal SARS-CoV-2 testing program in pregnant women admitted to hospital and the adjuvant role of lung ultrasound in screening: A prospective cohort study.** J Matern Fetal Neonatal Med 2020:1-22Yassa M, Yirmibes C, Cavusoglu G ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32691641
15. **COVID-19 and pregnancy: an opportunity to correct an historic gender bias.** J Med Virol 2020; Comas C, Carreras E. http://www.ncbi.nlm.nih.gov/pubmed/?term=32706391
16. **Feasibility and safety of urgently initiated maternal telemedicine in response to the spread of COVID-19: A 1-month report.** J. Obstet. Gynaecol. Res. 2020; Nakagawa K, Umazume T, Mayama M ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32691488
17. **Academic clinical learning environment in obstetrics and gynecology during the COVID-19 pandemic: responses and lessons learned.** J. Perinat. Med. 2020; Olson HL, Towner D, Hiraoka M ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32692706
18. **Coronavirus Disease 2019 (COVID-19): A Systematic Review of Pregnancy and the Possibility of Vertical Transmission.** J Reprod Infertil 2020; 21:157-168Ashraf MA, Keshavarz P, Hosseinpour P ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32685412
19. **Syndemic Perspectives to Guide Black Maternal Health Research and Prevention During the COVID-19 Pandemic.** Matern Child Health J 2020; Lemke MK, Brown KK. http://www.ncbi.nlm.nih.gov/pubmed/?term=32696248
20. **Statewide Implementation of Virtual Perinatal Home Visiting During COVID-19.** Matern Child Health J 2020; Marshall J, Kihlström L, Buro A ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32691359
21. **[Scoping review of coronavirus case series (SARS-CoV, MERS-CoV and SARS-CoV-2) and their obstetric and neonatal results].** Rev. Esp. Quimioter. 2020; Rodriguez-Blanco N, Vegara-Lopez I, Aleo-Giner L, Tuells J. http://www.ncbi.nlm.nih.gov/pubmed/?term=32683837
22. **[Scoping review of coronavirus case series (SARS-CoV, MERS-CoV and SARS-CoV-2) and their obstetric and neonatal results].** Rev. Esp. Quimioter. 2020; Rodríguez-Blanco N, Vegara-Lopez I, Aleo-Giner L, Tuells J. http://www.ncbi.nlm.nih.gov/pubmed/?term=32683837
23. **Interferon: the invisible link between COVID-19 and BCGitis female protection?** Scand. J. Immunol. 2020:e12939Di Bella S, Cabas P, Antonello RM, Rizzo M. http://www.ncbi.nlm.nih.gov/pubmed/?term=32697854

24. **Maternal and perinatal outcomes and pharmacological management of Covid-19 infection in pregnancy: a systematic review protocol.** Syst Rev 2020; 9:161Thomas B, Pallivalapila A, El Kassem W ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32682444
25. **The Turkish Neonatal Society proposal for the management of COVID-19 in the neonatal intensive care unit.** Turk Pediatri Ars 2020; 55:86-92Erdeve O, Cetinkaya M, Bas AY ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32684752
26. **The Turkish Neonatal Society proposal for the management of COVID-19 in the neonatal intensive care unit.** Turk Pediatri Ars 2020; 55:86-92Erdeve Ö, Çetinkaya M, Baş AY ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32684752
27. **Pregnant women voice their concerns and birth expectations during the COVID-19 pandemic in Italy.** Women Birth 2020; Ravaldi C, Wilson A, Ricca V ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32684343

Biomarkers - Genetics (83 articles)

1. **ACE2 imbalance as a key player for the poor outcomes in COVID-19 patients with age-related comorbidities - Role of gut microbiota dysbiosis.** Ageing Res Rev 2020:101123Viana SD, Nunes S, Reis F. http://www.ncbi.nlm.nih.gov/pubmed/?term=32683039
2. **Distribution of SARS-CoV-2 PCR Cycle Threshold Values Provide Practical Insight Into Overall and Target-Specific Sensitivity Among Symptomatic Patients.** Am J Clin Pathol 2020; Buchan BW, Hoff JS, Gmehlin CG ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32687186
3. **Clinical Characteristics and Predictors of Disease Progression in Severe Patients with COVID-19 Infection in Jiangsu Province, China: A Descriptive Study.** Am. J. Med. Sci. 2020; 360:120-128Huang M, Yang Y, Shang F ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32709280
4. **Clinical Molecular Genetics Evaluation in Women with Reproductive Failures.** Am. J. Reprod. Immunol. 2020:e13313Bilal MY, Katara G, Dambaeva S ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32710571
5. **Genetic Polymorphisms Complicate COVID-19 Therapy: Pivotal Role of HO-1 in Cytokine Storm.** Antioxidants (Basel) 2020; 9Fakhouri EW, Peterson SJ, Kothari J ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32708430
6. **De Ritis ratio and biochemical parameters in COVID-19 patients.** Arch. Physiol. Biochem. 2020:1-5Yazar H, Kayacan Y, Ozdin M. http://www.ncbi.nlm.nih.gov/pubmed/?term=32683882
7. **CRISPR/Cas as a Potential Diagnosis Technique for COVID-19.** Avicenna J Med Biotechnol 2020; 12:201-202Dara M, Talebzadeh M. http://www.ncbi.nlm.nih.gov/pubmed/?term=32695284
8. **Evaluation of a novel blood microsampling device for clinical trial sample collection and protein biomarker analysis.** Bioanalysis 2020; Xing J, Loureiro J, Patel MT ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32686955
9. **Genetic variants that influence SARS-CoV-2 receptor TMPRSS2 expression among population cohorts from multiple continents.** Biochem. Biophys. Res. Commun. 2020; 529:263-269Irham LM, Chou WH, Calkins MJ ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32703421
10. **Loop-Mediated Isothermal Amplification (LAMP): A Rapid, Sensitive, Specific, and Cost-Effective Point-of-Care Test for Coronaviruses in the Context of COVID-19 Pandemic.** Biology (Basel) 2020; 9Augustine R, Hasan A, Das S ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32707972
11. **The role of hematological parameters in COVID-19 patients in the emergency room.** Biomark. Med. 2020; Usul E, Şan İ, Bekgöz B, Şahin A. http://www.ncbi.nlm.nih.gov/pubmed/?term=32692248
12. **Assessment of serum ferritin as a biomarker in COVID-19: bystander or participant? Insights by comparison with other infectious and non-infectious diseases.** Biomarkers 2020:1-36Kappert K, Jahić A, Tauber R. http://www.ncbi.nlm.nih.gov/pubmed/?term=32700561
13. **Multiplex reverse transcription loop-mediated isothermal amplification combined with nanoparticle-based lateral flow biosensor for the diagnosis of COVID-19.** Biosens. Bioelectron. 2020; 166:112437Zhu X, Wang X, Han L ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32692666
14. **Scent dog identification of samples from COVID-19 patients - a pilot study.** BMC Infect. Dis. 2020; 20:536Jendrny P, Schulz C, Twele F ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32703188
15. **Clinico-Biological Features and Clonal Hematopoiesis in Patients with Severe COVID-19.** Cancers (Basel) 2020; 12Duployez N, Demonchy J, Berthon C ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32708264
16. **Defining the CD39/CD73 Axis in SARS-CoV-2 Infection: The CD73(-) Phenotype Identifies Polyfunctional Cytotoxic Lymphocytes.** Cells 2020; 9Ahmadi P, Hartjen P, Kohsar M ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32707842
17. **Hypoalbuminemia and elevated D-dimer in COVID-19 patients: a call for result harmonization.** Clin Chem Lab Med 2020; Aloisio E, Serafini L, Chibireva M ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32692697
18. **Post-pandemic testing of SARS-CoV-2 in Huanan Seafood Market area in Wuhan, China.** Clin Infect Dis 2020; Li J, Wu C, Zhang X ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32710746
19. **Kidney disease and electrolytes in COVID-19: more than meets the eye.** Clin Kidney J 2020; 13:274-280Carriazo S, Kanbay M, Ortiz A. http://www.ncbi.nlm.nih.gov/pubmed/?term=32699613
20. **Alteration of serum markers in COVID-19 and implications on mortality.** Clin Transl Med 2020:e119Liu D, Li R, Yu R ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32696591
21. **Lactate dehydrogenase elevations is associated with severity of COVID-19: a meta-analysis.** Crit Care 2020; 24:459Chen XY, Huang MY, Xiao ZW ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32709251
22. **Plasma levels of soluble ACE2are associated with sex, Metabolic Syndrome, and its biomarkers in a large cohort, pointing to a possible mechanism for increased severity in COVID-19.** Crit Care 2020; 24:452Kornilov SA, Lucas I, Jade K ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32698840
23. **Haematological and immunological data of Chinese children infected with coronavirus disease 2019.** Data Brief 2020; 31:105953Xiong X, Chua GT, Chi S ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32685628
24. **Characteristics of laboratory findings of COVID-19 patients with comorbid diabetes mellitus.** Diabetes Res Clin Pract 2020:108351Jing Liang J, Liu J, Chen Y ***et al.***

http://www.ncbi.nlm.nih.gov/pubmed/?term=32711001
25. **Lymphocyte subsets with the lowest decline at baselineand the slow lowest rise during recovery in COVID-19 critical illnesspatients with diabetes mellitus.** Diabetes Res Clin Pract 2020:108341Liu D, Lan L, Luo D ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32707212
26. **Analysis of the lymphocyte count in type 2 diabetic patients with coronavirus disease (COVID-19): A retrospective study in a centralized treatment center.** Diabetes Res Clin Pract 2020:108340Wu D, Gao S. http://www.ncbi.nlm.nih.gov/pubmed/?term=32707213
27. **The importance of cycle threshold values in interpreting molecular tests for SARS-CoV-2.** Diagn. Microbiol. Infect. Dis. 2020; 98:115130Drew RJ, O'Donnell S, LeBlanc D ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32711184
28. **Spatial and temporal dynamics of SARS-CoV-2 in COVID-19 patients: A systematic review and meta-analysis.** EBioMedicine 2020; 58:102916Weiss A, Jellingsø M, Sommer MOA. http://www.ncbi.nlm.nih.gov/pubmed/?term=32711256
29. **Diagnostic groups and short-term outcomes in suspected COVID-19 cases treated in an emergency department.** Emergencias 2020; 32:242-252Martín-Sánchez FJ, González Del Castillo J, Valls Carbó A ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32692001
30. **Coronaviruses in wastewater processes: Source, fate and potential risks.** Environ Int 2020; 143:105962Amoah ID, Kumari S, Bux F. http://www.ncbi.nlm.nih.gov/pubmed/?term=32711332
31. **SARS-CoV-2 IgG seroprevalence in blood donors located in three different federal states, Germany, March to June 2020.** Euro Surveill 2020; 25Fischer B, Knabbe C, Vollmer T. http://www.ncbi.nlm.nih.gov/pubmed/?term=32700672
32. **SARS-CoV-2 induced thrombocytopenia as an important biomarker significantly correlated with abnormal coagulation function, increased intravascular blood clot risk and mortality in COVID-19 patients.** Exp Hematol Oncol 2020; 9:16Bao C, Tao X, Cui W ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32695551
33. **Immune Parameters and COVID-19 Infection - Associations With Clinical Severity and Disease Prognosis.** Front Cell Infect Microbiol 2020; 10:364Jesenak M, Brndiarova M, Urbancikova I ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32695683
34. **Regulatory Cross Talk Between SARS-CoV-2 Receptor Binding and Replication Machinery in the Human Host.** Front. Physiol. 2020; 11:802Ahmed S, Paramasivam P, Raj K ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32695025
35. **COVID-19, ACEI/ARBs and gastrointestinal symptoms: the jury is still out on the association.** Gastroenterology 2020; Parigi TL, Vespa E, Pugliese N. http://www.ncbi.nlm.nih.gov/pubmed/?term=32682762
36. **More reliability of suspicious symptoms plus chest CT-scan than RT_PCR test for the diagnosis of COVID-19 in an 18-days-old neonate.** IDCases 2020; 21:e00905Mahdavi S, Kheirieh A, Daliri S ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32685374
37. **Saliva as a diagnostic specimen for detection of SARS-CoV-2 in suspected patients: a scoping review.** Infect Dis Poverty 2020; 9:100Fakheran O, Dehghannejad M, Khademi A. http://www.ncbi.nlm.nih.gov/pubmed/?term=32698862
38. **Covid-19: The Rollercoaster of Fibrin(Ogen), D-Dimer, Von Willebrand Factor, P-Selectin and Their Interactions with Endothelial Cells, Platelets and Erythrocytes.** Int J Mol Sci 2020; 21Grobler C, Maphumulo SC, Grobbelaar LM ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32708334
39. **Point-of-Use Rapid Detection of SARS-CoV-2: Nanotechnology-Enabled Solutions for the COVID-19 Pandemic.** Int J Mol Sci 2020; 21Rabiee N, Bagherzadeh M, Ghasemi A ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32698479
40. **Role of neutrophil-lymphocyte-ratio in the mortality of males diagnosed with COVID-19.** Iran J Microbiol 2020; 12:194-197Belice T, Demir I, Yuksel A. http://www.ncbi.nlm.nih.gov/pubmed/?term=32685114
41. **Role of neutrophil-lymphocyte-ratio in the mortality of males diagnosed with COVID-19.** Iran J Microbiol 2020; 12:194-197Belice T, Demir I, Yüksel A. http://www.ncbi.nlm.nih.gov/pubmed/?term=32685114
42. **Tests with proven value in diagnosis of COVID-19.** Iran J Microbiol 2020; 12:261-262Khan ZH, Samadi S, Makarem J, Mireskandari SM. http://www.ncbi.nlm.nih.gov/pubmed/?term=32685124
43. **Comparison five primer sets from different genome region of COVID-19 for detection of virus infection by conventional RT-PCR.** Iran J Microbiol 2020; 12:185-193Mollaei HR, Afshar AA, Kalantar-Neyestanaki D ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32685113
44. **Interleukin-6-based mortality risk model for hospitalised COVID-19 patients.** J Allergy Clin Immunol 2020; Rocio LG, Alberto UR, Paloma T ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32710975
45. **Clock genes may drive seasonal variation in SARS-CoV-2 infectivity: are we due for a second wave of COVID-19 in the fall?** J Biol Regul Homeost Agents 2020; 34Goren A, Wambier CG, McCoy J ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32700513
46. **Identification of a potential SARS-CoV2 inhibitor via molecular dynamics simulations and amino acid decomposition analysis.** J Biomol Struct Dyn 2020:1-16Razzaghi-Asl N, Ebadi A, Shahabipour S, Gholamin D. http://www.ncbi.nlm.nih.gov/pubmed/?term=32705953
47. **Distinct clinical and immunological features of SARS-COV-2-induced multisystem inflammatory syndrome in children.** J. Clin. Invest. 2020; Lee PY, Day-Lewis M, Henderson LA ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32701511
48. **A comparative study of the laboratory features of COVID-19 and other viral pneumonias in the recovery stage.** J. Clin. Lab. Anal. 2020:e23483Zhao G, Su Y, Sun X ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32696465
49. **The Plasmatic Aldosterone and C-Reactive Protein Levels, and the Severity of Covid-19: The Dyhor-19 Study.** J Clin Med 2020; 9Villard O, Morquin D, Molinari N ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32708205
50. **My Experience with SARS-CoV-2, with a Focus on Testing.** J. Clin. Microbiol. 2020; 58Cotter PA. http://www.ncbi.nlm.nih.gov/pubmed/?term=32703893
51. **Special Issue on Diagnostic Testing for Severe Acute Respiratory Syndrome Coronavirus 2 and Lessons from This Pandemic.** J. Clin. Microbiol. 2020; 58McAdam AJ. http://www.ncbi.nlm.nih.gov/pubmed/?term=32703896

52. **Closing the Brief Case: "Not Positive" or "Not Sure"-COVID-19-Negative Results in a Symptomatic Patient.** J. Clin. Microbiol. 2020; 58Parikh BA, Bailey TC, Lyons PG, Anderson NW. http://www.ncbi.nlm.nih.gov/pubmed/?term=32703892
53. **The Brief Case: "Not Positive" or "Not Sure"-COVID-19-Negative Results in a Symptomatic Patient.** J. Clin. Microbiol. 2020; 58Parikh BA, Bailey TC, Lyons PG, Anderson NW. http://www.ncbi.nlm.nih.gov/pubmed/?term=32703891
54. **Improving the early diagnosis of suspected patients with COVID-19: a retrospective study of 106 patients.** J Infect Dev Ctries 2020; 14:547-553Gao X, Yang D, Yuan Z ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32683343
55. **Comparing Chinese children and adults with RT-PCR positive COVID-19: A systematic review.** J Infect Public Health 2020; Pei Y, Liu W, Masokano IB ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32682658
56. **Clinical characteristics of coronavirus disease 2019 in patients aged 80 years and older.** J Integr Med 2020; Dang JZ, Zhu GY, Yang YJ, Zheng F. http://www.ncbi.nlm.nih.gov/pubmed/?term=32690444
57. **Outcomes of universal SARS-CoV-2 testing program in pregnant women admitted to hospital and the adjuvant role of lung ultrasound in screening: A prospective cohort study.** J Matern Fetal Neonatal Med 2020:1-22Yassa M, Yirmibes C, Cavusoglu G ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32691641
58. **How COVID-19 Is Testing and Evolving Our Communication Skills.** J Med Imaging Radiat Sci 2020; Julka-Anderson N. http://www.ncbi.nlm.nih.gov/pubmed/?term=32709543
59. **Detection profile of SARS-CoV-2 using RT-PCR in different types of clinical specimens: a systematic review and meta-analysis.** J Med Virol 2020; Bwire GM, Majigo MV, Njiro BJ, Mawazo A. http://www.ncbi.nlm.nih.gov/pubmed/?term=32706393
60. **Analysis of the positive rate of 4254 cases of COVID-19 nucleic acid tests in Different Sites in Wuhan, China.** J Med Virol 2020; Deng K, Li H, Ma X ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32691919
61. **ACE2, TMPRSS2, and Furin variants and SARS-CoV-2 infection in Madrid, Spain.** J Med Virol 2020; Torre-Fuentes L, Matías-Guiu J, Hernández-Lorenzo L ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32691890
62. **SARS-CoV-2 diagnostics in the virology laboratory of a University Hospital in Rome during the lockdown period.** J Med Virol 2020; Turriziani O, Sciandra I, Mazzuti L ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32697357
63. **Qualitative assessment of SARS-CoV-2-specific antibody avidity by lateral flow immunochromatographic IgG/IgM antibody assay.** J Med Virol 2020; Valdivia A, Torres I, Huntley D ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32706420
64. **aThe dynamic changes of serum IgM and IgG against SARS-CoV-2 in patients with COVID-19.** J Med Virol 2020; Zhou W, Xu X, Chang Z ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32706425
65. **Arterial thromboembolism associated with COVID-19 and elevated D-dimer levels.** J Vasc Surg Cases Innov Tech 2020; 6:348-351Garg K, Barfield ME, Pezold ML ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32704579
66. **Cytokine profile in plasma of severe COVID-19 does not differ from ARDS and sepsis.** JCI Insight 2020; Wilson JG, Simpson LJ, Ferreira AM ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32706339
67. **Contribution of monocytes and macrophages to the local tissue inflammation and cytokine storm in COVID-19: Lessons from SARS and MERS, and potential therapeutic interventions.** Life Sci 2020:118102Jafarzadeh A, Chauhan P, Saha B ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32687918
68. **A Patient with Cryoglobulinemic Membranoproliferative GN (MPGN) Who Survived COVID-19 Disease: Case Presentation and Current Data of COVID-19 Infection in Dialysis and Transplanted Patients in Greece.** Medicina (Kaunas) 2020; 56Marinaki S, Tsiakas S, Skalioti C ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32708858
69. **A Novel Multiplex qRT-PCR Assay to Detect SARS-CoV-2 Infection: High Sensitivity and Increased Testing Capacity.** Microorganisms 2020; 8Petrillo S, Carrà G, Bottino P ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32708870
70. **COVID-19 and the Gut Microbiome: More than a Gut Feeling.** mSystems 2020; 5van der Lelie D, Taghavi S. http://www.ncbi.nlm.nih.gov/pubmed/?term=32694127
71. **SARS-CoV-2 Titers in Wastewater Are Higher than Expected from Clinically Confirmed Cases.** mSystems 2020; 5Wu F, Zhang J, Xiao A ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32694130
72. **The Clinical and Radiological Manifestations in Coronavirus Disease 2019 With Negative Nucleic Acid Results.** Open Forum Infect Dis 2020; 7:ofaa252Lang G, Su J, Wu W ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32704513
73. **Willingness to Seek Diagnostic Testing for SARS-CoV-2 With Home, Drive-through, and Clinic-Based Specimen Collection Locations.** Open Forum Infect Dis 2020; 7:ofaa269Siegler AJ, Hall E, Luisi N ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32704517
74. **Identification of novel mutations in RNA-dependent RNA polymerases of SARS-CoV-2 and their implications on its protein structure.** PeerJ 2020; 8:e9492Chand GB, Banerjee A, Azad GK. http://www.ncbi.nlm.nih.gov/pubmed/?term=32685291
75. **Screening testing for SARS-CoV-2 upon admission to rehabilitation hospitals in a high COVID-19 prevalence community.** Pm r 2020; Kirshblum SC, DeLauter G, Lopreiato MC ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32700434
76. **Acute encephalopathy with elevated CSF inflammatory markers as the initial presentation of COVID-19.** Res Sq 2020; Farhadian S, Glick LR, Vogels CBF ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32702723
77. **Epidemiologic, Clinical, and Laboratory Findings of the COVID-19 in the current pandemic.** Res Sq 2020; Xie Y, Wang Z, Liao H ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32702720
78. **[Isolation of SARS-CoV-2 on reproductive tissue, a possible path of transmission.].** Rev. Esp. Salud Publica 2020; 94:e1-e2González-Castro A, Peñasco Y, Escudero-Acha P, Cuenca E. http://www.ncbi.nlm.nih.gov/pubmed/?term=32690859
79. **Emergence of European and North American mutant variants of SARS-CoV-2 in Southeast Asia.** Transbound Emerg Dis 2020; Islam OK, Al-Emran HM, Hasan MS ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32701194

80. **Prolonged viral shedding in a lymphoma patient with COVID-19 infection receiving convalescent plasma.** Transfus. Apher. Sci. 2020:102871Karataş A, İnkaya A, Demiroğlu H ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32694044
81. **Mild Cytokine Elevation, Moderate CD4(+) T Cell Response and Abundant Antibody Production in Children with COVID-19.** Virol Sin 2020; Jia R, Wang X, Liu P ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32699972
82. **Serologic Response to SARS-CoV-2 in COVID-19 Patients with Different Severity.** Virol Sin 2020; Kong WH, Zhao R, Zhou JB ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32705575
83. **Deploying Machine and Deep Learning Models for Efficient Data-Augmented Detection of COVID-19 Infections.** Viruses 2020; 12Sedik A, Iliyasu AM, Abd El-Rahiem B ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32708803

Children (26 articles)

1. **Adolescent driving behavior before and during restrictions related to COVID-19.** Accid. Anal. Prev. 2020; 144:105686Stavrinos D, McManus B, Mrug S ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32683132
2. **American College of Rheumatology Clinical Guidance for Pediatric Patients with Multisystem Inflammatory Syndrome in Children (MIS-C) Associated with SARS-CoV-2 and Hyperinflammation in COVID-19. Version 1.** Arthritis Rheumatol 2020; Henderson LA, Canna SW, Friedman KG ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32705809
3. **American College of Rheumatology Guidance for the Management of Children with Pediatric Rheumatic Disease During the COVID-19 Pandemic: Version 1.** Arthritis Rheumatol 2020; Wahezi DM, Lo MS, Rubinstein TB ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32705780
4. **The neuropsychological impact of E-learning on children.** Asian J Psychiatr 2020; 54:102306Jha AK, Arora A. http://www.ncbi.nlm.nih.gov/pubmed/?term=32688279
5. **QT Interval Evaluation Associated With Use of Hydroxychloroquine with Combined Use of Azithromycin Among Hospitalized Children Positive for COVID-19.** Cardiol. Young 2020:1-15Tuncer T, Karaci M, Boga A ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32686633
6. **Multi-Inflammatory Syndrome in Children related to SARS-CoV-2 in Spain.** Clin Infect Dis 2020; Moraleda C, Serna-Pascual M, Soriano-Arandes A ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32710613
7. **Complicated Appendicitis in a Pediatric Patient With COVID-19: A Case Report.** Cureus 2020; 12:e8677Alsuwailem AB, Turkistani R, Alomari M. http://www.ncbi.nlm.nih.gov/pubmed/?term=32699677
8. **Haematological and immunological data of Chinese children infected with coronavirus disease 2019.** Data Brief 2020; 31:105953Xiong X, Chua GT, Chi S ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32685628
9. **Urticaria in an Infant with SARS-CoV-2 Positivity.** Dermatol Ther 2020:e14043Proietti I, Mambrin A, Bernardini N ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32697027
10. **Incidental lowering of otitis-media complaints in otitis-prone children during COVID-19 pandemic: not all evil comes to hurt.** Eur. J. Pediatr. 2020; Torretta S, Capaccio P, Coro I ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32691131
11. **Comparing Chinese children and adults with RT-PCR positive COVID-19: A systematic review.** J Infect Public Health 2020; Pei Y, Liu W, Masokano IB ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32682658
12. **Corona virus (Covid-19) - ITS implications in pediatric orthopedic care.** J Orthop 2020; 21:326-330Lakhani A, Sharma E. http://www.ncbi.nlm.nih.gov/pubmed/?term=32684674
13. **Trends in Pediatric Emergency Department Utilization after Institution of COVID-19 Mandatory Social Distancing.** J. Pediatr. 2020; Chaiyachati BH, Agawu A, Zorc JJ, Balamuth F. http://www.ncbi.nlm.nih.gov/pubmed/?term=32702427
14. **Radiological Findings of COVID-19 in Children: A Systematic Review and Meta-Analysis.** J. Trop. Pediatr. 2020; Kumar J, Meena J, Yadav A, Yadav J. http://www.ncbi.nlm.nih.gov/pubmed/?term=32692815
15. **COVID-19 pandemic: management of pediatric surgical patients: Statement of the German Society for Pediatric Surgery (DGKCH), the German Society of Pediatrics and Adolescent Medicine (DGKJ) and the German Society for Pediatric Infectious Diseases (DGPI).** Monatsschr. Kinderheilkd. 2020; Lange B, Tenenbaum T, Wessel LM.
16. **Psychological burden of quarantine in children and adolescents: A rapid systematic review and proposed solutions.** Pak J Med Sci 2020; 36:1106-1116Imran N, Aamer I, Sharif MI ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32704298
17. **COVID-19 outbreak and pediatric diabetes: perceptions of health care professionals worldwide.** Pediatr. Diabetes 2020; Elbarbary NS, Dos Santos TJ, de Beaufort C ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32686287
18. **Children and COVID-19: microbiological and immunological insights.** Pediatr Pulmonol 2020; Buonsenso D, Sali M, Pata D ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32710652
19. **Insight into the Pediatric and Adult Dichotomy of COVID-19: Age-Related Differences in the Immune Response to SARS-CoV-2 infection.** Pediatr Pulmonol 2020; Fialkowski A, Gernez Y, Arya P ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32710693
20. **Challenges to delivering pediatric surgery services in the midst of COVID 19 crisis: experience from a tertiary care hospital of Pakistan.** Pediatr. Surg. Int. 2020; Qazi SH, Saleem A, Pirzada AN ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32691128
21. **Clinical course of SARS-CoV-2 infection in children in Wuhan.** Pneumologie 2020; 74:322Klein F.
22. **COVID-19 Pandemic-Related Practices and Policies Affecting the Continuity of Behavioral Health Care Among Children With Diabetes.** Transl. Behav. Med. 2020; Clary L, Wang C, Byrne ME, Monaghan M. http://www.ncbi.nlm.nih.gov/pubmed/?term=32710626
23. **Multisystem Inflammatory Syndrome in Children: Is There a Linkage to Kawasaki Disease?** Trends Cardiovasc. Med. 2020; Loke YH, Berul CI, Harahsheh AS. http://www.ncbi.nlm.nih.gov/pubmed/?term=32702413
24. **SARS-CoV-2 infection in children.** Turk Pediatri Ars 2020; 55:95-102Cokugras H, Onal P. http://www.ncbi.nlm.nih.gov/pubmed/?term=32684754

25. **SARS-CoV-2 infection in children.** Turk Pediatri Ars 2020; 55:95-102Çokuğraş H, Önal P. http://www.ncbi.nlm.nih.gov/pubmed/?term=32684754
26. **Mild Cytokine Elevation, Moderate CD4(+) T Cell Response and Abundant Antibody Production in Children with COVID-19.** Virol Sin 2020; Jia R, Wang X, Liu P ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32699972

Clinical Features (42 articles)

1. **Higher frequency of hepatic steatosis at CT among COVID-19-positive patients.** Abdom Radiol (NY) 2020; Medeiros AK, Barbisan CC, Cruz IR ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32683613
2. **Higher frequency of hepatic steatosis at CT among COVID-19-positive patients.** Abdom Radiol (NY) 2020:1-7Medeiros AK, Barbisan CC, Cruz IR ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32683613
3. **Clinical Characteristics and Predictors of Disease Progression in Severe Patients with COVID-19 Infection in Jiangsu Province, China: A Descriptive Study.** Am. J. Med. Sci. 2020; 360:120-128Huang M, Yang Y, Shang F ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32709280
4. **COVID-19 - associated urticaria with angioedema in a morbidly obese male successfully treated with glucocorticoids.** Ann. Allergy. Asthma. Immunol. 2020; Lockey RF, Hudey SN. http://www.ncbi.nlm.nih.gov/pubmed/?term=32711028
5. **Clinical characteristics of coronavirus disease 2019 in Gansu province, China.** Ann Palliat Med 2020; Yue H, Bai X, Wang J ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32692208
6. **COVID-19 and andrology: Recommendations of the French-speaking society of andrology (Société d'Andrologie de langue Française SALF).** Basic Clin Androl 2020; 30:10Hamdi S, Bendayan M, Huyghe E ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32685170
7. **Clinical Characteristics and In-Hospital Mortality for COVID-19 Across The Globe.** Cardiol Ther 2020; Goel S, Jain T, Hooda A ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32683639
8. **Clinical and procedural characteristics of COVID-19 patients treated with percutaneous coronary interventions.** Catheter. Cardiovasc. Interv. 2020; Siudak Z, Grygier M, Wojakowski W ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32686899
9. **Overview of Management of Children with COVID-19.** Clin Exp Pediatr 2020; Wati DK, Manggala AK. http://www.ncbi.nlm.nih.gov/pubmed/?term=32683801
10. **Characteristics and outcomes of patients with COVID-19 at a district general hospital in Surrey, UK.** Clin Med (Lond) 2020; Knights H, Mayor N, Millar K ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32709637
11. **Clinical Profiles, Characteristics, and Outcomes of the First 100 Admitted COVID-19 Patients in Pakistan: A Single-Center Retrospective Study in a Tertiary Care Hospital of Karachi.** Cureus 2020; 12:e8712Asghar MS, Haider Kazmi SJ, Ahmed Khan N ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32699707
12. **Epidemiological and Clinical Features of SARS-CoV-2: A Retrospective Study from East Karachi, Pakistan.** Cureus 2020; 12:e8679Tahir S, Tahir SA, Bin Arif T ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32699679
13. **Urticaria in an Infant with SARS-CoV-2 Positivity.** Dermatol Ther 2020:e14043Proietti I, Mambrin A, Bernardini N ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32697027
14. **COVID-19: Characteristics, ventilation and clinical courses of patients in Lombardy.** Deutsche Medizinische Wochenschrift 2020; 145:810Krome S.
15. **Demographic and Clinical Features of Critically Ill Patients with COVID-19 in Greece: The Burden of Diabetes and Obesity.** Diabetes Res Clin Pract 2020:108331Halvatsiotis P, Kotanidou A, Tzannis K ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32682810
16. **Spatial and temporal dynamics of SARS-CoV-2 in COVID-19 patients: A systematic review and meta-analysis.** EBioMedicine 2020; 58:102916Weiss A, Jellingsø M, Sommer MOA. http://www.ncbi.nlm.nih.gov/pubmed/?term=32711256
17. **Analysis of clinical characteristics and outcomes in patients with COVID-19 based on a series of 1000 patients treated in Spanish emergency departments.** Emergencias 2020; 32:233-241Gil-Rodrigo A, Miró Ò, Piñera P ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32692000
18. **Epidemiological and clinical course of 483 patients with COVID-19 in Wuhan, China: a single-center, retrospective study from the mobile cabin hospital.** Eur J Clin Microbiol Infect Dis 2020; Wang B, Wang Z, Zhao J ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32683596
19. **Clinical course and risk factors for mortality from COVID-19 in patients with haematological malignancies.** Eur. J. Haematol. 2020; Sanchez-Pina JM, Rodríguez Rodriguez M, Castro Quismondo N ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32710500
20. **Conjunctivitis as sole symptom of COVID-19: A case report and review of literature.** Eur. J. Ophthalmol. 2020:1120672120946287Ozturker ZK. http://www.ncbi.nlm.nih.gov/pubmed/?term=32703010
21. **COVID-19, Cilia, and Smell.** Febs j 2020; Li W, Li M, Ou G. http://www.ncbi.nlm.nih.gov/pubmed/?term=32692465
22. **Late manifestation of follicular conjunctivitis in ventilated patient following COVID-19 positive severe pneumonia.** Indian J Ophthalmol 2020; 68:1675-1677Nayak B, Poddar C, Panigrahi MK ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32709820
23. **Clinical profile and prevalence of conjunctivitis in mild COVID-19 patients in a tertiary care COVID-19 hospital: A retrospective cross-sectional study.** Indian J Ophthalmol 2020; 68:1546-1550Sindhuja K, Lomi N, Asif MI, Tandon R. http://www.ncbi.nlm.nih.gov/pubmed/?term=32709772
24. **Epidemiological and Clinical Characteristics of Coronavirus Disease 2019 in Daegu, South Korea.** Int J Infect Dis 2020; Lee JY, Hong SW, Hyun M ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32702415
25. **Covid Toes: Phenomenon or Epiphenomenon?** J Am Acad Dermatol 2020; Deutsch A, Blasiak R, Keyes A ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32682878
26. **Distinct clinical and immunological features of SARS-COV-2-induced multisystem inflammatory syndrome in children.** J. Clin. Invest. 2020; Lee PY, Day-Lewis M, Henderson LA ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32701511
27. **Clinical Course and Outcomes of Severe Covid-19: A National Scale Study.** J Clin Med 2020; 9Amit M, Sorkin A, Chen J ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32708357

28. **The Spectrum of Clinical and Serological Features of COVID-19 in Urban Hemodialysis Patients.** J Clin Med 2020; 9Stock da Cunha T, Gomá-Garcés E, Avello A ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32708750
29. **The Brief Case: "Not Positive" or "Not Sure"-COVID-19-Negative Results in a Symptomatic Patient.** J. Clin. Microbiol. 2020; 58Parikh BA, Bailey TC, Lyons PG, Anderson NW. http://www.ncbi.nlm.nih.gov/pubmed/?term=32703891
30. **Comparing Chinese children and adults with RT-PCR positive COVID-19: A systematic review.** J Infect Public Health 2020; Pei Y, Liu W, Masokano IB ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32682658
31. **Clinical characteristics of coronavirus disease 2019 in patients aged 80 years and older.** J Integr Med 2020; Dang JZ, Zhu GY, Yang YJ, Zheng F. http://www.ncbi.nlm.nih.gov/pubmed/?term=32690444
32. **A Structural Equation Model to Examine the Clinical Features of Mild-to-Moderate Covid-19: A Multicenter Italian Study.** J Med Virol 2020; Barillari MR, Bastiani L, Lechien JR ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32710639
33. **Analysis of the positive rate of 4254 cases of COVID-19 nucleic acid tests in Different Sites in Wuhan, China.** J Med Virol 2020; Deng K, Li H, Ma X ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32691919
34. **Proportion of asymptomatic coronavirus disease 2019 (COVID-19): a systematic review and meta-analysis.** J Med Virol 2020; He J, Guo Y, Mao R, Zhang J. http://www.ncbi.nlm.nih.gov/pubmed/?term=32691881
35. **Risk factors and outcomes of COVID-19 in New York City; a retrospective cohort study.** J Med Virol 2020; van Gerwen M, Alsen M, Little C ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32706392
36. **The Natural History, Pathobiology, and Clinical Manifestations of SARS-CoV-2 Infections.** J. Neuroimmune Pharmacol. 2020; Machhi J, Herskovitz J, Senan AM ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32696264
37. **Prospective study in 355 patients with suspected COVID-19 infection. Value of cough, subjective hyposmia, and hypogeusia.** Laryngoscope 2020; Martin-Sanz E, Riestra J, Yebra L ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32686164
38. **Prospective study in 355 patients with suspected COVID-19 infection. Value of cough, subjective hyposmia, and hypogeusia.** Laryngoscope 2020; Martin-Sanz E, Riestra J, Yebra L ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32686164
39. **Asymptomatic SARS-CoV-2 infection in two patients with multiple sclerosis treated with fingolimod.** Mult Scler Relat Disord 2020; 45:102414Mallucci G, Zito A, Fabbro BD, Bergamaschi R. http://www.ncbi.nlm.nih.gov/pubmed/?term=32711296
40. **Clinical course of SARS-CoV-2 infection in children in Wuhan.** Pneumologie 2020; 74:322Klein F.
41. **Epidemiologic, Clinical, and Laboratory Findings of the COVID-19 in the current pandemic.** Res Sq 2020; Xie Y, Wang Z, Liao H ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32702720
42. **Impact of pandemic COVID-19 outbreak on oral mucositis preventive and treatment protocols: new perspectives for extraoral photobiomodulation therapy.** Support. Care Cancer 2020; Faria KM, Gomes-Silva W, Kauark-Fontes E ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32696245

CNS (23 articles)

1. **Facing acute neuromuscular diseases during COVID-19 pandemic: focus on Guillain-Barré syndrome.** Acta Neurol. Belg. 2020; Galassi G, Marchioni A. http://www.ncbi.nlm.nih.gov/pubmed/?term=32696312
2. **Brain abnormalities in COVID-19 acute/subacute phase: A rapid systematic review.** Brain Behav Immun 2020; Egbert AR, Cankurtaran S, Karpiak S. http://www.ncbi.nlm.nih.gov/pubmed/?term=32682993
3. **Rare presentations of COVID-19: PRES-like leukoencephalopathy and carotid thrombosis.** Clin Imaging 2020; 69:94-101Doo FX, Kassim G, Lefton DR ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32707411
4. **Clozapine in the Time of COVID-19.** Clin Psychopharmacol Neurosci 2020; 18:450-453Boland X, Dratcu L. http://www.ncbi.nlm.nih.gov/pubmed/?term=32702224
5. **COVID-19, Cilia, and Smell.** Febs j 2020; Li W, Li M, Ou G. http://www.ncbi.nlm.nih.gov/pubmed/?term=32692465
6. **Chronic Neurology in COVID-19 Era: Clinical Considerations and Recommendations From the REPROGRAM Consortium.** Front. Neurol. 2020; 11:664Bhaskar S, Bradley S, Israeli-Korn S ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32695066
7. **COVID-19 and olfactory dysfunction: A possible associative approach towards neurodegenerative diseases.** J. Cell. Physiol. 2020; Mahalaxmi I, Kaavya J, Mohana Devi S, Balachandar V. http://www.ncbi.nlm.nih.gov/pubmed/?term=32697344
8. **The peripheral blood immune cell profile in a teriflunomide-treated multiple sclerosis patient with COVID-19 pneumonia.** J. Neuroimmunol. 2020; 346:577323Ciardi MR, Zingaropoli MA, Pasculli P ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32688146
9. **A systematic review of neurological symptoms and complications of COVID-19.** J. Neurol. 2020; Chen X, Laurent S, Onur OA ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32691236
10. **COVID-19 and neurological disorders: are neurodegenerative or neuroimmunological diseases more vulnerable?** J. Neurol. 2020; Ferini-Strambi L, Salsone M. http://www.ncbi.nlm.nih.gov/pubmed/?term=32696341
11. **COVID-19 in MS and NMOSD: A multicentric online national survey in Chile.** Mult Scler Relat Disord 2020; 45:102392Ciampi E, Uribe-San-Martin R, Soler B ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32683306
12. **COVID-19 in MS and NMOSD: A multicentric online national survey in Chile.** Mult Scler Relat Disord 2020; 45:102392Ciampi E, Uribe-San-Martín R, Soler B ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32683306
13. **COVID-19 and multiple sclerosis: A description of two cases on alemtuzumab.** Mult Scler Relat Disord 2020; 45:102402Fernández-Díaz E, Gracia-Gil J, García-García JG ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32711297

14. **Multiple sclerosis following SARS-CoV-2 infection.** Mult Scler Relat Disord 2020; 45:102377Palao M, Fernández-Díaz E, Gracia-Gil J ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32698095
15. **Psychological status of patients with relapsing-remitting multiple sclerosis during coronavirus disease-2019 outbreak.** Mult Scler Relat Disord 2020; 45:102407Stojanov A, Malobabic M, Milosevic V ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32702641
16. **Spinal nerve pathology in Guillain-Barré syndrome associated with COVID-19 infection.** Muscle Nerve 2020; Berciano J, Gallardo E. http://www.ncbi.nlm.nih.gov/pubmed/?term=32696462
17. **Reply: 'Spinal nerve pathology in Guillain-Barré syndrome associated with COVID-19 infection'.** Muscle Nerve 2020; Oguz-Akarsu E, Ozpar R, Hakyemez B, Karli N. http://www.ncbi.nlm.nih.gov/pubmed/?term=32696488
18. **COVID-19, Mast Cells, Cytokine Storm, Psychological Stress, and Neuroinflammation.** Neuroscientist 2020:1073858420941476Kempuraj D, Selvakumar GP, Ahmed ME ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32684080
19. **COVID-19-associated encephalopathy: Neurological manifestation of COVID-19.** Radiol Case Rep 2020; 15:1646-1649Al Mazrouei SS, Saeed GA, Al Helali AA, Ahmed M. http://www.ncbi.nlm.nih.gov/pubmed/?term=32690988
20. **Acute myelitis as a neurological complication of Covid-19: A case report and MRI findings.** Radiol Case Rep 2020; 15:1591-1595AlKetbi R, AlNuaimi D, AlMulla M ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32685076
21. **Acute encephalopathy with elevated CSF inflammatory markers as the initial presentation of COVID-19.** Res Sq 2020; Farhadian S, Glick LR, Vogels CBF ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32702723
22. **Neuropathogenic human coronaviruses: A review.** Rev Med Virol 2020:e02118Abdelaziz OS, Waffa Z. http://www.ncbi.nlm.nih.gov/pubmed/?term=32687681
23. **Anti-NMDA receptor encephalitis presenting as new onset refractory status epilepticus in COVID-19.** Seizure 2020; 81:18-20Monti G, Giovannini G, Marudi A ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32688169

Complications (114 articles)

1. **Brugada syndrome.** Acta Cardiol. 2020:1-20Korlipara H, Korlipara G, Pentyala S. http://www.ncbi.nlm.nih.gov/pubmed/?term=32684122
2. **A case of Inappropriate Antidiuretic Hormone Secretion Syndrome Associated with COVID-19 Pneumonia.** Acta Endocrinol (Buchar) 2020; 16:110-111Gemcioglu E, Karabuga B, Ercan A, Erden A. http://www.ncbi.nlm.nih.gov/pubmed/?term=32685049
3. **Population-based Estimates for High Risk of Severe COVID-19 Disease due to Age and Underlying Health Conditions.** Acta Med Port 2020; Laires PA, Nunes C. http://www.ncbi.nlm.nih.gov/pubmed/?term=32707029
4. **Facing acute neuromuscular diseases during COVID-19 pandemic: focus on Guillain-Barré syndrome.** Acta Neurol. Belg. 2020; Galassi G, Marchioni A. http://www.ncbi.nlm.nih.gov/pubmed/?term=32696312
5. **Treatment of acute respiratory failure in the course of COVID-19. Practical hints from the expert panel of the Assembly of Intensive Care and Rehabilitation of the Polish Respiratory Society.** Adv Respir Med 2020; 88:245-266Czajkowska-Malinowska M, Kania A, Kuca PJ ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32706108
6. **Case report: one case of coronavirus disease 2019 (COVID-19) in a patient co-infected by HIV with a normal CD4(+) T cell count.** AIDS Res. Ther. 2020; 17:46Menghua W, Xin Z, Jianwei L ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32703286
7. **HIV and SARS-CoV-2: Intersecting Epidemics with Many Unknowns.** Am. J. Epidemiol. 2020; Lesko CR, Bengtson AM. http://www.ncbi.nlm.nih.gov/pubmed/?term=32696057
8. **Apical Takotsubo Cardiomyopathy in a COVID-19 Patient Presenting with Stroke: A Case Report and Pathophysiologic Insights.** Am J Med Case Rep 2020; 8:350-357Kariyanna PT, Chandrakumar HP, Jayarangaiah A ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32704530
9. **Reply to: Fungal Infection During COVID-19: Does Aspergillus Mean Secondary Invasive Aspergillosis?** Am J Respir Crit Care Med 2020; van Arkel ALE, Rijpstra TA, Belderbos HNA ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32687390
10. **Clinical characteristics and treatment of critically ill patients with COVID-19 in Hebei.** Ann Palliat Med 2020; Chen Y, Zhang K, Zhu G ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32692230
11. **American College of Rheumatology Clinical Guidance for Pediatric Patients with Multisystem Inflammatory Syndrome in Children (MIS-C) Associated with SARS-CoV-2 and Hyperinflammation in COVID-19. Version 1.** Arthritis Rheumatol 2020; Henderson LA, Canna SW, Friedman KG ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32705809
12. **American College of Rheumatology Guidance for the Management of Children with Pediatric Rheumatic Disease During the COVID-19 Pandemic: Version 1.** Arthritis Rheumatol 2020; Wahezi DM, Lo MS, Rubinstein TB ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32705780
13. **Nutrition management for critically and acutely unwell hospitalised patients with coronavirus disease 2019 (COVID-19) in Australia and New Zealand.** Aust. Crit. Care 2020; Chapple LS, Fetterplace K, Asrani V ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32682671
14. **SARS-CoV-2 Positive Hospitalized Cancer Patients during the Italian Outbreak: The Cohort Study in Reggio Emilia.** Biology (Basel) 2020; 9Pinto C, Berselli A, Mangone L ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32707770
15. **Opening Pandora's box: surgical tracheostomy in mechanically ventilated COVID-19 patients.** Br J Anaesth 2020; El-Wajeh Y, Varley I, Raithatha A ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32709307
16. **Interdependence between elevated intra-abdominal, pleural, and airway opening pressure in severe acute respiratory distress syndrome with extracorporeal membrane oxygenation.** Br J Anaesth 2020; Mauri T, Spinelli E, Caccioppola A ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32682550
17. **Brain abnormalities in COVID-19 acute/subacute phase: A rapid systematic review.** Brain Behav Immun 2020; Egbert AR, Cankurtaran S, Karpiak S. http://www.ncbi.nlm.nih.gov/pubmed/?term=32682993

18. **Multiorgan Failure With Emphasis on Acute Kidney Injury and Severity of COVID-19: Systematic Review and Meta-Analysis.** Can J Kidney Health Dis 2020; 7:2054358120938573Lim MA, Pranata R, Huang I ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32685180
19. **Clinico-Biological Features and Clonal Hematopoiesis in Patients with Severe COVID-19.** Cancers (Basel) 2020; 12Duployez N, Demonchy J, Berthon C ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32708264
20. **Endothelial barrier integrity in COVID-19-dependent hyperinflammation: does the protective facet of platelet function matter?** Cardiovasc Res 2020; 116:e118-e121Smeda M, Chlopicki S. http://www.ncbi.nlm.nih.gov/pubmed/?term=32707576
21. **Clinical and procedural characteristics of COVID-19 patients treated with percutaneous coronary interventions.** Catheter. Cardiovasc. Interv. 2020; Siudak Z, Grygier M, Wojakowski W ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32686899
22. **The severe COVID-19: A sepsis induced by viral infection? and its immunomodulatory therapy.** Chin. J. Traumatol. 2020; Lin HY. http://www.ncbi.nlm.nih.gov/pubmed/?term=32690231
23. **Coagulation Status and Venous Thromboembolism Risk in African Americans: A Potential Risk Factor in COVID-19.** Clin. Appl. Thromb. Hemost. 2020; 26:1076029620943671Frydman GH, Boyer EW, Nazarian RM ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32702995
24. **Viral Coagulopathy in Patients With COVID-19: Treatment and Care.** Clin. Appl. Thromb. Hemost. 2020; 26:1076029620936776Kipshidze N, Dangas G, White CJ ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32687449
25. **The extended autonomic system, dyshomeostasis, and COVID-19.** Clin. Auton. Res. 2020; Goldstein DS. http://www.ncbi.nlm.nih.gov/pubmed/?term=32700055
26. **Patient-reported Outcomes of Patients With Breast Cancer During the COVID-19 Outbreak in the Epicenter of China: A Cross-sectional Survey Study.** Clin. Breast Cancer 2020; Juanjuan L, Santa-Maria CA, Hongfang F ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32709505
27. **The angiotensin-converting enzyme 2 (ACE2) receptor in the prevention and treatment of COVID-19 are distinctly different paradigms.** Clin Hypertens 2020; 26:14McLachlan CS. http://www.ncbi.nlm.nih.gov/pubmed/?term=32685191
28. **Rare presentations of COVID-19: PRES-like leukoencephalopathy and carotid thrombosis.** Clin Imaging 2020; 69:94-101Doo FX, Kassim G, Lefton DR ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32707411
29. **Coronavirus disease 2019: acute Fanconi syndrome precedes acute kidney injury.** Clin Kidney J 2020; 13:362-370Kormann R, Jacquot A, Alla A ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32695327
30. **Acute peritoneal dialysis in the treatment of COVID-19-related acute kidney injury.** Clin Kidney J 2020; 13:269-273Ponce D, Balbi AL, Durand JB ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32695319
31. **Characterization of acute kidney injury in critically ill patients with severe coronavirus disease 2019.** Clin Kidney J 2020; 13:354-361Rubin S, Orieux A, Prevel R ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32695326
32. **Characteristics and outcomes of patients with COVID-19 at a district general hospital in Surrey, UK.** Clin Med (Lond) 2020; Knights H, Mayor N, Millar K ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32709637
33. **Bacterial co-infection and secondary infection in patients with COVID-19: a living rapid review and meta-analysis.** Clin Microbiol Infect 2020; Langford BJ, So M, Raybardhan S ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32711058
34. **Complicated Appendicitis in a Pediatric Patient With COVID-19: A Case Report.** Cureus 2020; 12:e8677Alsuwailem AB, Turkistani R, Alomari M. http://www.ncbi.nlm.nih.gov/pubmed/?term=32699677
35. **A Case Report of Polymerase Chain Reaction-Confirmed COVID-19 in a Patient With Right Ventricular Thrombus and Bilateral Deep Vein Thrombosis.** Cureus 2020; 12:e8633Elkattawy S, Younes I, Noori MAM. http://www.ncbi.nlm.nih.gov/pubmed/?term=32685302
36. **Extracorporeal Membrane Oxygenation Support in a Young Patient With COVID-19 Infection.** Cureus 2020; 12:e8694Lima G, Cardoso E, Paredes MC. http://www.ncbi.nlm.nih.gov/pubmed/?term=32699691
37. **ST Elevation in a Patient With COVID-19 Infection-Associated Fever: A Case of Brugada Pattern.** Cureus 2020; 12:e8722Mahadevaiah G, Aleem A, Secaira A ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32699717
38. **Fatal Outcome in a Kidney-Pancreas Transplant Recipient With COVID-19.** Cureus 2020; 12:e8691Suwanwongse K, Shabarek N. http://www.ncbi.nlm.nih.gov/pubmed/?term=32699689
39. **Disseminated Intravascular Coagulation: A Devastating Systemic Disorder of Special Concern with COVID-19.** Dermatol Ther 2020; Singh P, Schwartz RA. http://www.ncbi.nlm.nih.gov/pubmed/?term=32700813
40. **COVID-19: Characteristics, ventilation and clinical courses of patients in Lombardy.** Deutsche Medizinische Wochenschrift 2020; 145:810Krome S.
41. **COVID-19-associated coagulopathy.** Diagnosis (Berl) 2020; Franchini M, Marano G, Cruciani M ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32683333
42. **COVID-19 Pneumonia: Three Thoracic Complications in the Same Patient.** Diagnostics (Basel) 2020; 10Borghesi A, Aggiusti C, Farina D ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32698424
43. **Kawasaki disease in siblings and a review of drug treatment.** Drugs Context 2020; 9Loo SK, Hon KL, Leung AK ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32699547
44. **Case Report of Acute Airway Obstruction Caused by Transglottic Squamous Carcinoma (Stage IV) During the Coronavirus Pandemic Cured by ECMO-Assisted Tracheostomy.** Ear Nose Throat J 2020:145561320943354Chen Z, Lv Y, Feng Y. http://www.ncbi.nlm.nih.gov/pubmed/?term=32687410
45. **Analysis of clinical characteristics and outcomes in patients with COVID-19 based on a series of 1000 patients treated in Spanish emergency departments.** Emergencias 2020; 32:233-241Gil-Rodrigo A, Miró Ò, Piñera P ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32692000
46. **Clinical findings, risk factors, and final outcome in patients diagnosed with pulmonary thromboembolism and COVID-19 in hospital emergency departments.** Emergencias 2020; 32:253-257Jiménez Hernández S, Lozano Polo L, Suñen Cuquerella G ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32692002

47. **Cerebral venous sinus thrombosis might be under-diagnosed in the COVID-19 era.** eNeurologicalSci 2020; 20:100256Shakibajahromi B, Borhani-Haghighi A, Haseli S, Mowla A. http://www.ncbi.nlm.nih.gov/pubmed/?term=32704578
48. **SARS-CoV-2 induced thrombocytopenia as an important biomarker significantly correlated with abnormal coagulation function, increased intravascular blood clot risk and mortality in COVID-19 patients.** Exp Hematol Oncol 2020; 9:16Bao C, Tao X, Cui W ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32695551
49. **Coronavirus disease 2019 (Covid-19) presenting as purulent fulminant myopericarditis and cardiac tamponade: A case report and literature review.** Heart Lung 2020; Khatri A, Wallach F. http://www.ncbi.nlm.nih.gov/pubmed/?term=32693958
50. **Acute abdomen -like-presentation associated with SARS-CoV-2 infection.** IDCases 2020; 21:e00895Ahmed AOE, Mohamed SF, Saleh AO ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32691004
51. **Bacterial and Fungal Co-Infections in COVID-19 Patients Hospitalized During the New York City Pandemic Surge.** Infect Control Hosp Epidemiol 2020:1-13Nori P, Cowman K, Chen V ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32703320
52. **Baseline Chronic Comorbidity and Mortality in Laboratory-Confirmed COVID-19 Cases: Results from the PRECOVID Study in Spain.** Int J Environ Res Public Health 2020; 17Poblador-Plou B, Carmona-Pírez J, Ioakeim-Skoufa I ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32709002
53. **Covid-19: The Rollercoaster of Fibrin(Ogen), D-Dimer, Von Willebrand Factor, P-Selectin and Their Interactions with Endothelial Cells, Platelets and Erythrocytes.** Int J Mol Sci 2020; 21Grobler C, Maphumulo SC, Grobbelaar LM ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32708334
54. **Acquired infection after intubating patients with COVID-19: A retrospective pilot study.** J. Clin. Anesth. 2020; 67:110006Zhang J, Sun M, Li N ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32711351
55. **Clinical Course and Outcomes of Severe Covid-19: A National Scale Study.** J Clin Med 2020; 9Amit M, Sorkin A, Chen J ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32708357
56. **The Plasmatic Aldosterone and C-Reactive Protein Levels, and the Severity of Covid-19: The Dyhor-19 Study.** J Clin Med 2020; 9Villard O, Morquin D, Molinari N ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32708205
57. **A case of severe psoriatic erythroderma with COVID-19.** J Dermatolog Treat 2020:1-11Ghalamkarpour F, Pourani MR, Abdollahimajd F, Zargari O. http://www.ncbi.nlm.nih.gov/pubmed/?term=32691645
58. **COVID-19 Associated Invasive Pulmonary Aspergillosis: Diagnostic and Therapeutic Challenges.** J Fungi (Basel) 2020; 6Mohamed A, Rogers TR, Talento AF. http://www.ncbi.nlm.nih.gov/pubmed/?term=32707965
59. **A case series of novel coronavirus infection in heart transplantation from 2 centers in the pandemic area in the North of Italy.** J. Heart Lung Transplant. 2020; Iacovoni A, Boffini M, Pidello S ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32709482
60. **Nosocomial COVID-19 infection: examining the risk of mortality. The COPE-Nosocomial study (COVID in Older PEople).** J Hosp Infect 2020; Carter B, Collins JT, Barlow-Pay F ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32702463
61. **Persistent COVID-19 in an Immunocompromised Patient Temporarily Responsive to Two Courses of Remdesivir Therapy.** J Infect Dis 2020; Helleberg M, Niemann CU, Moestrup K ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32702095
62. **Patterns of HIV and SARS-CoV-2 co-infection in Wuhan, China.** J Int AIDS Soc 2020; 23:e25568Guo W, Ming F, Feng Y ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32697865
63. **Acute Kidney Injury and Kidney Damage in COVID-19 Patients.** J Korean Med Sci 2020; 35:e257Na KR, Kim HR, Ham Y ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32686373
64. **A Case Report of Tracheostomy for a Patient with COVID-19: How to Minimize Medical Staff and Patient Risks.** J Korean Med Sci 2020; 35:e263Youn SH, Baek SY, Yoon J ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32686375
65. **HIV/SARS-CoV-2 coinfection: a global perspective.** J Med Virol 2020; Kanwugu ON, Adadi P. http://www.ncbi.nlm.nih.gov/pubmed/?term=32692406
66. **SARS-CoV-2 infection in persons living with HIV: a single center prospective cohort.** J Med Virol 2020; Maggiolo F, Zoboli F, Arosio M ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32706409
67. **Hemorrhagic encephalopathy associated with COVID-19.** J. Neuroimmunol. 2020; 346:577326Krett JD, Jewett GAE, Elton-Lacasse C ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32683185
68. **Coronavirus Disease 2019 and Stroke: Clinical Manifestations and Pathophysiological Insights.** J. Stroke Cerebrovasc. Dis. 2020; 29:104941Divani AA, Andalib S, Di Napoli M ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32689643
69. **Hemorrhagic stroke and anticoagulation in COVID-19.** J. Stroke Cerebrovasc. Dis. 2020; 29:104984Dogra S, Jain R, Cao M ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32689588
70. **Acute ophthalmic artery occlusion in a COVID-19 patient on apixaban.** J. Stroke Cerebrovasc. Dis. 2020; 29:104982Dumitrascu OM, Volod O, Bose S ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32689586
71. **Cerebral venous thrombosis: A typical presentation of COVID-19 in the young.** J. Stroke Cerebrovasc. Dis. 2020; 29:104989Klein DE, Libman R, Kirsch C, Arora R. http://www.ncbi.nlm.nih.gov/pubmed/?term=32689590
72. **Thalamic perforating artery stroke on computed tomography perfusion in a patient with coronavirus disease 2019.** J. Stroke Cerebrovasc. Dis. 2020; 29:104974Rudilosso S, Esteller D, Urra X, Chamorro Á. http://www.ncbi.nlm.nih.gov/pubmed/?term=32689589
73. **Fibrinolysis and COVID-19: a tale of two sites?** J Thromb Haemost 2020; Keragala CB, Medcalf RL, Myles PS. http://www.ncbi.nlm.nih.gov/pubmed/?term=32692877
74. **Multifactorial pathogenesis of COVID-19-related coagulopathy. Can defibrotide have a role in the early phases of coagulation disorders?** J Thromb Haemost 2020; Macciò A, Madeddu C, Caocci G, La Nasa G. http://www.ncbi.nlm.nih.gov/pubmed/?term=32692894
75. **Incidence of thrombosis and hemorrhage in hospitalized cancer patients with COVID-19.** J Thromb Haemost 2020; Patell R, Bogue T, Bindal P ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32692862
76. **The hazard of (sub)therapeutic doses of anticoagulants in non-critically ill patients with Covid-19: the Padua province experience.** J Thromb Haemost 2020; Pesavento R, Ceccato D, Pasquetto G ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32692874

77. **COVID-19-associated vasculitis and vasculopathy.** J. Thromb. Thrombolysis 2020; Becker RC. http://www.ncbi.nlm.nih.gov/pubmed/?term=32700024
78. **Thromboprophylaxis: balancing evidence and experience during the COVID-19 pandemic.** J. Thromb. Thrombolysis 2020; Marchandot B, Trimaille A, Curtiaud A ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32696172
79. **Acute thrombotic events as initial presentation of patients with COVID-19 infection.** J Vasc Surg Cases Innov Tech 2020; 6:381-383Ilonzo N, Rao A, Berger K ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32704580
80. **Severe immunosuppression and not a cytokine storm characterize COVID-19 infections.** JCI Insight 2020; Remy KE, Mazer M, Striker DA ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32687484
81. **Platelets to surrogate lung inflammation in COVID-19 patients.** Med. Hypotheses 2020; 143:110098Kuchi Bhotla H, Kaul T, Balasubramanian B ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32688185
82. **Pneumothorax after COVID-19 pneumonia.** MMW-Fortschritte der Medizin 2020; 162:11Büttner R, Heiligensetzer A, Fürst A.
83. **Corona pandemic: Obesity increases risk of severe course of COVID-19.** MMW-Fortschritte der Medizin 2020; 162:32-33Müssig K.
84. **COVID-19 and multiple sclerosis: A description of two cases on alemtuzumab.** Mult Scler Relat Disord 2020; 45:102402Fernández-Díaz E, Gracia-Gil J, García-García JG ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32711297
85. **Multiple sclerosis following SARS-CoV-2 infection.** Mult Scler Relat Disord 2020; 45:102377Palao M, Fernández-Díaz E, Gracia-Gil J ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32698095
86. **Spinal nerve pathology in Guillain-Barré syndrome associated with COVID-19 infection.** Muscle Nerve 2020; Berciano J, Gallardo E. http://www.ncbi.nlm.nih.gov/pubmed/?term=32696462
87. **Reply: 'Spinal nerve pathology in Guillain-Barré syndrome associated with COVID-19 infection'.** Muscle Nerve 2020; Oguz-Akarsu E, Ozpar R, Hakyemez B, Karli N. http://www.ncbi.nlm.nih.gov/pubmed/?term=32696488
88. **COVID-19, Mast Cells, Cytokine Storm, Psychological Stress, and Neuroinflammation.** Neuroscientist 2020:1073858420941476Kempuraj D, Selvakumar GP, Ahmed ME ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32684080
89. **The Pandemic Academy: Reflections of Infectious Diseases Fellows During COVID-19.** Open Forum Infect Dis 2020; 7:ofaa256Beh DLL, Ng DHL, Ong SWX ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32704516
90. **Prone Positioning of Patients With Acute Respiratory Distress Syndrome Related to COVID-19: A Rehabilitation-Based Prone Team.** Phys Ther 2020; Ng JA, Miccile LA, Iracheta C ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32691056
91. **Use of External Ventilator Control Panel for Mechanical Ventilation in Patients with Severe SARS-CoV-2 Infection.** QJM 2020; Austin A, Pezzano C, Lydon D, Chopra A. http://www.ncbi.nlm.nih.gov/pubmed/?term=32692813
92. **Acute myelitis as a neurological complication of Covid-19: A case report and MRI findings.** Radiol Case Rep 2020; 15:1591-1595AlKetbi R, AlNuaimi D, AlMulla M ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32685076
93. **Rhabdomyolysis as a manifestation of a severe case of COVID-19: A case report.** Radiol Case Rep 2020; 15:1633-1637Husain R, Corcuera-Solano I, Dayan E ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32690987
94. **COVID-19-associated acute pancreatitis: a rare cause of acute abdomen.** Radiol Case Rep 2020; 15:1601-1603Mazrouei SSA, Saeed GA, Al Helali AA. http://www.ncbi.nlm.nih.gov/pubmed/?term=32685078
95. **Thrombosis and thromboembolism related to COVID-19: A clarion call for obtaining solid estimates from large-scale multicenter data.** Res Pract Thromb Haemost 2020; 4:741-743Barco S, Konstantinides SV. http://www.ncbi.nlm.nih.gov/pubmed/?term=32685882
96. **Thrombosis and coagulopathy in COVID-19: An illustrated review.** Res Pract Thromb Haemost 2020; 4:744-751Levi M, Hunt BJ. http://www.ncbi.nlm.nih.gov/pubmed/?term=32685883
97. **Venous thromboembolism in critically Ill patients with COVID-19: Results of a screening study for deep vein thrombosis.** Res Pract Thromb Haemost 2020; 4:842-847Longchamp A, Longchamp J, Manzocchi-Besson S ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32685893
98. **Staying updated on COVID-19: Social media to amplify science in thrombosis and hemostasis.** Res Pract Thromb Haemost 2020; 4:722-726Makris M. http://www.ncbi.nlm.nih.gov/pubmed/?term=32685878
99. **Pulmonary embolism during the COVID-19 pandemic: Decline in diagnostic procedures and incidence at a university hospital.** Res Pract Thromb Haemost 2020; 4:835-841Nopp S, Janata-Schwatczek K, Prosch H ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32685892
100. **Pulmonary embolism during the COVID-19 pandemic: Decline in diagnostic procedures and incidence at a university hospital.** Res Pract Thromb Haemost 2020; 4:835-841Nopp S, Janata-Schwatczek K, Prosch H ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32685892
101. **Antiviral anticoagulation.** Res Pract Thromb Haemost 2020; 4:774-788Pryzdial ELG, Sutherland MR, Lin BH, Horwitz M. http://www.ncbi.nlm.nih.gov/pubmed/?term=32685886
102. **A proposal for staging COVID-19 coagulopathy.** Res Pract Thromb Haemost 2020; 4:731-736Thachil J, Cushman M, Srivastava A. http://www.ncbi.nlm.nih.gov/pubmed/?term=32685880
103. **Respiratory support in patients with COVID-19 (outside intensive care unit). A position paper of the Respiratory Support and Chronic Care Group of the French Society of Respiratory Diseases.** Respir Med Res 2020; 78:100768Rabec C, Gonzalez-Bermejo J. http://www.ncbi.nlm.nih.gov/pubmed/?term=32707480
104. **Continuously available ratio of SpO(2)/FiO(2) serves as a noninvasive prognostic marker for intensive care patients with COVID-19.** Respir Res 2020; 21:194Lu X, Jiang L, Chen T ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32698822
105. **A case of non-severe COVID-19 complicated by pulmonary embolism.** Respirol Case Rep 2020; 8:e00622Akiyama Y, Horiuchi K, Kondo Y ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32685167
106. **Prone cardiopulmonary resuscitation: A scoping and expanded grey literature review for the COVID-19 pandemic.** Resuscitation 2020; Douma MJ, Mackenzie E, Loch T ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32707142

107. **High thrombus burden despite thrombolytic therapy in ST-elevation myocardial infarction in a patient with COVID-19.** Rev Cardiovasc Med 2020; 21:289-295Setia G, Tyler J, Kwan A ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32706216
108. **¿Are Superantigens the Cause of Cytokine Storm and viral sepsis in Severe COVID-19? Observations and hypothesis.** Scand. J. Immunol. 2020:e12944Scaglioni V, Soriano ER. http://www.ncbi.nlm.nih.gov/pubmed/?term=32697367
109. **Anti-NMDA receptor encephalitis presenting as new onset refractory status epilepticus in COVID-19.** Seizure 2020; 81:18-20Monti G, Giovannini G, Marudi A ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32688169
110. **Infarction of the Splenium of the Corpus Callosum in the Age of COVID-19: A Snapshot in Time.** Stroke 2020:Strokeaha120030434Sparr SA, Bieri PL. http://www.ncbi.nlm.nih.gov/pubmed/?term=32684144
111. **Venous thromboembolism in non-critically ill patients with COVID-19 infection.** Thromb Res 2020; 193:166-169Trimaille A, Curtiaud A, Marchandot B ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32707275
112. **Management of immunosuppression in kidney transplant recipients with COVID-19 pneumonia: A summary of 41 confirmed cases reported worldwide.** Transpl Infect Dis 2020:e13425Hu Q, Zhong Z, Xiong Y ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32702153
113. **Kidney Transplant Recipients Infected By COVID-19: Review of the Initial Published Experience.** Transpl Infect Dis 2020:e13426Moris D, Kesseli SJ, Barbas AS. http://www.ncbi.nlm.nih.gov/pubmed/?term=32702150
114. **Influence of Immunosuppression on Seroconversion Against SARS-Cov-2 in Two Kidney Transplant Recipients.** Transpl Infect Dis 2020:e13423Wang AX, Quintero Cardona O, Ho DY ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32701196

Cured – Recovered (6 articles)

1. **A case report of possible novel coronavirus 2019 reinfection.** Am J Emerg Med 2020; Duggan NM, Ludy SM, Shannon BC ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32703607
2. **Respiratory rehabilitation for post-COVID19 patients in spa centers: first steps from theory to practice.** Int. J. Biometeorol. 2020; Antonelli M, Donelli D. http://www.ncbi.nlm.nih.gov/pubmed/?term=32710297
3. **Planning for the Post-COVID Syndrome: How Payers Can Mitigate Long-Term Complications of the Pandemic.** J Gen Intern Med 2020; Jiang DH, McCoy RG. http://www.ncbi.nlm.nih.gov/pubmed/?term=32700223
4. **Attitudes of patients with relapsing-remitting form of multiple sclerosis using disease-modifying drugs in Montenegro regarding COVID-19 pandemic.** Mult Scler Relat Disord 2020; 45:102380Radulovic L, Erakovic J, Roganovic M. http://www.ncbi.nlm.nih.gov/pubmed/?term=32683304
5. **Risk factors associated with mental illness in hospital discharged patients infected with COVID-19 in Wuhan, China.** Psychiatry Res 2020; 292:113297Liu D, Baumeister RF, Veilleux JC ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32707218
6. **Recurrent positive nucleic acid detection in a recovered COVID-19 patient: A case report and literature review.** Respir Med Case Rep 2020; 31:101152Geling T, Huaizheng G, Ying C, Hua H. http://www.ncbi.nlm.nih.gov/pubmed/?term=32704471

Cardiovascular disease (82 articles)

1. **Brugada syndrome.** Acta Cardiol. 2020:1-20Korlipara H, Korlipara G, Pentyala S. http://www.ncbi.nlm.nih.gov/pubmed/?term=32684122
2. **ACE2 imbalance as a key player for the poor outcomes in COVID-19 patients with age-related comorbidities - Role of gut microbiota dysbiosis.** Ageing Res Rev 2020:101123Viana SD, Nunes S, Reis F. http://www.ncbi.nlm.nih.gov/pubmed/?term=32683039
3. **Acute cardiac injury in patients with COVID-19.** Am. J. Cardiovasc. Dis. 2020; 10:28-33De Lorenzo A, Kasal DA, Tura BR ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32685261
4. **Telecardiology during the Covid-19 pandemic: past mistakes and future hopes.** Am. J. Cardiovasc. Dis. 2020; 10:34-47De Simone V, Guarise P, Guardalben S ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32685262
5. **Apical Takotsubo Cardiomyopathy in a COVID-19 Patient Presenting with Stroke: A Case Report and Pathophysiologic Insights.** Am J Med Case Rep 2020; 8:350-357Kariyanna PT, Chandrakumar HP, Jayarangaiah A ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32704530
6. **SARS-CoV-2 post-infective myocarditis: the tip of COVID-19 immune complications?** Ann Intensive Care 2020; 10:98Tissières P, Teboul JL. http://www.ncbi.nlm.nih.gov/pubmed/?term=32705368
7. **Early impact of the COVID-19 pandemic on acute stroke treatment delays.** Can. J. Neurol. Sci. 2020:1-15Neves Briard J, Ducroux C, Jacquin G ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32698917
8. **QT Interval Evaluation Associated With Use of Hydroxychloroquine with Combined Use of Azithromycin Among Hospitalized Children Positive for COVID-19.** Cardiol. Young 2020:1-15Tuncer T, Karaci M, Boga A ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32686633
9. **Endothelial barrier integrity in COVID-19-dependent hyperinflammation: does the protective facet of platelet function matter?** Cardiovasc Res 2020; 116:e118-e121Smeda M, Chlopicki S. http://www.ncbi.nlm.nih.gov/pubmed/?term=32707576
10. **Clinical and procedural characteristics of COVID-19 patients treated with percutaneous coronary interventions.** Catheter. Cardiovasc. Interv. 2020; Siudak Z, Grygier M, Wojakowski W ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32686899
11. **Impact of the Coronavirus Disease 2019 (COVID-19) Pandemic on a Tertiary-Level Electrophysiology Laboratory in Italy.** Circ Arrhythm Electrophysiol 2020; Compagnucci P, Volpato G, Pascucci R ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32703011

12. **HRS/EHRA/APHRS/LAHRS/ACC/AHA Worldwide Practice Update for Telehealth and Arrhythmia Monitoring During and After a Pandemic.** Circ Arrhythm Electrophysiol 2020; 13:e009007Varma N, Marrouche NF, Aguinaga L ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32692972
13. **Coagulation Status and Venous Thromboembolism Risk in African Americans: A Potential Risk Factor in COVID-19.** Clin. Appl. Thromb. Hemost. 2020; 26:1076029620943671Frydman GH, Boyer EW, Nazarian RM ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32702995
14. **Viral Coagulopathy in Patients With COVID-19: Treatment and Care.** Clin. Appl. Thromb. Hemost. 2020; 26:1076029620936776Kipshidze N, Dangas G, White CJ ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32687449
15. **"Missing" acute coronary syndrome hospitalizations during the COVID-19 era in Greece: Medical care avoidance combined with a true reduction in incidence?** Clin. Cardiol. 2020; Papafaklis MI, Katsouras CS, Tsigkas G ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32691901
16. **The angiotensin-converting enzyme 2 (ACE2) receptor in the prevention and treatment of COVID-19 are distinctly different paradigms.** Clin Hypertens 2020; 26:14McLachlan CS. http://www.ncbi.nlm.nih.gov/pubmed/?term=32685191
17. **Rare presentations of COVID-19: PRES-like leukoencephalopathy and carotid thrombosis.** Clin Imaging 2020; 69:94-101Doo FX, Kassim G, Lefton DR ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32707411
18. **A brand-new cardiorenal syndrome in the COVID-19 setting.** Clin Kidney J 2020; 13:291-296Apetrii M, Enache S, Siriopol D ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32695320
19. **Von Willebrand factor (vWF): marker of endothelial damage and thrombotic risk in COVID-19?** Clin Med (Lond) 2020; Ladikou EE, Sivaloganathan H, Milne KM ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32694169
20. **A Case Report of Polymerase Chain Reaction-Confirmed COVID-19 in a Patient With Right Ventricular Thrombus and Bilateral Deep Vein Thrombosis.** Cureus 2020; 12:e8633Elkattawy S, Younes I, Noori MAM. http://www.ncbi.nlm.nih.gov/pubmed/?term=32685302
21. **Spectrum of Cardiac Involvement in COVID-19.** Cureus 2020; 12:e8638Gill GS, Vlacancich R, Mehta N ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32685307
22. **ST Elevation in a Patient With COVID-19 Infection-Associated Fever: A Case of Brugada Pattern.** Cureus 2020; 12:e8722Mahadevaiah G, Aleem A, Secaira A ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32699717
23. **Disseminated Intravascular Coagulation: A Devastating Systemic Disorder of Special Concern with COVID-19.** Dermatol Ther 2020; Singh P, Schwartz RA. http://www.ncbi.nlm.nih.gov/pubmed/?term=32700813
24. **COVID 19: Autopsy study confirms lung damage and risk of thromboembolism.** Deutsche Medizinische Wochenschrift 2020; 145:807-808Krome S.
25. **Pros and cons for use of statins in people with coronavirus disease-19 (COVID-19).** Diabetes Metab Syndr 2020; 14:1225-1229Subir R, Jagat JM, Kalyan KG. http://www.ncbi.nlm.nih.gov/pubmed/?term=32683320
26. **Hypercoagulable state in COVID-19 with diabetes mellitus and obesity: Is therapeutic-dose or higher-dose anticoagulant thromboprophylaxis necessary?** Diabetes Metab Syndr 2020; 14:1241-1242Wijaya I, Andhika R, Huang I. http://www.ncbi.nlm.nih.gov/pubmed/?term=32683322
27. **COVID-19-associated coagulopathy.** Diagnosis (Berl) 2020; Franchini M, Marano G, Cruciani M ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32683333
28. **Kawasaki disease in siblings and a review of drug treatment.** Drugs Context 2020; 9Loo SK, Hon KL, Leung AK ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32699547
29. **Clinical findings, risk factors, and final outcome in patients diagnosed with pulmonary thromboembolism and COVID-19 in hospital emergency departments.** Emergencias 2020; 32:253-257Jiménez Hernández S, Lozano Polo L, Suñen Cuquerella G ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32692002
30. **Cerebral venous sinus thrombosis might be under-diagnosed in the COVID-19 era.** eNeurologicalSci 2020; 20:100256Shakibajahromi B, Borhani-Haghighi A, Haseli S, Mowla A. http://www.ncbi.nlm.nih.gov/pubmed/?term=32704578
31. **The detrimental effect of COVID-19 nationwide quarantine on accelerometer-assessed physical activity of heart failure patients.** ESC Heart Fail 2020; Vetrovsky T, Frybova T, Gant I ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32696600
32. **Pathogenesis and Management of Myocardial Injury in Coronavirus Disease 2019.** Eur J Heart Fail 2020; Wei ZY, Qian HY, Huang J, Geng YJ. http://www.ncbi.nlm.nih.gov/pubmed/?term=32683753
33. **SARS-CoV-2 induced thrombocytopenia as an important biomarker significantly correlated with abnormal coagulation function, increased intravascular blood clot risk and mortality in COVID-19 patients.** Exp Hematol Oncol 2020; 9:16Bao C, Tao X, Cui W ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32695551
34. **Pharmacotherapeutic considerations for the management of cardiovascular diseases among hospitalized COVID-19 patients.** Expert Rev. Cardiovasc. Ther. 2020; Kow CS, Thiruchelvam K, Hasan SS. http://www.ncbi.nlm.nih.gov/pubmed/?term=32700573
35. **COVID-19, ACEI/ARBs and gastrointestinal symptoms: the jury is still out on the association.** Gastroenterology 2020; Parigi TL, Vespa E, Pugliese N. http://www.ncbi.nlm.nih.gov/pubmed/?term=32682762
36. **Coronavirus disease 2019 (Covid-19) presenting as purulent fulminant myopericarditis and cardiac tamponade: A case report and literature review.** Heart Lung 2020; Khatri A, Wallach F. http://www.ncbi.nlm.nih.gov/pubmed/?term=32693958
37. **COVID-19 Presenting as Takotsubo Cardiomyopathy Complicated with Atrial Fibrillation.** Int J Cardiol Heart Vasc 2020; 29:100580Sattar Y, Connerney M, Ullah W ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32685662
38. **Baseline Chronic Comorbidity and Mortality in Laboratory-Confirmed COVID-19 Cases: Results from the PRECOVID Study in Spain.** Int J Environ Res Public Health 2020; 17Poblador-Plou B, Carmona-Pírez J, Ioakeim-Skoufa I ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32709002
39. **Thrombosis centres and AVKs monitoring in COVID-19 pandemic.** Intern Emerg Med 2020; Barcellona D, Marongiu F. http://www.ncbi.nlm.nih.gov/pubmed/?term=32686059

40. **Multimodality Imaging in Evaluation of Cardiovascular complications in Patients with COVID-19.** J Am Coll Cardiol 2020; Rudski L, Januzzi JL, Rigolin VH ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32710927
41. **Use of distinct anti-hypertensive drugs and risk for COVID-19 among hypertensive people: a population-based cohort study in Southern Catalonia, Spain.** J. Clin. Hypertens. (Greenwich) 2020; Vila-Corcoles A, Satue-Gracia E, Ochoa-Gondar O ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32710674
42. **A case series of novel coronavirus infection in heart transplantation from 2 centers in the pandemic area in the North of Italy.** J. Heart Lung Transplant. 2020; Iacovoni A, Boffini M, Pidello S ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32709482
43. **SARS-Cov-2 infection causes pulmonary shunt by vasodilatation.** J Med Virol 2020; Brito-Azevedo A, Pinto EC, de Cata Preta Corrêa GA, Bouskela E. http://www.ncbi.nlm.nih.gov/pubmed/?term=32706407
44. **Efficacy of ACEIs/ARBs versus CCBs on the progression of COVID-19 patients with hypertension in Wuhan: A hospital-based retrospective cohort study.** J Med Virol 2020; Liu X, Liu Y, Chen K ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32687223
45. **Hemorrhagic encephalopathy associated with COVID-19.** J. Neuroimmunol. 2020; 346:577326Krett JD, Jewett GAE, Elton-Lacasse C ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32683185
46. **COVID-19 and stroke: Experience in a Ghanaian healthcare system.** J Neurol Sci 2020; 416:117044Sarfo FS, Mensah NO, Opoku FA ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32702560
47. **Guidance and best practices for reestablishment of non-emergent care in nuclear cardiology laboratories during the coronavirus disease 2019 (COVID-19) pandemic: An information statement from ASNC, IAEA, and SNMMI.** J Nucl Med 2020; Skali H, Murthy VL, Paez D ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32709732
48. **Systemic inflammation with cardiac involvement in pediatric patients with evidence of COVID-19 in a community hospital in the Bronx, NY.** J Pediatric Infect Dis Soc 2020; Rogo T, Mathur K, Purswani M. http://www.ncbi.nlm.nih.gov/pubmed/?term=32687574
49. **Angiotensin converting enzyme 2 at the interface between renin-angiotensin system inhibition and coronavirus disease 2019.** J. Physiol. 2020; Siri-Angkul N, Chattipakorn SC, Chattipakorn N. http://www.ncbi.nlm.nih.gov/pubmed/?term=32710575
50. **Coronavirus Disease 2019 and Stroke: Clinical Manifestations and Pathophysiological Insights.** J. Stroke Cerebrovasc. Dis. 2020; 29:104941Divani AA, Andalib S, Di Napoli M ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32689643
51. **Hemorrhagic stroke and anticoagulation in COVID-19.** J. Stroke Cerebrovasc. Dis. 2020; 29:104984Dogra S, Jain R, Cao M ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32689588
52. **Acute ophthalmic artery occlusion in a COVID-19 patient on apixaban.** J. Stroke Cerebrovasc. Dis. 2020; 29:104982Dumitrascu OM, Volod O, Bose S ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32689586
53. **Optimization of resources and modifications in acute ischemic stroke care in response to the global COVID-19 pandemic.** J. Stroke Cerebrovasc. Dis. 2020; 29:104980Ford T, Curiale G, Nguyen TN ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32689645
54. **Cerebral venous thrombosis: A typical presentation of COVID-19 in the young.** J. Stroke Cerebrovasc. Dis. 2020; 29:104989Klein DE, Libman R, Kirsch C, Arora R. http://www.ncbi.nlm.nih.gov/pubmed/?term=32689590
55. **Thalamic perforating artery stroke on computed tomography perfusion in a patient with coronavirus disease 2019.** J. Stroke Cerebrovasc. Dis. 2020; 29:104974Rudilosso S, Esteller D, Urra X, Chamorro Á. http://www.ncbi.nlm.nih.gov/pubmed/?term=32689589
56. **Falling stroke rates during COVID-19 pandemic at a comprehensive stroke center.** J. Stroke Cerebrovasc. Dis. 2020; 29:104953Siegler JE, Heslin ME, Thau L ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32689621
57. **Fibrinolysis and COVID-19: a tale of two sites?** J Thromb Haemost 2020; Keragala CB, Medcalf RL, Myles PS. http://www.ncbi.nlm.nih.gov/pubmed/?term=32692877
58. **Multifactorial pathogenesis of COVID-19-related coagulopathy. Can defibrotide have a role in the early phases of coagulation disorders?** J Thromb Haemost 2020; Macciò A, Madeddu C, Caocci G, La Nasa G. http://www.ncbi.nlm.nih.gov/pubmed/?term=32692894
59. **Incidence of thrombosis and hemorrhage in hospitalized cancer patients with COVID-19.** J Thromb Haemost 2020; Patell R, Bogue T, Bindal P ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32692862
60. **The hazard of (sub)therapeutic doses of anticoagulants in non-critically ill patients with Covid-19: the Padua province experience.** J Thromb Haemost 2020; Pesavento R, Ceccato D, Pasquetto G ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32692874
61. **COVID-19-associated vasculitis and vasculopathy.** J. Thromb. Thrombolysis 2020; Becker RC. http://www.ncbi.nlm.nih.gov/pubmed/?term=32700024
62. **Thromboprophylaxis: balancing evidence and experience during the COVID-19 pandemic.** J. Thromb. Thrombolysis 2020; Marchandot B, Trimaille A, Curtiaud A ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32696172
63. **Arterial thromboembolism associated with COVID-19 and elevated D-dimer levels.** J Vasc Surg Cases Innov Tech 2020; 6:348-351Garg K, Barfield ME, Pezold ML ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32704579
64. **Acute thrombotic events as initial presentation of patients with COVID-19 infection.** J Vasc Surg Cases Innov Tech 2020; 6:381-383Ilonzo N, Rao A, Berger K ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32704580
65. **Significant fall in stroke admissions in the Malopolska Voivodeship of Poland during the COVID-19 pandemic.** Neurol. Neurochir. Pol. 2020; Słowik A, Nowak R, Popiela T. http://www.ncbi.nlm.nih.gov/pubmed/?term=32700757
66. **Electroencephalography during SARS-CoV-2 outbreak: practical recommendations from the task force of the Italian Society of Neurophysiology (SINC), the Italian League Against Epilepsy (LICE), and the Italian Association of Neurophysiology Technologists (AITN).** Neurol Sci 2020; Grippo A, Assenza G, Scarpino M ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32696088
67. **Thrombosis and thromboembolism related to COVID-19: A clarion call for obtaining solid estimates from large-scale multicenter data.** Res Pract Thromb Haemost 2020; 4:741-743Barco S, Konstantinides SV. http://www.ncbi.nlm.nih.gov/pubmed/?term=32685882

68. **Potential role of platelets in COVID-19: Implications for thrombosis.** Res Pract Thromb Haemost 2020; 4:737-740Koupenova M. http://www.ncbi.nlm.nih.gov/pubmed/?term=32685881
69. **Thrombosis and coagulopathy in COVID-19: An illustrated review.** Res Pract Thromb Haemost 2020; 4:744-751Levi M, Hunt BJ. http://www.ncbi.nlm.nih.gov/pubmed/?term=32685883
70. **Venous thromboembolism in critically Ill patients with COVID-19: Results of a screening study for deep vein thrombosis.** Res Pract Thromb Haemost 2020; 4:842-847Longchamp A, Longchamp J, Manzocchi-Besson S ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32685893
71. **Staying updated on COVID-19: Social media to amplify science in thrombosis and hemostasis.** Res Pract Thromb Haemost 2020; 4:722-726Makris M. http://www.ncbi.nlm.nih.gov/pubmed/?term=32685878
72. **Pulmonary embolism during the COVID-19 pandemic: Decline in diagnostic procedures and incidence at a university hospital.** Res Pract Thromb Haemost 2020; 4:835-841Nopp S, Janata-Schwatczek K, Prosch H ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32685892
73. **Pulmonary embolism during the COVID-19 pandemic: Decline in diagnostic procedures and incidence at a university hospital.** Res Pract Thromb Haemost 2020; 4:835-841Nopp S, Janata-Schwatczek K, Prosch H ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32685892
74. **Antiviral anticoagulation.** Res Pract Thromb Haemost 2020; 4:774-788Pryzdial ELG, Sutherland MR, Lin BH, Horwitz M. http://www.ncbi.nlm.nih.gov/pubmed/?term=32685886
75. **A proposal for staging COVID-19 coagulopathy.** Res Pract Thromb Haemost 2020; 4:731-736Thachil J, Cushman M, Srivastava A. http://www.ncbi.nlm.nih.gov/pubmed/?term=32685880
76. **A case of non-severe COVID-19 complicated by pulmonary embolism.** Respirol Case Rep 2020; 8:e00622Akiyama Y, Horiuchi K, Kondo Y ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32685167
77. **Prone cardiopulmonary resuscitation: A scoping and expanded grey literature review for the COVID-19 pandemic.** Resuscitation 2020; Douma MJ, Mackenzie E, Loch T ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32707142
78. **High thrombus burden despite thrombolytic therapy in ST-elevation myocardial infarction in a patient with COVID-19.** Rev Cardiovasc Med 2020; 21:289-295Setia G, Tyler J, Kwan A ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32706216
79. **Recommendations on antithrombotic treatment during the COVID-19 pandemic. Position statement of the Working Group on Cardiovascular Thrombosis of the Spanish Society of Cardiology.** Rev Esp Cardiol (Engl Ed) 2020; Vivas D, Roldán V, Esteve-Pastor MA ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32694078
80. **COVID-19-Related Cardiovascular Disease and Practical Considerations for Perioperative Clinicians.** Semin. Cardiothorac. Vasc. Anesth. 2020:1089253220943019Gerstein NS, Venkataramani R, Goumas AM ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32706293
81. **Venous thromboembolism in non-critically ill patients with COVID-19 infection.** Thromb Res 2020; 193:166-169Trimaille A, Curtiaud A, Marchandot B ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32707275
82. **Multisystem Inflammatory Syndrome in Children: Is There a Linkage to Kawasaki Disease?** Trends Cardiovasc. Med. 2020; Loke YH, Berul CI, Harahsheh AS. http://www.ncbi.nlm.nih.gov/pubmed/?term=32702413

Diagnosis (11 articles)

1. **Post-pandemic testing of SARS-CoV-2 in Huanan Seafood Market area in Wuhan, China.** Clin Infect Dis 2020; Li J, Wu C, Zhang X ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32710746
2. **Diagnostic groups and short-term outcomes in suspected COVID-19 cases treated in an emergency department.** Emergencias 2020; 32:242-252Martín-Sánchez FJ, González Del Castillo J, Valls Carbó A ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32692001
3. **Virology, pathogenesis, diagnosis and in-line treatment of COVID-19.** Eur. J. Pharmacol. 2020:173375Samudrala PK, Kumar P, Choudhary K ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32682788
4. **My Experience with SARS-CoV-2, with a Focus on Testing.** J. Clin. Microbiol. 2020; 58Cotter PA. http://www.ncbi.nlm.nih.gov/pubmed/?term=32703893
5. **Special Issue on Diagnostic Testing for Severe Acute Respiratory Syndrome Coronavirus 2 and Lessons from This Pandemic.** J. Clin. Microbiol. 2020; 58McAdam AJ. http://www.ncbi.nlm.nih.gov/pubmed/?term=32703896
6. **Closing the Brief Case: "Not Positive" or "Not Sure"-COVID-19-Negative Results in a Symptomatic Patient.** J. Clin. Microbiol. 2020; 58Parikh BA, Bailey TC, Lyons PG, Anderson NW. http://www.ncbi.nlm.nih.gov/pubmed/?term=32703892
7. **The Brief Case: "Not Positive" or "Not Sure"-COVID-19-Negative Results in a Symptomatic Patient.** J. Clin. Microbiol. 2020; 58Parikh BA, Bailey TC, Lyons PG, Anderson NW. http://www.ncbi.nlm.nih.gov/pubmed/?term=32703891
8. **The COVID-19 Diagnostic Dilemma: a Clinician's Perspective.** J. Clin. Microbiol. 2020; 58Rogers R, O'Brien T, Aridi J, Beckwith CG. http://www.ncbi.nlm.nih.gov/pubmed/?term=32703894
9. **Improving the early diagnosis of suspected patients with COVID-19: a retrospective study of 106 patients.** J Infect Dev Ctries 2020; 14:547-553Gao X, Yang D, Yuan Z ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32683343
10. **Comparing Chinese children and adults with RT-PCR positive COVID-19: A systematic review.** J Infect Public Health 2020; Pei Y, Liu W, Masokano IB ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32682658
11. **COVID-19: Progress in diagnostics, therapy and vaccination.** Theranostics 2020; 10:7821-7835Liu X, Liu C, Liu G ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=3268502

DM-MS-Obesity (25 articles)

1. **Issues for the management of people with diabetes and COVID-19 in ICU.** Cardiovasc. Diabetol. 2020; 19:114Ceriello A, Standl E, Catrinoiu D ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32690029

2. **Treating type 2 diabetes in COVID-19 patients: the potential benefits of injective therapies.** Cardiovasc. Diabetol. 2020; 19:115Longo M, Caruso P, Maiorino MI ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32698837
3. **Elevated Glucose Levels Favor SARS-CoV-2 Infection and Monocyte Response through a HIF-1α/Glycolysis-Dependent Axis.** Cell Metab. 2020; Codo AC, Davanzo GG, Monteiro LB ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32697943
4. **COVID-19 and Diabetes: Insulin Requirements Parallel Illness Severity in Critically Unwell Patients.** Clin. Endocrinol. (Oxf.) 2020; Wu L, Girgis CM, Cheung NW. http://www.ncbi.nlm.nih.gov/pubmed/?term=32683745
5. **Characteristics and outcomes of COVID-19 in hospitalized patients with and without diabetes.** Diabetes Metab Res Rev 2020:e3388Al-Salameh A, Lanoix JP, Bennis Y ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32683744
6. **Diabetes and COVID-19: A systematic review on the current evidences.** Diabetes Res Clin Pract 2020:108347Abdi A, Jalilian M, Ahmadi Sarbarzeh P, Vlaisavljevic Z. http://www.ncbi.nlm.nih.gov/pubmed/?term=32711003
7. **Impact of covid-19 lockdown on glycemic control in patients with type 1 diabetes.** Diabetes Res Clin Pract 2020:108348Fernández E, Cortazar A, Bellido V. http://www.ncbi.nlm.nih.gov/pubmed/?term=32711000
8. **Comorbid diabetes and the risk of disease severity or death among 8807 COVID-19 patients in China: a meta-analysis.** Diabetes Res Clin Pract 2020:108346Guo L, Shi Z, Zhang Y ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32710998
9. **Demographic and Clinical Features of Critically Ill Patients with COVID-19 in Greece: The Burden of Diabetes and Obesity.** Diabetes Res Clin Pract 2020:108331Halvatsiotis P, Kotanidou A, Tzannis K ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32682810
10. **Characteristics of laboratory findings of COVID-19 patients with comorbid diabetes mellitus.** Diabetes Res Clin Pract 2020:108351Jing Liang J, Liu J, Chen Y ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32711001
11. **Lymphocyte subsets with the lowest decline at baselineand the slow lowest rise during recovery in COVID-19 critical illnesspatients with diabetes mellitus.** Diabetes Res Clin Pract 2020:108341Liu D, Lan L, Luo D ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32707212
12. **Knowledge, attitudes and practices towards COVID-19 among young adults with Type 1 Diabetes Mellitus amid the nationwide lockdown in India: A cross-sectional survey.** Diabetes Res Clin Pract 2020:108344Pal R, Yadav U, Grover S ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32710997
13. **Recommendations and management of hyperglycaemia in pregnancy during COVID-19 pandemic in Italy.** Diabetes Res Clin Pract 2020:108345Torlone E, Angela Sculli M, Bonomo M ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32710999
14. **Analysis of the lymphocyte count in type 2 diabetic patients with coronavirus disease (COVID-19): A retrospective study in a centralized treatment center.** Diabetes Res Clin Pract 2020:108340Wu D, Gao S. http://www.ncbi.nlm.nih.gov/pubmed/?term=32707213
15. **Perceived Risk, Behavior Changes and Health-related Outcomes During COVID-19 Pandemic: Findingsamong Adults with and without Diabetesin China.** Diabetes Res Clin Pract 2020:108350Yan AF, Sun X, Zheng J ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32710996
16. **Basal-Bolus Insulin Regimen for Hospitalised Patients with COVID-19 and Diabetes Mellitus: A Practical Approach.** Diabetes Ther. 2020; Attri B, Goyal A, Gupta Y, Tandon N. http://www.ncbi.nlm.nih.gov/pubmed/?term=32683660
17. **Mechanism of higher risk for COVID-19 in diabetes: a mask to lift.** Endocrine 2020; Fang C, Huang Y, Guo H ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32705411
18. **Higher body mass index is an important risk factor in COVID-19 patients: a systematic review and meta-analysis.** Environ. Sci. Pollut. Res. Int. 2020; Malik VS, Ravindra K, Attri SV ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32710359
19. **Clinical Management of Diabetes Mellitus in the Era of COVID-19: Practical Issues, Peculiarities and Concerns.** J Clin Med 2020; 9Koliaki C, Tentolouris A, Eleftheriadou I ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32708504
20. **Newly diagnosed diabetes mellitus, DKA and COVID-19: causality or coincidence? - A report of 3 cases.** J Med Virol 2020; Suwanwongse K, Shabarek N. http://www.ncbi.nlm.nih.gov/pubmed/?term=32706395
21. **Corona pandemic: Obesity increases risk of severe course of COVID-19.** MMW-Fortschritte der Medizin 2020; 162:32-33Müssig K.
22. **Obesity is a risk factor for developing critical condition in COVID-19 patients: A systematic review and meta-analysis.** Obes Rev 2020; Foldi M, Farkas N, Kiss S ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32686331
23. **Obesity is a risk factor for developing critical condition in COVID-19 patients: A systematic review and meta-analysis.** Obes Rev 2020; Földi M, Farkas N, Kiss S ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32686331
24. **COVID-19 outbreak and pediatric diabetes: perceptions of health care professionals worldwide.** Pediatr. Diabetes 2020; Elbarbary NS, Dos Santos TJ, de Beaufort C ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32686287
25. **COVID-19 Pandemic-Related Practices and Policies Affecting the Continuity of Behavioral Health Care Among Children With Diabetes.** Transl. Behav. Med. 2020; Clary L, Wang C, Byrne ME, Monaghan M. http://www.ncbi.nlm.nih.gov/pubmed/?term=32710626

Education and training and science (27 articles)

1. **Constraints Lead to Opportunities for Medical Education in Times of COVID-19 Pandemic.** Acta Med Port 2020; Ribeiro JC, Villanueva T, Gi A, Escada P. http://www.ncbi.nlm.nih.gov/pubmed/?term=32705979
2. **Global surgery in the time of COVID-19: A trainee perspective.** Am. J. Surg. 2020; Ganguli S, Yibrehu B, Shah A ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32684291
3. **Research priorities for the COVID-19 pandemic and beyond: A call to action for psychological science.** Br. J. Psychol. 2020:e12468O'Connor DB, Aggleton JP, Chakrabarti B ***et al.***

http://www.ncbi.nlm.nih.gov/pubmed/?term=32683689

4. **Stress and anxiety among university students in France during Covid-19 mandatory confinement.** Compr. Psychiatry 2020; 102:152191Husky MM, Kovess-Masfety V, Swendsen JD. http://www.ncbi.nlm.nih.gov/pubmed/?term=32688023
5. **YouTube as a Source of Medical and Epidemiological Information During COVID-19 Pandemic: A Cross-Sectional Study of Content Across Six Languages Around the Globe.** Cureus 2020; 12:e8622Dutta A, Beriwal N, Van Breugel LM ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32685293
6. **The need to balance basic and clinical research with the safety of the research environment and personnel in the time of COVID-19 in the United States.** Curr. Med. Res. Opin. 2020:1Tang Girdwood SC, Murphy M, Kaplan J. http://www.ncbi.nlm.nih.gov/pubmed/?term=32696688
7. **Strategies to overcome limitations in Otolaryngology residency training during the COVID-19 pandemic.** Eur Arch Otorhinolaryngol 2020; Bandi F, Karligkiotis A, Mellia J ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32705361
8. **Factors Associated with the Perception of Risk and Knowledge of Contracting the SARS-Cov-2 among Adults in Bangladesh: Analysis of Online Surveys.** Int J Environ Res Public Health 2020; 17Abir T, Kalimullah NA, Osuagwu UL ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32708161
9. **The impact of COVID-19 on global disparities in surgical training in pediatric otolaryngology.** Int J Pediatr Otorhinolaryngol 2020; 138:110267Munjal T, Kavanagh KR, Ezzibdeh RM, Valdez TA. http://www.ncbi.nlm.nih.gov/pubmed/?term=32705990
10. **Impact of the COVID-19 pandemic on orthopaedic and trauma surgery training in Europe.** Int. Orthop. 2020; Megaloikonomos PD, Thaler M, Igoumenou VG ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32696334
11. **An analysis of YouTube videos as educational resources for dental practitioners to prevent the spread of COVID-19.** Ir. J. Med. Sci. 2020; Yüce M, Adalı E, Kanmaz B. http://www.ncbi.nlm.nih.gov/pubmed/?term=32700083
12. **Approaching the dermatology residency application process during a pandemic.** J Am Acad Dermatol 2020; Rosman IS, Schadt CR, Samimi SS, Rosenbach M. http://www.ncbi.nlm.nih.gov/pubmed/?term=32702459
13. **Protecting higher education institutions from COVID-19: insights from an Italian experience.** J. Am. Coll. Health 2020:1-2Quattrone F, Borghini A, Emdin M, Nuti S. http://www.ncbi.nlm.nih.gov/pubmed/?term=32701399
14. **An overview of the safety, clinical application and antiviral research of the COVID-19 therapeutics.** J Infect Public Health 2020; Wang D, Li Z, Liu Y. http://www.ncbi.nlm.nih.gov/pubmed/?term=32684351
15. **Perspectives From Rising Fourth Year Medical Students Regarding Strategies to Counteract the Effects of COVID-19 on Medical Education.** J Med Educ Curric Dev 2020; 7:2382120520940659Liesman DR, Pumiglia L, Kemp MT, Alam HB. http://www.ncbi.nlm.nih.gov/pubmed/?term=32704544
16. **The Potential Impact of COVID-19 on the Medical School Application.** J Med Educ Curric Dev 2020; 7:2382120520940666O'Connell RL, Kemp MT, Alam HB. http://www.ncbi.nlm.nih.gov/pubmed/?term=32685689
17. **Breaking Bad News Training in the COVID-19 Era and Beyond.** J Med Educ Curric Dev 2020; 7:2382120520938706Soosaipillai G, Archer S, Ashrafian H, Darzi A. http://www.ncbi.nlm.nih.gov/pubmed/?term=32699822
18. **Impact of COVID-19 on academic activities and way forward in Indian Optometry.** J Optom 2020; Rajhans V, Memon U, Patil V, Goyal A. http://www.ncbi.nlm.nih.gov/pubmed/?term=32703749
19. **Strengthening health care research and academics during and after COVID19 pandemic- an Indian perspective.** J Oral Biol Craniofac Res 2020; 10:343-346Chowdhry A, Kapoor P, Popli DB. http://www.ncbi.nlm.nih.gov/pubmed/?term=32704469
20. **Academic clinical learning environment in obstetrics and gynecology during the COVID-19 pandemic: responses and lessons learned.** J. Perinat. Med. 2020; Olson HL, Towner D, Hiraoka M ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32692706
21. **Disruption to Surgical Training during Covid-19 in the United States, United Kingdom, Canada, and Australasia: A Rapid Review of Impact and Mitigation Efforts.** J Surg Educ 2020; James HK, Pattison GTR. http://www.ncbi.nlm.nih.gov/pubmed/?term=32694085
22. **Rapid Adaptation of a Surgical Research Unit to Conduct Clinical Trials During the COVID-19 Pandemic.** J. Surg. Res. 2020; 256:76-82Emamaullee J, Bowdish M, Yan PY ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32683060
23. **Sustainable Medical Teaching and Learning During the COVID-19 Pandemic: Surviving the New Normal.** Malays. J. Med. Sci. 2020; 27:137-142Yusoff MSB, Hadie SNH, Mohamad I ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32684814
24. **Effect of the COVID-19 pandemic on medical student career perceptions: a national survey study.** Med. Educ. Online 2020; 25:1798088Byrnes YM, Civantos AM, Go BC ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32706306
25. **The impact and reach of the MJA in a year of living dangerously.** Med. J. Aust. 2020; 213:70-71Talley Ac NJ. http://www.ncbi.nlm.nih.gov/pubmed/?term=32683759
26. **Investing in Operational Research Capacity Building for Front-Line Health Workers Strengthens Countries' Resilience to Tackling the COVID-19 Pandemic.** Trop Med Infect Dis 2020; 5Zachariah R, Dar Berger S, Thekkur P ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32708821
27. **By the Numbers Analysis of COVID-19's Effect on a Neurosurgical Residency at the Epicenter.** World Neurosurg 2020; Rothrock RJ, Maragkos GA, Schupper AJ ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32688039

Elderly (18 articles)

1. **Population-based Estimates for High Risk of Severe COVID-19 Disease due to Age and Underlying Health Conditions.** Acta Med Port 2020; Laires PA, Nunes C. http://www.ncbi.nlm.nih.gov/pubmed/?term=32707029
2. **COVID-19 and associations with frailty and multimorbidity: a prospective analysis of UK Biobank participants.** Aging Clin. Exp. Res. 2020; Woolford SJ, D'Angelo S, Curtis EM ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32705587

3. **Grief and the COVID-19 Pandemic in Older Adults.** Am J Geriatr Psychiatry 2020; Goveas JS, Shear MK. http://www.ncbi.nlm.nih.gov/pubmed/?term=32709542
4. **Experiences of American Older Adults with Pre-existing Depression During the Beginnings of the COVID-19 Pandemic: A Multicity, Mixed-Methods Study.** Am J Geriatr Psychiatry 2020; Hamm ME, Brown PJ, Karp JF ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32682619
5. **Clinical characteristics of 312 hospitalized older patients with COVID-19 in Wuhan, China.** Arch. Gerontol. Geriatr. 2020; 91:104185Li T, Lu L, Zhang W ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32688107
6. **Lessons from Mass-Testing for COVID-19 in Long Term Care Facilities for the Elderly in San Francisco.** Clin Infect Dis 2020; Louie JK, Scott HM, DuBois A ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32687150
7. **The key role of zinc in elderly immunity: A possible approach in the COVID-19 crisis.** Clin Nutr ESPEN 2020; 38:65-66de Almeida Brasiel PG. http://www.ncbi.nlm.nih.gov/pubmed/?term=32690179
8. **Outcomes from COVID-19 across the range of frailty: excess mortality in fitter older people.** Eur. Geriatr. Med. 2020; Miles A, Webb TE, McLoughlin BC ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32683576
9. **Impact of dementia on clinical outcomes in elderly patients with coronavirus 2019 (COVID-19): an experience in New York.** Geriatr Gerontol Int 2020; 20:732-734Miyashita S, Yamada T, Mikami T ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32691924
10. **Rural America's Hospitals are Not Prepared to Protect Older Adults From a Surge in COVID-19 Cases.** Gerontol Geriatr Med 2020; 6:2333721420936168Davoodi NM, Healy M, Goldberg EM. http://www.ncbi.nlm.nih.gov/pubmed/?term=32685610
11. **Prisons and COVID-19: A Desperate Call for Gerontological Expertise in Correctional Healthcare.** Gerontologist 2020; Prost SG, Novisky MA, Rorvig L ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32706885
12. **Risk Interactions of Coronavirus Infection across Age Groups after the Peak of COVID-19 Epidemic.** Int J Environ Res Public Health 2020; 17Yu X. http://www.ncbi.nlm.nih.gov/pubmed/?term=32708118
13. **Supporting the Medically Fragile: Individualized Approach to Empowering Young Adults With Chronic Disease During the Coronavirus Disease 2019 Pandemic.** J. Adolesc. Health 2020; Langmaid L, Ratner L, Huysman C ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32684437
14. **Older Adults' Intention to Socially Isolate Once COVID-19 Stay-at-Home Orders Are Replaced With "Safer-at-Home" Public Health Advisories: A Survey of Respondents in Maryland.** J. Appl. Gerontol. 2020:733464820944704Callow MA, Callow DD, Smith C. http://www.ncbi.nlm.nih.gov/pubmed/?term=32697126
15. **Adapting care for older cancer patients during the COVID-19 pandemic: Recommendations from the International Society of Geriatric Oncology (SIOG) COVID-19 Working Group.** J. Geriatr. Oncol. 2020; Battisti NML, Mislang AR, Cooper L ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32709495
16. **Nosocomial COVID-19 infection: examining the risk of mortality. The COPE-Nosocomial study (COVID in Older PEople).** J Hosp Infect 2020; Carter B, Collins JT, Barlow-Pay F ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32702463
17. **Clinical characteristics of coronavirus disease 2019 in patients aged 80 years and older.** J Integr Med 2020; Dang JZ, Zhu GY, Yang YJ, Zheng F. http://www.ncbi.nlm.nih.gov/pubmed/?term=32690444
18. **Age-Dependent Progression of SARS-CoV-2 Infection in Syrian Hamsters.** Viruses 2020; 12Osterrieder N, Bertzbach LD, Dietert K ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32698441

Epidemiology 81 articles)

1. **Population-based Estimates for High Risk of Severe COVID-19 Disease due to Age and Underlying Health Conditions.** Acta Med Port 2020; Laires PA, Nunes C. http://www.ncbi.nlm.nih.gov/pubmed/?term=32707029
2. **The catch-22 of the COVID-19 "lockdown".** Adv Respir Med 2020; 88:285-286Malhotra N, Kunal S. http://www.ncbi.nlm.nih.gov/pubmed/?term=32706114
3. **Stopping the SARS-CoV-2 surge in the USA-CDC recommendations and ground realities.** Adv Respir Med 2020; 88:173-175Singh H, Popli T. http://www.ncbi.nlm.nih.gov/pubmed/?term=32706099
4. **COVID-19 crisis, safe reopening of simulation centres and the new normal: food for thought.** Adv Simul (Lond) 2020; 5:13Ingrassia PL, Capogna G, Diaz-Navarro C ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32690997
5. **Multivariate Analysis of Black Race and Environmental Temperature on COVID-19 in the US.** Am. J. Med. Sci. 2020; Li AY, Hannah TC, Durbin JR ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32709397
6. **Lessons Learned and Experiences Shared From the Front Lines: United Kingdom.** Am. Surg. 2020; 86:585-590Wexner SD, Cortés-Guiral D, Mortensen N, Darzi A. http://www.ncbi.nlm.nih.gov/pubmed/?term=32683963
7. **Changes in the spatial distribution of COVID-19 incidence in Italy using GIS-based maps.** Ann. Clin. Microbiol. Antimicrob. 2020; 19:30Martellucci CA, Sah R, Rabaan AA ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32682420
8. **Lessons learned: Commentary on patient harm related to COVID-19 prevention policies at a rural academic tertiary care facility.** Ann Med Surg (Lond) 2020; 57:20-21Mittal A, Chapman KD, Forte M, Al-Jaroushi H. http://www.ncbi.nlm.nih.gov/pubmed/?term=32690992
9. **The significance of case detection ratios for predictions on the outcome of an epidemic - a message from mathematical modelers.** Arch Public Health 2020; 78:63Fuhrmann J, Barbarossa MV. http://www.ncbi.nlm.nih.gov/pubmed/?term=32685147
10. **Delaying the COVID-19 epidemic in Australia: evaluating the effectiveness of international travel bans.** Aust. N. Z. J. Public Health 2020; Adekunle A, Meehan M, Rojas-Alvarez D ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32697418
11. **Basic epidemiological parameter values from data of real-world in mega-cities: the characteristics of COVID-19 in Beijing, China.** BMC Infect. Dis. 2020; 20:526Wang X, Pan Y, Zhang D ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32689956
12. **Simulating the effect of school closure during COVID-19 outbreaks in Ontario, Canada.** BMC Med 2020; 18:230Abdollahi E, Haworth-Brockman M, Keynan Y ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?

term=32709232
13. **SEIR model for COVID-19 dynamics incorporating the environment and social distancing.** BMC Res. Notes 2020; 13:352Mwalili S, Kimathi M, Ojiambo V ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32703315
14. **Tracking Changes in SARS-CoV-2 Spike: Evidence that D614G Increases Infectivity of the COVID-19 Virus.** Cell 2020; Korber B, Fischer WM, Gnanakaran S ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32697968
15. **Mitigation of a COVID-19 Outbreak in a Nursing Home Through Serial Testing of Residents and Staff.** Clin Infect Dis 2020; Escobar DJ, Lanzi M, Saberi P ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32687198
16. **Implications of test characteristics and population seroprevalence on 'immune passport' strategies.** Clin Infect Dis 2020; Larremore DB, Bubar KM, Grad YH. http://www.ncbi.nlm.nih.gov/pubmed/?term=32687149
17. **Lessons from Mass-Testing for COVID-19 in Long Term Care Facilities for the Elderly in San Francisco.** Clin Infect Dis 2020; Louie JK, Scott HM, DuBois A ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32687150
18. **Low prevalence of active COVID-19 in Slovenia: a nationwide population study on a probability-based sample.** Clin Microbiol Infect 2020; Vodicar PM, Valencak AO, Zupan B ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32688068
19. **Low prevalence of active COVID-19 in Slovenia: a nationwide population study on a probability-based sample.** Clin Microbiol Infect 2020; Vodičar PM, Valenčak AO, Zupan B ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32688068
20. **Epidemiological and Clinical Features of SARS-CoV-2: A Retrospective Study from East Karachi, Pakistan.** Cureus 2020; 12:e8679Tahir S, Tahir SA, Bin Arif T ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32699679
21. **Data-driven modelling and prediction of COVID-19 infection in India and correlation analysis of the virus transmission with socio-economic factors.** Diabetes Metab Syndr 2020; 14:1231-1240Kumar A, Rani P, Kumar R ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32683321
22. **Impact of Social Distancing Measures on Coronavirus Disease Healthcare Demand, Central Texas, USA.** Emerg Infect Dis 2020; 26Wang X, Pasco RF, Du Z ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32692648
23. **The effect of latitude and PM2.5 on spreading of SARS-CoV-2 in tropical and temperate zone countries.** Environ Pollut 2020; 266:115176Chennakesavulu K, Reddy GR. http://www.ncbi.nlm.nih.gov/pubmed/?term=32683090
24. **Epidemiological and clinical course of 483 patients with COVID-19 in Wuhan, China: a single-center, retrospective study from the mobile cabin hospital.** Eur J Clin Microbiol Infect Dis 2020; Wang B, Wang Z, Zhao J ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32683596
25. **Italian Vò municipality cohort and COVID-19 epidemiology: The "Framingham" study of the 21(st) century.** Eur J Intern Med 2020; Zuin M, Bilato C, Zuliani G, Roncon L. http://www.ncbi.nlm.nih.gov/pubmed/?term=32709547
26. **SARS-CoV-2 IgG seroprevalence in blood donors located in three different federal states, Germany, March to June 2020.** Euro Surveill 2020; 25Fischer B, Knabbe C, Vollmer T. http://www.ncbi.nlm.nih.gov/pubmed/?term=32700672
27. **Prisons and COVID-19: A Desperate Call for Gerontological Expertise in Correctional Healthcare.** Gerontologist 2020; Prost SG, Novisky MA, Rorvig L ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32706885
28. **Factors Influencing Global Variations in COVID-19 Cases and Fatalities; A Review.** Healthcare (Basel) 2020; 8Abu Hammad O, Alnazzawi A, Borzangy SS ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32708986
29. **Impact of COVID-19 Second Wave on Healthcare Workers Staffing Levels.** Infect Control Hosp Epidemiol 2020:1-5Abuown A, Taube C, Koizia LJ. http://www.ncbi.nlm.nih.gov/pubmed/?term=32693865
30. **Bidirectional impact of imperfect mask use on reproduction number of COVID-19: A next generation matrix approach.** Infect Dis Model 2020; 5:405-408Fisman DN, Greer AL, Tuite AR. http://www.ncbi.nlm.nih.gov/pubmed/?term=32691014
31. **Why lockdown? Why national unity? Why global solidarity? Simplified arithmetic tools for decision-makers, health professionals, journalists and the general public to explore containment options for the 2019 novel coronavirus.** Infect Dis Model 2020; 5:442-458Killeen GF, Kiware SS. http://www.ncbi.nlm.nih.gov/pubmed/?term=32691016
32. **Mathematical modelling on phase based transmissibility of Coronavirus.** Infect Dis Model 2020; 5:375-385Krishna MV, Prakash J. http://www.ncbi.nlm.nih.gov/pubmed/?term=32695940
33. **Using statistics and mathematical modelling to understand infectious disease outbreaks: COVID-19 as an example.** Infect Dis Model 2020; 5:409-441Overton CE, Stage HB, Ahmad S ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32691015
34. **Biological, clinical and epidemiological features of COVID-19, SARS and MERS and AutoDock simulation of ACE2.** Infect Dis Poverty 2020; 9:99Zhang XY, Huang HJ, Zhuang DL ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32690096
35. **Factors Associated with the Perception of Risk and Knowledge of Contracting the SARS-Cov-2 among Adults in Bangladesh: Analysis of Online Surveys.** Int J Environ Res Public Health 2020; 17Abir T, Kalimullah NA, Osuagwu UL ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32708161
36. **Demographic and Comorbidities Data Description of Population in Mexico with SARS-CoV-2 Infected Patients(COVID19): An Online Tool Analysis.** Int J Environ Res Public Health 2020; 17Galván-Tejada CE, Zanella-Calzada LA, Villagrana-Bañuelos KE ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32709027
37. **Moving Average Based Index for Judging the Peak of the COVID-19 Epidemic.** Int J Environ Res Public Health 2020; 17He Y, Wang X, He H ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32708007
38. **Would the United States Have Had Too Few Beds for Universal Emergency Care in the Event of a More Widespread Covid-19 Epidemic?** Int J Environ Res Public Health 2020; 17Jones RP. http://www.ncbi.nlm.nih.gov/pubmed/?term=32707674
39. **A Clustering Approach to Classify Italian Regions and Provinces Based on Prevalence and Trend of SARS-CoV-2 Cases.** Int J Environ Res Public Health 2020; 17Maugeri A, Barchitta M, Agodi A.

http://www.ncbi.nlm.nih.gov/pubmed/?term=32707989
40. **Why is Pakistan vulnerable to COVID-19 associated morbidity and mortality? A scoping review.** Int. J. Health Plann. Manage. 2020; Atif M, Malik I. http://www.ncbi.nlm.nih.gov/pubmed/?term=32700410
41. **Epidemiological and Clinical Characteristics of Coronavirus Disease 2019 in Daegu, South Korea.** Int J Infect Dis 2020; Lee JY, Hong SW, Hyun M ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32702415
42. **COVID-19 Pandemic in Nigeria: Palliative Measures and the Politics of Vulnerability.** Int J MCH AIDS 2020; 9:220-222Eranga IO. http://www.ncbi.nlm.nih.gov/pubmed/?term=32685279
43. **Estimation of the Hidden Population with COVID-19 Disease.** Int J MCH AIDS 2020; 9:217-219Soltanian AR, Bashirian S, Basti SA ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32704408
44. **The COVID-19 Pandemic: Does Our Early Life Environment, Life Trajectory and Socioeconomic Status Determine Disease Susceptibility and Severity?** Int J Mol Sci 2020; 21Holuka C, Merz MP, Fernandes SB ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32707661
45. **What Does Adolescent Substance Use Look Like During the COVID-19 Pandemic? Examining Changes in Frequency, Social Contexts, and Pandemic-Related Predictors.** J. Adolesc. Health 2020; Dumas TM, Ellis W, Litt DM. http://www.ncbi.nlm.nih.gov/pubmed/?term=32693983
46. **Older Adults' Intention to Socially Isolate Once COVID-19 Stay-at-Home Orders Are Replaced With "Safer-at-Home" Public Health Advisories: A Survey of Respondents in Maryland.** J. Appl. Gerontol. 2020:733464820944704Callow MA, Callow DD, Smith C. http://www.ncbi.nlm.nih.gov/pubmed/?term=32697126
47. **Geographic components of SARS-CoV-2 expansion: a hypothesis.** J Appl Physiol (1985) 2020; Joyce KE, Weaver SR, Lucas SJE. http://www.ncbi.nlm.nih.gov/pubmed/?term=32702272
48. **Clock genes may drive seasonal variation in SARS-CoV-2 infectivity: are we due for a second wave of COVID-19 in the fall?** J Biol Regul Homeost Agents 2020; 34Goren A, Wambier CG, McCoy J ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32700513
49. **Lessons learnt from COVID 19: An Italian multicentric epidemiological study of orthopaedic and trauma services.** J Clin Orthop Trauma 2020; 11:721-727Giuntoli M, Bonicoli E, Bugelli G ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32684717
50. **Lockdown is an effective 'vaccine' against COVID-19: A message from India.** J Infect Dev Ctries 2020; 14:545-546Krishan K, Kanchan T. http://www.ncbi.nlm.nih.gov/pubmed/?term=32683342
51. **Global seasonality of human seasonal coronaviruses: a clue for post-pandemic circulating season of SARS-CoV-2 virus?** J Infect Dis 2020; Li Y, Wang X, Nair H. http://www.ncbi.nlm.nih.gov/pubmed/?term=32691843
52. **Unique challenges to control the spread of COVID-19 in the Middle East.** J Infect Public Health 2020; Baloch Z, Ma Z, Ji Y ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32690454
53. **Outcomes of universal SARS-CoV-2 testing program in pregnant women admitted to hospital and the adjuvant role of lung ultrasound in screening: A prospective cohort study.** J Matern Fetal Neonatal Med 2020:1-22Yassa M, Yirmibes C, Cavusoglu G ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32691641
54. **Reconciling early-outbreak estimates of the basic reproductive number and its uncertainty: framework and applications to the novel coronavirus (SARS-CoV-2) outbreak.** J R Soc Interface 2020; 17:20200144Park SW, Bolker BM, Champredon D ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32693748
55. **Geolocated Twitter social media data to describe the geographic spread of SARS-CoV-2.** J Travel Med 2020; Bisanzio D, Kraemer MUG, Brewer T ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32701135
56. **Serial Interval Distribution of SARS-CoV-2 Infection in Brazil.** J Travel Med 2020; Prete CA, Buss L, Dighe A ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32710618
57. **SARS-CoV-2 Titers in Wastewater Are Higher than Expected from Clinically Confirmed Cases.** mSystems 2020; 5Wu F, Zhang J, Xiao A ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32694130
58. **Willingness to Seek Diagnostic Testing for SARS-CoV-2 With Home, Drive-through, and Clinic-Based Specimen Collection Locations.** Open Forum Infect Dis 2020; 7:ofaa269Siegler AJ, Hall E, Luisi N ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32704517
59. **European and United Kingdom COVID-19 pandemic experience: The same but different.** Paediatr. Respir. Rev. 2020; Carroll WD, Strenger V, Eber E ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32709461
60. **Consequences of physical distancing emanating from the COVID-19 pandemic: An Australian perspective.** Paediatr. Respir. Rev. 2020; Fitzgerald DA, Nunn K, Isaacs D. http://www.ncbi.nlm.nih.gov/pubmed/?term=32690355
61. **Role of modelling in COVID-19 policy development.** Paediatr. Respir. Rev. 2020; McBryde ES, Meehan MT, Adegboye OA ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32690354
62. **What we may learn - and need - from pandemic fiction.** Philos. Ethics Humanit. Med. 2020; 15:4Doherty J, Giordano J. http://www.ncbi.nlm.nih.gov/pubmed/?term=32690053
63. **Why COVID-19 models should incorporate the network of social interactions.** Phys. Biol. 2020; Herrmann HA, Schwartz JM. http://www.ncbi.nlm.nih.gov/pubmed/?term=32702678
64. **Screening testing for SARS-CoV-2 upon admission to rehabilitation hospitals in a high COVID-19 prevalence community.** Pm r 2020; Kirshblum SC, DeLauter G, Lopreiato MC ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32700434
65. **COVID-19: Transmission in the incubation period.** Pneumologie 2020; 74:321-322Krome S.
66. Pneumologie 2020; 74:315Schaberg T, Ewig S.
67. **Modeling the effect of area deprivation on COVID-19 incidences: a study of Chennai megacity, India.** Public Health 2020; 185:266-269Das A, Ghosh S, Das K ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32707468
68. **Perfecting detection through education.** Radiography (Lond) 2020; Suleiman ME, Rickard M, Brennan PC. http://www.ncbi.nlm.nih.gov/pubmed/?term=32698948
69. **Evolution of effective serial interval of SARS-CoV-2 by non-pharmaceutical interventions.** Res Sq 2020; Ali ST, Wang L, Lau EHY ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32702717
70. **State-level impact of social distancing and testing on COVID-19 in the United States.** Res Sq 2020; Chiu WA, Fischer R, Ndeffo-Mbah ML. http://www.ncbi.nlm.nih.gov/pubmed/?term=32702727

71. **SARS-CoV-2 in the environment: Modes of transmission, early detection and potential role of pollutions.** Sci Total Environ 2020; 744:140946Al Huraimel K, Alhosani M, Kunhabdulla S, Stietiya MH. http://www.ncbi.nlm.nih.gov/pubmed/?term=32687997
72. **The spread of 2019-nCoV in China was primarily driven by population density. Comment on "Association between short-term exposure to air pollution and COVID-19 infection: Evidence from China" by Zhu et al.** Sci Total Environ 2020; 744:141028Copiello S, Grillenzoni C. http://www.ncbi.nlm.nih.gov/pubmed/?term=32711328
73. **Effect of meteorological parameters on spread of COVID-19 in India and air quality during lockdown.** Sci Total Environ 2020; 745:141021Kumar S. http://www.ncbi.nlm.nih.gov/pubmed/?term=32702548
74. **Containing the spread of coronavirus disease 2019 (COVID-19): Meteorological factors and control strategies.** Sci Total Environ 2020; 744:140935Lin J, Huang W, Wen M ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32688005
75. **Effect of lockdown due to SARS COVID-19 on aerosol optical depth (AOD) over urban and mining regions in India.** Sci Total Environ 2020; 745:141024Ranjan AK, Patra AK, Gorai AK. http://www.ncbi.nlm.nih.gov/pubmed/?term=32711073
76. **Spatial and temporal differentiation of COVID-19 epidemic spread in mainland China and its influencing factors.** Sci Total Environ 2020; 744:140929Xie Z, Qin Y, Li Y ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32687995
77. **Risk factors associated with occurrence of COVID-19 among household persons exposed to patients with confirmed COVID-19 in Qingdao Municipal, China.** Transbound Emerg Dis 2020; Xin H, Jiang F, Xue A ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32688447
78. **COVID-19 experience of the major pandemic response center in the capital: Results of the pandemic's first month in Turkey.** Turk J Med Sci 2020; Guner R, Hasanoglu I, Kayaaslan B ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32682358
79. **'Containment, delay, mitigation': waiting and care in the time of a pandemic.** Wellcome Open Res 2020; 5:129Baraitser L, Salisbury L. http://www.ncbi.nlm.nih.gov/pubmed/?term=32704549
80. **Estimating the overdispersion in COVID-19 transmission using outbreak sizes outside China.** Wellcome Open Res 2020; 5:67Endo A, Abbott S, Kucharski AJ, Funk S. http://www.ncbi.nlm.nih.gov/pubmed/?term=32685698
81. **The contribution of pre-symptomatic infection to the transmission dynamics of COVID-2019.** Wellcome Open Res 2020; 5:58Liu Y, Funk S, Flasche S. http://www.ncbi.nlm.nih.gov/pubmed/?term=32685697

Management (64 articles)

1. **[Human Resources for Intensive Care Medicine in Portugal in the Post-COVID Era].** Acta Med Port 2020; Martins P. http://www.ncbi.nlm.nih.gov/pubmed/?term=32705980
2. **Treatment of acute respiratory failure in the course of COVID-19. Practical hints from the expert panel of the Assembly of Intensive Care and Rehabilitation of the Polish Respiratory Society.** Adv Respir Med 2020; 88:245-266Czajkowska-Malinowska M, Kania A, Kuca PJ ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32706108
3. **The authors' response: Propofol in COVID 19: From basic science to clinical impact.** Am J Emerg Med 2020; Soh M, Hifumi T, Isokawa S ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32690223
4. **Palliative Care During COVID-19: Data and Visits From Loved Ones.** Am. J. Hosp. Palliat. Care 2020:1049909120943577Heath L, Yates S, Carey M, Miller M. http://www.ncbi.nlm.nih.gov/pubmed/?term=32705889
5. **The Coronavirus Pandemic: Experience From a Rural West Virginia Tertiary Care Hospital.** Am. Surg. 2020; 86:611-614Richmond BK. http://www.ncbi.nlm.nih.gov/pubmed/?term=32683967
6. **US Rural Surgeon Responses to the COVID-19 Pandemic: Leadership in a Time of Crisis.** Am. Surg. 2020; 86:602-610Sarap M, Conyers J, Cunningham C ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32683965
7. **Lessons Learned and Experiences Shared From the Front Lines: United Kingdom.** Am. Surg. 2020; 86:585-590Wexner SD, Cortes-Guiral D, Mortensen N, Darzi A. http://www.ncbi.nlm.nih.gov/pubmed/?term=32683963
8. **Lessons Learned and Experiences Shared From the Front Lines: United Kingdom.** Am. Surg. 2020; 86:585-590Wexner SD, Cortés-Guiral D, Mortensen N, Darzi A. http://www.ncbi.nlm.nih.gov/pubmed/?term=32683963
9. **Clinical characteristics and treatment of critically ill patients with COVID-19 in Hebei.** Ann Palliat Med 2020; Chen Y, Zhang K, Zhu G ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32692230
10. **Clinical outcome of standardized oxygen therapy nursing strategy in COVID-19.** Ann Palliat Med 2020; Pan W, Li J, Ou Y ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32692228
11. **American College of Rheumatology Guidance for the Management of Children with Pediatric Rheumatic Disease During the COVID-19 Pandemic: Version 1.** Arthritis Rheumatol 2020; Wahezi DM, Lo MS, Rubinstein TB ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32705780
12. **Nutrition management for critically and acutely unwell hospitalised patients with coronavirus disease 2019 (COVID-19) in Australia and New Zealand.** Aust. Crit. Care 2020; Chapple LS, Fetterplace K, Asrani V ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32682671
13. **Opening Pandora's box: surgical tracheostomy in mechanically ventilated COVID-19 patients.** Br J Anaesth 2020; El-Wajeh Y, Varley I, Raithatha A ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32709307
14. **Interdependence between elevated intra-abdominal, pleural, and airway opening pressure in severe acute respiratory distress syndrome with extracorporeal membrane oxygenation.** Br J Anaesth 2020; Mauri T, Spinelli E, Caccioppola A ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32682550
15. **THE RATIONALE FOR A MULTI-STEP THERAPEUTIC APPROACH BASED ON ANTIVIRALS, DRUGS, AND NUTRIENTS WITH IMMUNOMODULATORY ACTIVITY IN PATIENTS WITH CORONAVIRUS-SARS2-INDUCED DISEASE OF DIFFERENT SEVERITY.** Br. J. Nutr. 2020:1-37Fiorino S, Zippi M, Gallo C ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32703328
16. **The severe COVID-19: A sepsis induced by viral infection? and its immunomodulatory therapy.** Chin. J. Traumatol. 2020; Lin HY. http://www.ncbi.nlm.nih.gov/pubmed/?term=32690231

17. **Micronutrients as immunomodulatory tools for COVID-19 management.** Clin Immunol 2020:108545Gasmi A, Tippairote T, Mujawdiya PK ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32710937
18. **The syndrome of inappropriate antidiuresis in COVID-19 pneumonia: report of two cases.** Clin Kidney J 2020; 13:461-462Ravioli S, Niebuhr N, Ruchti C ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32695328
19. **The key role of zinc in elderly immunity: A possible approach in the COVID-19 crisis.** Clin Nutr ESPEN 2020; 38:65-66de Almeida Brasiel PG. http://www.ncbi.nlm.nih.gov/pubmed/?term=32690179
20. **Home medical nutrition during SARS-CoV-2 pandemic - A position paper.** Clin Nutr ESPEN 2020; 38:196-200Matras P, Klek S, Folwarski M ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32690158
21. **Nebulised heparin as a treatment for COVID-19: scientific rationale and a call for randomised evidence.** Crit Care 2020; 24:454van Haren FMP, Page C, Laffey JG ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32698853
22. **Extracorporeal Membrane Oxygenation Support in a Young Patient With COVID-19 Infection.** Cureus 2020; 12:e8694Lima G, Cardoso E, Paredes MC. http://www.ncbi.nlm.nih.gov/pubmed/?term=32699691
23. **Current Trends and Future Approaches in Small-Molecule Therapeutics for COVID-19.** Curr Med Chem 2020; Laws M, Surani YM, Hasan MM ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32693756
24. **Pros and cons for use of statins in people with coronavirus disease-19 (COVID-19).** Diabetes Metab Syndr 2020; 14:1225-1229Subir R, Jagat JM, Kalyan KG. http://www.ncbi.nlm.nih.gov/pubmed/?term=32683320
25. **Hypercoagulable state in COVID-19 with diabetes mellitus and obesity: Is therapeutic-dose or higher-dose anticoagulant thromboprophylaxis necessary?** Diabetes Metab Syndr 2020; 14:1241-1242Wijaya I, Andhika R, Huang I. http://www.ncbi.nlm.nih.gov/pubmed/?term=32683322
26. **Why change? Lessons in leadership from the COVID-19 pandemic.** Eur J Cardiothorac Surg 2020; Ahlsson A. http://www.ncbi.nlm.nih.gov/pubmed/?term=32688379
27. **Integrative role of traditional and modern technologies to combat COVID-19.** Expert Rev. Anti Infect. Ther. 2020; Heiat M, Hashemi-Aghdam MR, Heiat F ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32703036
28. **Pharmacotherapeutic considerations for the management of cardiovascular diseases among hospitalized COVID-19 patients.** Expert Rev. Cardiovasc. Ther. 2020; Kow CS, Thiruchelvam K, Hasan SS. http://www.ncbi.nlm.nih.gov/pubmed/?term=32700573
29. **An integrated and intergenerational community response to promote holistic wellbeing during the COVID-19 pandemic.** Explore (NY) 2020; Bhagra O, Patel SR, Chon TY. http://www.ncbi.nlm.nih.gov/pubmed/?term=32690384
30. **Better preventing and mitigating the effects of Covid-19.** Future Sci OA 2020; 6:Fso586Maguire G. http://www.ncbi.nlm.nih.gov/pubmed/?term=32685190
31. **Preparing for COVID-19: The experiences of a long-term care facility in Taiwan.** Geriatr Gerontol Int 2020; 20:734-735Chen CR, Huang HC, Huang HC, Chen W. http://www.ncbi.nlm.nih.gov/pubmed/?term=32691923
32. **Working Upstream in Advance Care Planning in Pandemic Palliative Care.** Health Secur 2020; Zaurova M, Krouss M, Israilov S ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32706629
33. **Getting the COVID-19 pandemic into perspective: a nursing imperative.** Int Nurs Rev 2020; McDonald T. http://www.ncbi.nlm.nih.gov/pubmed/?term=32700379
34. **Preparing for the SARS-CoV-2 pandemic: creation and implementation of new recommendations.** J. Anesth. 2020; Conrad D, Hoffmann P, Berwanger U ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32691227
35. **Use of distinct anti-hypertensive drugs and risk for COVID-19 among hypertensive people: a population-based cohort study in Southern Catalonia, Spain.** J. Clin. Hypertens. (Greenwich) 2020; Vila-Corcoles A, Satue-Gracia E, Ochoa-Gondar O ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32710674
36. **The effectiveness of supervisor support in lessening perceived uncertainties and emotional exhaustion of university employees during the COVID-19 crisis: the constraining role of organizational intransigence.** J. Gen. Psychol. 2020:1-20Charoensukmongkol P, Phungsoonthorn T. http://www.ncbi.nlm.nih.gov/pubmed/?term=32691689
37. **A Case Report of Tracheostomy for a Patient with COVID-19: How to Minimize Medical Staff and Patient Risks.** J Korean Med Sci 2020; 35:e263Youn SH, Baek SY, Yoon J ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32686375
38. **How COVID-19 Is Testing and Evolving Our Communication Skills.** J Med Imaging Radiat Sci 2020; Julka-Anderson N. http://www.ncbi.nlm.nih.gov/pubmed/?term=32709543
39. **Efficacy of ACEIs/ARBs versus CCBs on the progression of COVID-19 patients with hypertension in Wuhan: A hospital-based retrospective cohort study.** J Med Virol 2020; Liu X, Liu Y, Chen K ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32687223
40. **Hemorrhagic stroke and anticoagulation in COVID-19.** J. Stroke Cerebrovasc. Dis. 2020; 29:104984Dogra S, Jain R, Cao M ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32689588
41. **Fibrinolysis and COVID-19: a tale of two sites?** J Thromb Haemost 2020; Keragala CB, Medcalf RL, Myles PS. http://www.ncbi.nlm.nih.gov/pubmed/?term=32692877
42. **The hazard of (sub)therapeutic doses of anticoagulants in non-critically ill patients with Covid-19: the Padua province experience.** J Thromb Haemost 2020; Pesavento R, Ceccato D, Pasquetto G ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32692874
43. **Thromboprophylaxis: balancing evidence and experience during the COVID-19 pandemic.** J. Thromb. Thrombolysis 2020; Marchandot B, Trimaille A, Curtiaud A ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32696172
44. **Impact of COVID-19 Within a Midwestern General Surgery Residency.** Kans J Med 2020; 13:194Brungardt JG, Schropp KP, Mammen JMV. http://www.ncbi.nlm.nih.gov/pubmed/?term=32695265
45. **Can Dietary Fatty Acids Affect the COVID-19 Infection Outcome in Vulnerable Populations?** mBio 2020; 11Onishi JC, Häggblom MM, Shapses SA. http://www.ncbi.nlm.nih.gov/pubmed/?term=32703911
46. **First Nations peoples leading the way in COVID-19 pandemic planning, response and management.** Med. J. Aust. 2020; Crooks K, Casey D, Ward JS. http://www.ncbi.nlm.nih.gov/pubmed/?term=32691433
47. **Effect of Powered Air-Purifying Respirators on Speech Recognition Among Health Care Workers.** Otolaryngol Head Neck Surg 2020:194599820945685Kempfle JS, Panda A, Hottin M ***et al.***

http://www.ncbi.nlm.nih.gov/pubmed/?term=32689877

48. **Systems-Focused Simulation to Prepare for COVID-19 Intraoperative Emergencies.** Paediatr Anaesth 2020; Daly Guris RJ, Elliott EM, Doshi A ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32683765
49. **Prone Positioning of Patients With Acute Respiratory Distress Syndrome Related to COVID-19: A Rehabilitation-Based Prone Team.** Phys Ther 2020; Ng JA, Miccile LA, Iracheta C ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32691056
50. **Legal Issues of Resource Allocation in the COVID-19 Pandemic: Between Utilitarianism and Life Value Indifference.** Pneumologie 2020; 74:366-370Hübner J, Schewe DM, Katalinic A, Frielitz FS.
51. **Use of External Ventilator Control Panel for Mechanical Ventilation in Patients with Severe SARS-CoV-2 Infection.** QJM 2020; Austin A, Pezzano C, Lydon D, Chopra A. http://www.ncbi.nlm.nih.gov/pubmed/?term=32692813
52. **Antiviral anticoagulation.** Res Pract Thromb Haemost 2020; 4:774-788Pryzdial ELG, Sutherland MR, Lin BH, Horwitz M. http://www.ncbi.nlm.nih.gov/pubmed/?term=32685886
53. **Respiratory support in patients with COVID-19 (outside intensive care unit). A position paper of the Respiratory Support and Chronic Care Group of the French Society of Respiratory Diseases.** Respir Med Res 2020; 78:100768Rabec C, Gonzalez-Bermejo J. http://www.ncbi.nlm.nih.gov/pubmed/?term=32707480
54. **Impact of pandemic COVID-19 outbreak on oral mucositis preventive and treatment protocols: new perspectives for extraoral photobiomodulation therapy.** Support. Care Cancer 2020; Faria KM, Gomes-Silva W, Kauark-Fontes E ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32696245
55. **SARS-CoV-2: the endocrinological protective clinical model derived from patients with prostate cancer.** Ther. Adv. Endocrinol. Metab. 2020; 11:2042018820942385La Vignera S, Cannarella R, Condorelli RA ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32699587
56. **Management of immunosuppression in kidney transplant recipients with COVID-19 pneumonia: A summary of 41 confirmed cases reported worldwide.** Transpl Infect Dis 2020:e13425Hu Q, Zhong Z, Xiong Y ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32702153
57. **Kidney Transplant Recipients Infected By COVID-19: Review of the Initial Published Experience.** Transpl Infect Dis 2020:e13426Moris D, Kesseli SJ, Barbas AS. http://www.ncbi.nlm.nih.gov/pubmed/?term=32702150
58. **Influence of Immunosuppression on Seroconversion Against SARS-Cov-2 in Two Kidney Transplant Recipients.** Transpl Infect Dis 2020:e13423Wang AX, Quintero Cardona O, Ho DY ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32701196
59. **Efficacy of local budesonide therapy in the management of persistent hyposmia in COVID-19 patients without signs of severity: A structured summary of a study protocol for a randomised controlled trial.** Trials 2020; 21:666Daval M, Corré A, Palpacuer C ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32690074
60. **Investing in Operational Research Capacity Building for Front-Line Health Workers Strengthens Countries' Resilience to Tackling the COVID-19 Pandemic.** Trop Med Infect Dis 2020; 5Zachariah R, Dar Berger S, Thekkur P ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32708821
61. **COVID-19 experience of the major pandemic response center in the capital: Results of the pandemic's first month in Turkey.** Turk J Med Sci 2020; Güner R, Hasanoğlu İ, Kayaaslan B ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32682358
62. **COVID-19 experience of the major pandemic response center in the capital: Results of the pandemic's first month in Turkey.** Turk J Med Sci 2020; HR GU, HasanoGlu I, Kayaaslan B ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32682358
63. **The use of hydroxychloroquine plus azithromycin and early hospital admission are beneficial in Covid-19 patients: Turkey experience with real-life data.** Turk J Med Sci 2020; Tanriverdİ E, ÇÖrtÜk M, Yildirim BZ ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32682360
64. **Work at inpatient care units is associated with an increased risk of SARS-CoV-2 infection; a cross-sectional study of 8679 healthcare workers in Sweden.** Ups. J. Med. Sci. 2020:1-6Lidstrom AK, Sund F, Albinsson B ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=3268411

Mental – public health (39 articles)

1. **[Recommendations about the Use of Psychotropic Medications during the COVID-19 Pandemic].** Acta Med Port 2020; Andrade G, Simões do Couto F, Câmara-Pestana L. http://www.ncbi.nlm.nih.gov/pubmed/?term=32705981
2. **Grief and the COVID-19 Pandemic in Older Adults.** Am J Geriatr Psychiatry 2020; Goveas JS, Shear MK. http://www.ncbi.nlm.nih.gov/pubmed/?term=32709542
3. **Experiences of American Older Adults with Pre-existing Depression During the Beginnings of the COVID-19 Pandemic: A Multicity, Mixed-Methods Study.** Am J Geriatr Psychiatry 2020; Hamm ME, Brown PJ, Karp JF ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32682619
4. **The neuropsychological impact of E-learning on children.** Asian J Psychiatr 2020; 54:102306Jha AK, Arora A. http://www.ncbi.nlm.nih.gov/pubmed/?term=32688279
5. **Up-to-date review of psychotherapy via videoconference: implications and recommendations for the RANZCP Psychotherapy Written Case during the COVID-19 pandemic.** Australas Psychiatry 2020:1039856220939495Chherawala N, Gill S. http://www.ncbi.nlm.nih.gov/pubmed/?term=32689815
6. **COVID-19 and Depressive Symptoms: A Community-based Study in Quebec, Canada.** Can. J. Psychiatry. 2020:706743720943812Schmitz N, Holley P, Meng X ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32700546
7. **Sleep and circadian rhythm in response to the COVID-19 pandemic.** Can. J. Public Health. 2020; Morin CM, Carrier J, Bastien C, Godbout R. http://www.ncbi.nlm.nih.gov/pubmed/?term=32700231
8. **Stress and anxiety among university students in France during Covid-19 mandatory confinement.** Compr. Psychiatry 2020; 102:152191Husky MM, Kovess-Masfety V, Swendsen JD. http://www.ncbi.nlm.nih.gov/pubmed/?term=32688023
9. **Impact of dementia on clinical outcomes in elderly patients with coronavirus 2019 (COVID-19): an experience in New York.** Geriatr Gerontol Int 2020; 20:732-734Miyashita S, Yamada T, Mikami T ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32691924

10. **China's model to combat the COVID-19 epidemic: a public health emergency governance approach.** Glob Health Res Policy 2020; 5:34Ning Y, Ren R, Nkengurutse G. http://www.ncbi.nlm.nih.gov/pubmed/?term=32685691
11. **Engaging the communities in Wuhan, China during the COVID-19 outbreak.** Glob Health Res Policy 2020; 5:35Zhu J, Cai Y. http://www.ncbi.nlm.nih.gov/pubmed/?term=32685692
12. **The world expects effective global health interventions: Can global health deliver?** Glob Public Health 2020:1-8Holst J. http://www.ncbi.nlm.nih.gov/pubmed/?term=32684125
13. **Eleven things not to say to healthcare professionals during the COVID-19 pandemic.** Headache 2020; Robblee J, Buse DC, Halker Singh RB ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32696455
14. **Combat Stress Management and Resilience: Adapting Department of Defense Combat Lessons Learned to Civilian Healthcare during the COVID-19 Pandemic.** Health Secur 2020; Wei EK, Segall J, Linn-Walton R ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32706595
15. **Exploring COVID-19 stress and its factors in Bangladesh: A perception-based study.** Heliyon 2020; 6:e04399Islam SMD, Bodrud-Doza M, Khan RM ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32685726
16. **Physical and mental health impacts of COVID-19 on healthcare workers: a scoping review.** Int. J. Emerg. Med. 2020; 13:40Shaukat N, Ali DM, Razzak J. http://www.ncbi.nlm.nih.gov/pubmed/?term=32689925
17. **Psychological Factors that Lessen the Impact of COVID-19 on the Self-Employment Intention of Business Administration and Economics' Students from Latin America.** Int J Environ Res Public Health 2020; 17Hernández-Sánchez BR, Cardella GM, Sánchez-García JC. http://www.ncbi.nlm.nih.gov/pubmed/?term=32708034
18. **Sleep Pattern Changes in Nursing Students during the COVID-19 Lockdown.** Int J Environ Res Public Health 2020; 17Romero-Blanco C, Rodríguez-Almagro J, Onieva-Zafra MD ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32698343
19. **Puppy love in the time of Corona: Dog ownership protects against loneliness for those living alone during the COVID-19 lockdown.** Int J Soc Psychiatry 2020:20764020944195Oliva JL, Johnston KL. http://www.ncbi.nlm.nih.gov/pubmed/?term=32701015
20. **Health Policy and Leadership Models During the COVID-19 Pandemic- Review Article.** Int J Surg 2020; Nicola M, Sohrabi C, Mathew G ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32687873
21. **Supporting the Medically Fragile: Individualized Approach to Empowering Young Adults With Chronic Disease During the Coronavirus Disease 2019 Pandemic.** J. Adolesc. Health 2020; Langmaid L, Ratner L, Huysman C ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32684437
22. **Panic and generalized anxiety during the COVID-19 pandemic among Bangladeshi people: An online pilot survey early in the outbreak.** J. Affect. Disord. 2020; 276:30-37Islam MS, Ferdous MZ, Potenza MN. http://www.ncbi.nlm.nih.gov/pubmed/?term=32697713
23. **An analysis on the panic during COVID-19 pandemic through an online form.** J. Affect. Disord. 2020; 276:14-22Nicomedes CJC, Avila RMA. http://www.ncbi.nlm.nih.gov/pubmed/?term=32697692
24. **Mental health of healthcare workers during the COVID-19 pandemic in Italy.** J. Eval. Clin. Pract. 2020; Di Tella M, Romeo A, Benfante A, Castelli L. http://www.ncbi.nlm.nih.gov/pubmed/?term=32710481
25. **Psychological Impact of Quarantine on Caregivers at a Children's Hospital for Contact with Case of COVID-19.** J Korean Med Sci 2020; 35:e255Kim H, Park KJ, Shin YW ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32686372
26. **The psychosocial implications of COVID-19 for a neurology program in a pandemic epicenter.** J Neurol Sci 2020; 416:117034Croll L, Kurzweil A, Hasanaj L ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32683274
27. **Mental health issues impacting pharmacists during COVID-19.** J Pharm Policy Pract 2020; 13:46Elbeddini A, Wen CX, Tayefehchamani Y, To A. http://www.ncbi.nlm.nih.gov/pubmed/?term=32704376
28. **The role of spirituality in the COVID-19 pandemic: a spiritual hotline project.** J Public Health (Oxf) 2020; Ribeiro MRC, Damiano RF, Marujo R ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32696967
29. **Statewide Implementation of Virtual Perinatal Home Visiting During COVID-19.** Matern Child Health J 2020; Marshall J, Kihlström L, Buro A ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32691359
30. **The mortality and psychological burden caused by response to COVID-19 outbreak.** Med. Hypotheses 2020; 143:110069Yusuf E, Tisler A. http://www.ncbi.nlm.nih.gov/pubmed/?term=32688184
31. **Attitudes of patients with relapsing-remitting form of multiple sclerosis using disease-modifying drugs in Montenegro regarding COVID-19 pandemic.** Mult Scler Relat Disord 2020; 45:102380Radulovic L, Erakovic J, Roganovic M. http://www.ncbi.nlm.nih.gov/pubmed/?term=32683304
32. **Psychological status of patients with relapsing-remitting multiple sclerosis during coronavirus disease-2019 outbreak.** Mult Scler Relat Disord 2020; 45:102407Stojanov A, Malobabic M, Milosevic V ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32702641
33. **Psychological Aspects and Eating Habits during COVID-19 Home Confinement: Results of EHLC-COVID-19 Italian Online Survey.** Nutrients 2020; 12Di Renzo L, Gualtieri P, Cinelli G ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32707724
34. **Consequences of physical distancing emanating from the COVID-19 pandemic: An Australian perspective.** Paediatr. Respir. Rev. 2020; Fitzgerald DA, Nunn K, Isaacs D. http://www.ncbi.nlm.nih.gov/pubmed/?term=32690355
35. **Psychological burden of quarantine in children and adolescents: A rapid systematic review and proposed solutions.** Pak J Med Sci 2020; 36:1106-1116Imran N, Aamer I, Sharif MI ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32704298
36. **Evaluation of psychological stress in scientific researchers during the 2019-2020 COVID-19 outbreak in China.** PeerJ 2020; 8:e9497Zhang X, Li X, Liao Z ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32704451
37. **Risk factors associated with mental illness in hospital discharged patients infected with COVID-19 in Wuhan, China.** Psychiatry Res 2020; 292:113297Liu D, Baumeister RF, Veilleux JC ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32707218
38. **Not all worries were created equal: the case of COVID-19 anxiety.** Public Health 2020; 185:243-245Maaravi Y, Heller B. http://www.ncbi.nlm.nih.gov/pubmed/?term=32688099
39. **Social, ethical and behavioural aspects of COVID-19.** Wellcome Open Res 2020; 5:90Pan-Ngum W, Poomchaichote T, Cuman G ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32704548

Meta-analyses - systematic reviews (10 articles)

1. **Multiorgan Failure With Emphasis on Acute Kidney Injury and Severity of COVID-19: Systematic Review and Meta-Analysis.** Can J Kidney Health Dis 2020; 7:2054358120938573Lim MA, Pranata R, Huang I ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32685180
2. **Lactate dehydrogenase elevations is associated with severity of COVID-19: a meta-analysis.** Crit Care 2020; 24:459Chen XY, Huang MY, Xiao ZW ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32709251
3. **Comorbid diabetes and the risk of disease severity or death among 8807 COVID-19 patients in China: a meta-analysis.** Diabetes Res Clin Pract 2020:108346Guo L, Shi Z, Zhang Y ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32710998
4. **Spatial and temporal dynamics of SARS-CoV-2 in COVID-19 patients: A systematic review and meta-analysis.** EBioMedicine 2020; 58:102916Weiss A, Jellingsø M, Sommer MOA. http://www.ncbi.nlm.nih.gov/pubmed/?term=32711256
5. **Higher body mass index is an important risk factor in COVID-19 patients: a systematic review and meta-analysis.** Environ. Sci. Pollut. Res. Int. 2020; Malik VS, Ravindra K, Attri SV ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32710359
6. **Incidence, risk factors, and prognosis of abnormal liver biochemical tests in COVID-19 patients: a systematic review and meta-analysis.** Hepatol Int 2020; Wu Y, Li H, Guo X ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32710250
7. **Detection profile of SARS-CoV-2 using RT-PCR in different types of clinical specimens: a systematic review and meta-analysis.** J Med Virol 2020; Bwire GM, Majigo MV, Njiro BJ, Mawazo A. http://www.ncbi.nlm.nih.gov/pubmed/?term=32706393
8. **Association between tuberculosis and COVID-19 severity and mortality: a rapid systematic review and meta-analysis.** J Med Virol 2020; Gao Y, Liu M, Chen Y ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32687228
9. **Proportion of asymptomatic coronavirus disease 2019 (COVID-19): a systematic review and meta-analysis.** J Med Virol 2020; He J, Guo Y, Mao R, Zhang J. http://www.ncbi.nlm.nih.gov/pubmed/?term=32691881
10. **Obesity is a risk factor for developing critical condition in COVID-19 patients: A systematic review and meta-analysis.** Obes Rev 2020; Foldi M, Farkas N, Kiss S ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32686331

Mortality (19 articles)

1. **Risk of death by age and gender from CoVID-19 in Peru, March-May, 2020.** Aging (Albany NY) 2020; 12Munayco C, Chowell G, Tariq A ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32692724
2. **Clinical Characteristics and In-Hospital Mortality for COVID-19 Across The Globe.** Cardiol Ther 2020; Goel S, Jain T, Hooda A ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32683639
3. **Fetal deaths in pregnancies with SARS-CoV-2 infection in Brazil: A case series.** Case Rep Womens Health 2020; 27:e00243Richtmann R, Torloni MR, Oyamada Otani AR ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32704477
4. **Alteration of serum markers in COVID-19 and implications on mortality.** Clin Transl Med 2020:e119Liu D, Li R, Yu R ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32696591
5. **Comorbid diabetes and the risk of disease severity or death among 8807 COVID-19 patients in China: a meta-analysis.** Diabetes Res Clin Pract 2020:108346Guo L, Shi Z, Zhang Y ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32710998
6. **Clinical course and risk factors for mortality from COVID-19 in patients with haematological malignancies.** Eur. J. Haematol. 2020; Sanchez-Pina JM, Rodríguez Rodriguez M, Castro Quismondo N ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32710500
7. **All-cause excess mortality observed by age group and regions in the first wave of the COVID-19 pandemic in England.** Euro Surveill 2020; 25Sinnathamby MA, Whitaker H, Coughlan L ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32700669
8. **Mortality reduction in 46 severe Covid-19 patients treated with hyperimmune plasma. A proof of concept single arm multicenter trial.** Haematologica 2020; Perotti C, Baldanti F, Bruno R ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32703797
9. **Baseline Chronic Comorbidity and Mortality in Laboratory-Confirmed COVID-19 Cases: Results from the PRECOVID Study in Spain.** Int J Environ Res Public Health 2020; 17Poblador-Plou B, Carmona-Pírez J, Ioakeim-Skoufa I ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32709002
10. **Worldwide maternal deaths due to COVID-19: A brief review.** Int J Gynaecol Obstet 2020; Nakamura-Pereira M, Andreucci CB, de Oliveira Menezes M ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32706925
11. **Why is Pakistan vulnerable to COVID-19 associated morbidity and mortality? A scoping review.** Int. J. Health Plann. Manage. 2020; Atif M, Malik I. http://www.ncbi.nlm.nih.gov/pubmed/?term=32700410
12. **Mortality in COVID-19 disease patients: Correlating Association of Major histocompatibility complex (MHC) with severe acute respiratory syndrome 2 (SARS-CoV-2) variants.** Int J Infect Dis 2020; de Sousa E, Ligeiro D, Lérias JR ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32693089
13. **Role of neutrophil-lymphocyte-ratio in the mortality of males diagnosed with COVID-19.** Iran J Microbiol 2020; 12:194-197Belice T, Demir I, Yüksel A. http://www.ncbi.nlm.nih.gov/pubmed/?term=32685114
14. **Interleukin-6-based mortality risk model for hospitalised COVID-19 patients.** J Allergy Clin Immunol 2020; Rocio LG, Alberto UR, Paloma T ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32710975
15. **The mortality and psychological burden caused by response to COVID-19 outbreak.** Med. Hypotheses 2020; 143:110069Yusuf E, Tisler A. http://www.ncbi.nlm.nih.gov/pubmed/?term=32688184
16. **Selenium Deficiency Is Associated with Mortality Risk from COVID-19.** Nutrients 2020; 12Moghaddam A, Heller RA, Sun Q ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32708526

17. **No clear association emerges between intergenerational relationships and COVID-19 fatality rates from macro-level analyses.** Proc Natl Acad Sci U S A 2020; Arpino B, Bordone V, Pasqualini M. http://www.ncbi.nlm.nih.gov/pubmed/?term=32699150
18. **Coronavirus disease 2019 mortality: a multivariate ecological analysis in relation to ethnicity, population density, obesity, deprivation and pollution.** Public Health 2020; 185:261-263Bray I, Gibson A, White J. http://www.ncbi.nlm.nih.gov/pubmed/?term=32693249
19. **[Using Markov Chain Monte Carlo methods to estimate the age-specific case fatality rate of COVID-19].** Zhonghua Liu Xing Bing Xue Za Zhi 2020; 41:E076Du ZC, Hao YT, Wei YY ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32683819

Online – IT – Apps (32 articles)

1. **Telecardiology during the Covid-19 pandemic: past mistakes and future hopes.** Am. J. Cardiovasc. Dis. 2020; 10:34-47De Simone V, Guarise P, Guardalben S ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32685262
2. **Up-to-date review of psychotherapy via videoconference: implications and recommendations for the RANZCP Psychotherapy Written Case during the COVID-19 pandemic.** Australas Psychiatry 2020:1039856220939495Chherawala N, Gill S. http://www.ncbi.nlm.nih.gov/pubmed/?term=32689815
3. **HRS/EHRA/APHRS/LAHRS/ACC/AHA Worldwide Practice Update for Telehealth and Arrhythmia Monitoring During and After a Pandemic.** Circ Arrhythm Electrophysiol 2020; 13:e009007Varma N, Marrouche NF, Aguinaga L ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32692972
4. **YouTube as a Source of Medical and Epidemiological Information During COVID-19 Pandemic: A Cross-Sectional Study of Content Across Six Languages Around the Globe.** Cureus 2020; 12:e8622Dutta A, Beriwal N, Van Breugel LM ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32685293
5. **Remote Assessment of Video-Recorded Oral Presentations Centered on a Virtual Case-Based Module: A COVID-19 Feasibility Study.** Cureus 2020; 12:e8726Krawiec C, Myers A. http://www.ncbi.nlm.nih.gov/pubmed/?term=32699721
6. **Teledermatology with general practitioners and paediatricians during COVID-19 outbreak in Italy: preliminary data from a second level dermatology department in North-Eastern Italy.** Dermatol Ther 2020:e14040Bergamo S, Calacione R, Fagotti S ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32696492
7. **Will "Video kill the Radiostar" or is zooming just a pandemic transient Hype? Some cautionary notes.** Dig. Liver Dis. 2020; Macedo G. http://www.ncbi.nlm.nih.gov/pubmed/?term=32703728
8. **From community-acquired pneumonia to COVID-19: a deep learning-based method for quantitative analysis of COVID-19 on thick-section CT scans.** Eur Radiol 2020; Li Z, Zhong Z, Li Y ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32683550
9. **YouTube coverage of COVID-19 vaccine development: implications for awareness and uptake.** Hum Vaccin Immunother 2020:1-4Basch CH, Hillyer GC, Zagnit EA, Basch CE. http://www.ncbi.nlm.nih.gov/pubmed/?term=32701403
10. **Social media and vaccine hesitancy: new updates for the era of COVID-19 and globalized infectious diseases.** Hum Vaccin Immunother 2020:1-8Puri N, Coomes EA, Haghbayan H, Gunaratne K. http://www.ncbi.nlm.nih.gov/pubmed/?term=32693678
11. **Factors Associated with the Perception of Risk and Knowledge of Contracting the SARS-Cov-2 among Adults in Bangladesh: Analysis of Online Surveys.** Int J Environ Res Public Health 2020; 17Abir T, Kalimullah NA, Osuagwu UL ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32708161
12. **Demographic and Comorbidities Data Description of Population in Mexico with SARS-CoV-2 Infected Patients(COVID19): An Online Tool Analysis.** Int J Environ Res Public Health 2020; 17Galván-Tejada CE, Zanella-Calzada LA, Villagrana-Bañuelos KE ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32709027
13. **Social Networks' Engagement During the COVID-19 Pandemic in Spain: Health Media vs. Healthcare Professionals.** Int J Environ Res Public Health 2020; 17Pérez-Escoda A, Jiménez-Narros C, Perlado-Lamo-de-Espinosa M, Pedrero-Esteban LM. http://www.ncbi.nlm.nih.gov/pubmed/?term=32708231
14. **An analysis of YouTube videos as educational resources for dental practitioners to prevent the spread of COVID-19.** Ir. J. Med. Sci. 2020; Yüce M, Adalı E, Kanmaz B. http://www.ncbi.nlm.nih.gov/pubmed/?term=32700083
15. **Panic and generalized anxiety during the COVID-19 pandemic among Bangladeshi people: An online pilot survey early in the outbreak.** J. Affect. Disord. 2020; 276:30-37Islam MS, Ferdous MZ, Potenza MN. http://www.ncbi.nlm.nih.gov/pubmed/?term=32697713
16. **An analysis on the panic during COVID-19 pandemic through an online form.** J. Affect. Disord. 2020; 276:14-22Nicomedes CJC, Avila RMA. http://www.ncbi.nlm.nih.gov/pubmed/?term=32697692
17. **Google search increase in patient self-care during COVID-19 lockdown.** J Am Acad Dermatol 2020; Searle T, Al-Niaimi F, Ali FR. http://www.ncbi.nlm.nih.gov/pubmed/?term=32707255
18. **Rapid design and deployment of intensive outpatient group-based psychiatric care using telehealth during COVID-19.** J Am Med Inform Assoc 2020; Childs AW, Unger A, Li L. http://www.ncbi.nlm.nih.gov/pubmed/?term=32687151
19. **A Model for Rapid Transition to Virtual Care, VA Connecticut Primary Care Response to COVID-19.** J Gen Intern Med 2020; Spelman JF, Brienza R, Walsh RF ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32705471
20. **Feasibility and safety of urgently initiated maternal telemedicine in response to the spread of COVID-19: A 1-month report.** J. Obstet. Gynaecol. Res. 2020; Nakagawa K, Umazume T, Mayama M ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32691488
21. **Telehealth during the coronavirus disease 2019 pandemic: Rapid expansion of telehealth outpatient use during a pandemic is possible if the programme is previously established.** J Telemed Telecare 2020:1357633x20942045Schulz T, Long K, Kanhutu K ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32686556
22. **Scaling virtual health at the epicentre of coronavirus disease 2019: A case study from NYU Langone Health.** J Telemed Telecare 2020:1357633x20941395Sherwin J, Lawrence K, Gragnano V, Testa PA. http://www.ncbi.nlm.nih.gov/pubmed/?term=32686555

23. **Geolocated Twitter social media data to describe the geographic spread of SARS-CoV-2.** J Travel Med 2020; Bisanzio D, Kraemer MUG, Brewer T ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32701135
24. **COVID-19 in MS and NMOSD: A multicentric online national survey in Chile.** Mult Scler Relat Disord 2020; 45:102392Ciampi E, Uribe-San-Martin R, Soler B ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32683306
25. **Telemedicine in Neurosurgery: Lessons Learned from a Systematic Review of the Literature for the COVID-19 Era and Beyond.** Neurosurgery 2020; Eichberg DG, Basil GW, Di L ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32687191
26. **Hospital Emergency Management of Emerging Infectious Disease using Instant Communication Technology - ERRATUM.** Prehosp. Disaster Med. 2020; 35:473Lin CH, Hsieh CC, Chi CH. http://www.ncbi.nlm.nih.gov/pubmed/?term=32690128
27. **Staying updated on COVID-19: Social media to amplify science in thrombosis and hemostasis.** Res Pract Thromb Haemost 2020; 4:722-726Makris M. http://www.ncbi.nlm.nih.gov/pubmed/?term=32685878
28. **When the fourth water and digital revolution encountered COVID-19.** Sci Total Environ 2020; 744:140980Poch M, Garrido-Baserba M, Corominas L ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32687996
29. **On the efficacy of online drug surveys during the time of COVID-19.** Subst. Abus. 2020; 41:283-285Palamar JJ, Acosta P. http://www.ncbi.nlm.nih.gov/pubmed/?term=32697173
30. **Rapid Decline in Telestroke Consults in the Setting of COVID-19.** Telemed J E Health 2020; Shah SO, Dharia R, Stazi J ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32706615
31. **Monitoring online media reports for early detection of unknown diseases: insight from a retrospective study of COVID-19 emergence.** Transbound Emerg Dis 2020; Valentin S, Mercier A, Lancelot R ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32683774
32. **Deploying Machine and Deep Learning Models for Efficient Data-Augmented Detection of COVID-19 Infections.** Viruses 2020; 12Sedik A, Iliyasu AM, Abd El-Rahiem B ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32708803

Other – Miscellaneous (35 articles)

1. **Adolescent driving behavior before and during restrictions related to COVID-19.** Accid. Anal. Prev. 2020; 144:105686Stavrinos D, McManus B, Mrug S ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32683132
2. **Coronavirus disease 2019: What could be the effects on Road safety?** Accid. Anal. Prev. 2020; 144:105687Vingilis E, Beirness D, Boase P ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32683133
3. **[Reply to a Comment Published on Acta Med Port 2020; May 25; doi:10.20344/amp.14155 about the Article Published on Acta Med Port 2020; Apr 27; doi:10.20344/amp.13928].** Acta Med Port 2020; Nogueira PJ, De Araújo Nobre M, Nicola PJ ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32691722
4. **Alcohol Intake in Attempt to Fight COVID-19: A Medical Myth in Iran.** Alcohol 2020; Aghababaeian H, Hamdanieh L, Ostadtaghizadeh A. http://www.ncbi.nlm.nih.gov/pubmed/?term=32693023
5. **Advocacy during crisis: Maintaining a legislative presence during the COVID-19 pandemic.** Am. J. Health Syst. Pharm. 2020; Berger K, Stephen Kaplan A. http://www.ncbi.nlm.nih.gov/pubmed/?term=32702752
6. **Ethical Responses to a Pandemic: Implications for the Ethos and Practice of Anatomy as a Health Science Discipline.** Anat Sci Educ 2020; Jones DG. http://www.ncbi.nlm.nih.gov/pubmed/?term=32705774
7. **A Dangerous "Cocktail": The COVID-19 Pandemic and the Youth Opioid Crisis in North America: A Response to Vigo et al. (2020).** Can. J. Psychiatry. 2020:706743720943820Jayasinha R, Nairn S, Conrod P. http://www.ncbi.nlm.nih.gov/pubmed/?term=32701377
8. **Extraordinary times call for extraordinary measures: the use of music to communicate public health recommendations against the spread of COVID-19.** Can. J. Public Health. 2020; Cournoyer Lemaire E. http://www.ncbi.nlm.nih.gov/pubmed/?term=32696141
9. **A special thank you to our authors for their responses to the coronavirus disease pandemic.** Cjem 2020; 22:399Stiell IG, Atkinson P, Lang E. http://www.ncbi.nlm.nih.gov/pubmed/?term=32697182
10. **A Case Study: Analysis of Patents of Coronaviruses and Covid-19 for Technology Assesment and Future Research.** Curr. Pharm. Des. 2020; Musyuni P, Aggarwal G, Nagpal M, Goyal RK. http://www.ncbi.nlm.nih.gov/pubmed/?term=32693757
11. **Fierce Advocates for Building All-Hazards Resurgence and Resilience: NYC Health + Hospitals' COVID-19 Experiences Applied.** Health Secur 2020; Cagliuso Nv, Sr., McGinty M, Madad S. http://www.ncbi.nlm.nih.gov/pubmed/?term=32706596
12. **Viruses and asthma: the role of common respiratory viruses in asthma and its potential meaning for SARS-CoV-2.** Immunology 2020; Novak N, Cabanillas B. http://www.ncbi.nlm.nih.gov/pubmed/?term=32687609
13. **Rethinking Air Quality and Climate Change after COVID-19.** Int J Environ Res Public Health 2020; 17Ching J, Kajino M. http://www.ncbi.nlm.nih.gov/pubmed/?term=32708953
14. **Decrease in Ambient Fine Particulate Matter during COVID-19 Crisis and Corresponding Health Benefits in Seoul, Korea.** Int J Environ Res Public Health 2020; 17Han C, Hong YC. http://www.ncbi.nlm.nih.gov/pubmed/?term=32707971
15. **Physical Activity, Screen Time, and Emotional Well-Being during the 2019 Novel Coronavirus Outbreak in China.** Int J Environ Res Public Health 2020; 17Qin F, Song Y, Nassis GP ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32709003
16. **COVID-19 - An Opportunity to Redesign Health Policy Thinking.** Int J Health Policy Manag 2020; Sturmberg JP, Tsasis P, Hoemeke L. http://www.ncbi.nlm.nih.gov/pubmed/?term=32702802
17. **The COVID-19 Pandemic: Does Our Early Life Environment, Life Trajectory and Socioeconomic Status Determine Disease Susceptibility and Severity?** Int J Mol Sci 2020; 21Holuka C, Merz MP, Fernandes SB ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32707661
18. **Word War III.** Int J Occup Environ Med 2020; 11:117-118Habibzadeh F. http://www.ncbi.nlm.nih.gov/pubmed/?term=32683423
19. **Medical professionalism in times of COVID-19 pandemic: is economic logic trumping medical ethics?** Intern Emerg Med 2020; Curkovic M, Kosec A, Curkovic D. http://www.ncbi.nlm.nih.gov/pubmed/?

term=32686058
20. **Medical professionalism in times of COVID-19 pandemic: is economic logic trumping medical ethics?** Intern Emerg Med 2020; Ćurković M, Košec A, Ćurković D. http://www.ncbi.nlm.nih.gov/pubmed/?term=32686058
21. **Rostrum: Managing Food Allergy in Schools During the COVID-19 Pandemic.** J Allergy Clin Immunol Pract 2020; Greenhawt M, Shaker M, Stukus DR ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32711118
22. **Consensus on Recommendations for Safe Sexual Activity during the COVID-19 Coronavirus Pandemic.** J Clin Med 2020; 9Cabello F, Sánchez F, Farré JM, Montejo AL. http://www.ncbi.nlm.nih.gov/pubmed/?term=32698369
23. **Ambient Air Pollution, Meteorology, and COVID-19 Infection in Korea.** J Med Virol 2020; Hoang T, Thi Anh TT. http://www.ncbi.nlm.nih.gov/pubmed/?term=32691877
24. **Alcohol advertisers may be using social media to encourage parents to drink during COVID-19.** Med. J. Aust. 2020; Leung J, Connor J, Hides L, Hall WD. http://www.ncbi.nlm.nih.gov/pubmed/?term=32683705
25. **Covid-19 and medical negligence litigation: Immunity for healthcare professionals?** Med. Leg. J. 2020:25817220935892Duignan K, Bradbury C. http://www.ncbi.nlm.nih.gov/pubmed/?term=32700595
26. **Psychological Aspects and Eating Habits during COVID-19 Home Confinement: Results of EHLC-COVID-19 Italian Online Survey.** Nutrients 2020; 12Di Renzo L, Gualtieri P, Cinelli G ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32707724
27. **Legal Issues of Resource Allocation in the COVID-19 Pandemic: Between Utilitarianism and Life Value Indifference.** Pneumologie 2020; 74:366-370Hübner J, Schewe DM, Katalinic A, Frielitz FS.
28. **Meditations on Involuntary Civil Commitment Amid a Pandemic.** Psychiatr. Serv. 2020:appips71901Barnett B. http://www.ncbi.nlm.nih.gov/pubmed/?term=32703118
29. **Effect of meteorological parameters on spread of COVID-19 in India and air quality during lockdown.** Sci Total Environ 2020; 745:141021Kumar S. http://www.ncbi.nlm.nih.gov/pubmed/?term=32702548
30. **When the fourth water and digital revolution encountered COVID-19.** Sci Total Environ 2020; 744:140980Poch M, Garrido-Baserba M, Corominas L ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32687996
31. **COVID-19 and the environment: A critical review and research agenda.** Sci Total Environ 2020; 745:141022Shakil MH, Munim ZH, Tasnia M, Sarowar S. http://www.ncbi.nlm.nih.gov/pubmed/?term=32711074
32. **Reductions in mortality resulting from reduced air pollution levels due to COVID-19 mitigation measures.** Sci Total Environ 2020; 744:141012Son JY, Fong KC, Heo S ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32693269
33. **Environmental side effects of the injudicious use of antimicrobials in the era of COVID-19.** Sci Total Environ 2020; 745:141053Usman M, Farooq M, Hanna K. http://www.ncbi.nlm.nih.gov/pubmed/?term=32702547
34. **Effects of oral care on prolonged viral shedding in coronavirus disease 2019 (COVID-19).** Spec. Care Dentist. 2020; Warabi Y, Tobisawa S, Kawazoe T ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32706510
35. **COVID-19-like symptoms observed in the Chinese tree shrews infected with SARS-CoV-2.** Zool Res 2020:1-5Xu L, Yu DD, Ma YH ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32701249

Pathology (6 articles)

1. **The role of breast FNA during and post- COVID-19 pandemic: a fast and safe alternative to needle core biopsy.** Cytopathology 2020; Pinto D, Schmitt F. http://www.ncbi.nlm.nih.gov/pubmed/?term=32705731
2. **COVID 19: Autopsy study confirms lung damage and risk of thromboembolism.** Deutsche Medizinische Wochenschrift 2020; 145:807-808Krome S.
3. **Third Trimester Placentas of SARS-CoV-2-Positive Women: Histomorphology, including Viral Immunohistochemistry and in Situ Hybridization.** Histopathology 2020; Smithgall MC, Liu-Jarin X, Hamele-Bena D ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32692408
4. **COVID-19 and cryo-EM.** IUCrJ 2020; 7:575-576Subramaniam S. http://www.ncbi.nlm.nih.gov/pubmed/?term=32695405
5. **The Natural History, Pathobiology, and Clinical Manifestations of SARS-CoV-2 Infections.** J. Neuroimmune Pharmacol. 2020; Machhi J, Herskovitz J, Senan AM ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32696264
6. **Autopsy of patients with COVID-19: A balance of fear and curiosity.** Pathol. Res. Pract. 2020; 216:153039Hirschbühl K, Schaller T, Kling E ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32703502

Protection (46 articles)

1. **Chest Radiographs and CTs in the Era of COVID-19: Indications, Operational Safety Considerations and Alternative Imaging Practices.** Acad Radiol 2020; Chia AQX, Cheng LT, Wijaya L ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32703648
2. **Environmental maintenance with effective and useful zoning to protect patients and medical staff from COVID-19 infection.** Acute Med Surg 2020; 7:e536Ogawa F, Kato H, Sakai K ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32685174
3. **"Palliative Pandemic Plan," Triage and Symptoms Algorithm as a Strategy to Decrease Providers' Exposure, While Trying to Increase Teams Availability and Guidance for Goals of Care (GOC) and Symptoms Control.** Am. J. Hosp. Palliat. Care 2020:1049909120942494Lopez S, Decastro G, Van Ogtrop KM ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32691604
4. **Practice and exploration of infection prevention and control measures based on risk management of surgical patients during the epidemic of Corona Virus Disease 2019 (COVID-19).** Am. J. Infect. Control 2020; Ren Y, Liu S, Yang L ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32702389

5. **Improving protection from bioaerosol exposure during postoperative patient interaction in the COVID-19 era, a quality improvement study.** Am. J. Otolaryngol. 2020; 41:102634Ko-Keeney EH, Saran MS, McLaughlin K, Lipman S. http://www.ncbi.nlm.nih.gov/pubmed/?term=32707426
6. **Surgical Masks During the Influenza Pandemic of 1918-1920.** Am. Surg. 2020; 86:557-559Nakayama DK. http://www.ncbi.nlm.nih.gov/pubmed/?term=32683953
7. **The design and manufacture of 3D-printed adjuncts for powered air-purifying respirators.** Anaesth Rep 2020; 8:e12055Miles LF, Chuen J, Edwards L ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32705085
8. **How to Leverage Collaborations Between the BME Community and Local Hospitals to Address Critical Personal Protective Equipment Shortages During the COVID-19 Pandemic.** Ann. Biomed. Eng. 2020; George MP, Maier LA, Kasperbauer S ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32710248
9. **Prevalence of positive COVID-19 among asymptomatic health care workers who care patients infected with the novel coronavirus: A retrospective study.** Ann Med Surg (Lond) 2020; 57:14-16Al-Zoubi NA, Obeidat BR, Al-Ghazo MA ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32690991
10. **Probability of fit failure with reuse of N95 mask respirators.** Br J Anaesth 2020; Maranhao B, Scott AW, Scott AR ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32682553
11. **Operational considerations for peritoneal dialysis management during the COVID-19 pandemic.** Clin Kidney J 2020; 13:322-327Yang Z, Dong J. http://www.ncbi.nlm.nih.gov/pubmed/?term=32695321
12. **Gas Leaks Through Laparoscopic Energy Devices and Robotic Instrumentation-Video Vignette.** Colorectal Dis 2020; Dalli J, Faraz Khan M, Nolan K, Cahill RA. http://www.ncbi.nlm.nih.gov/pubmed/?term=32691961
13. **Enteral stoma care during COVID-19 pandemic: practical advice.** Colorectal Dis 2020; Pata F, Bondurri A, Ferrara F ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32691949
14. **Perceived Risk, Behavior Changes and Health-related Outcomes During COVID-19 Pandemic: Findingsamong Adults with and without Diabetesin China.** Diabetes Res Clin Pract 2020:108350Yan AF, Sun X, Zheng J ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32710996
15. **Endoscopic mask innovation and protective measures changes during the COVID-19 pandemic: experience from a Chinese hepato-biliary-pancreatic unit.** Dig Endosc 2020; Tian Q, Yan X, Shi R ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32702176
16. **Collection and disinfection of forensic biological specimens in five cases concerning COVID-19 in Guangzhou, China.** Forensic Sci. Int. 2020; 2:210-214Yang X, Xu Q, Liu H ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32705079
17. **The role of isolation rooms, facemasks and intensified hand hygiene in the prevention of nosocomial COVID-19 transmission in a pulmonary clinical setting.** Infect Dis Poverty 2020; 9:104Zhang GQ, Pan HQ, Hu XX ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32703281
18. **Risk Interactions of Coronavirus Infection across Age Groups after the Peak of COVID-19 Epidemic.** Int J Environ Res Public Health 2020; 17Yu X. http://www.ncbi.nlm.nih.gov/pubmed/?term=32708118
19. **Standard precaution measurements during ophthalmology practice in the pandemic stage of COVID-19.** Int J Ophthalmol 2020; 13:1017-1022Reda AM, Ahmed WM. http://www.ncbi.nlm.nih.gov/pubmed/?term=32685386
20. **Nurses' health beliefs about paper face masks in Japan, Australia and China: a qualitative descriptive study.** Int Nurs Rev 2020; Omura M, Stone TE, Petrini MA, Cao R. http://www.ncbi.nlm.nih.gov/pubmed/?term=32686094
21. **Surgical pearl:Novel techniques of wearing ear-looped mask for reducing pressure on the ear.** J Am Acad Dermatol 2020; Mukhtar M. http://www.ncbi.nlm.nih.gov/pubmed/?term=32702460
22. **Application of hydrogel patches to the upper margins of N95 respirators as a novel anti-fog measure for goggles: a prospective, self-controlled study.** J Am Acad Dermatol 2020; Zhou N, Suo H, Alamgir M ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32692998
23. **Protecting higher education institutions from COVID-19: insights from an Italian experience.** J. Am. Coll. Health 2020:1-2Quattrone F, Borghini A, Emdin M, Nuti S. http://www.ncbi.nlm.nih.gov/pubmed/?term=32701399
24. **Reducing risky behavior with habit reversal: A review of behavioral strategies to reduce habitual hand-to-head behavior.** J. Appl. Behav. Anal. 2020; Heinicke MR, Stiede JT, Miltenberger RG, Woods DW. http://www.ncbi.nlm.nih.gov/pubmed/?term=32686131
25. **Optimal control strategies for the transmission risk of COVID-19.** J. Biol. Dyn. 2020; 14:590-607Lemecha Obsu L, Feyissa Balcha S. http://www.ncbi.nlm.nih.gov/pubmed/?term=32696723
26. **Acquired infection after intubating patients with COVID-19: A retrospective pilot study.** J. Clin. Anesth. 2020; 67:110006Zhang J, Sun M, Li N ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32711351
27. **Risk for dental healthcare professionals during the COVID-19 global pandemic: an evidence-based assessment.** J. Dent. 2020:103434Ren Y, Feng C, Rasubala L ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32693111
28. **SARS-CoV-2 infection among healthcare workers in a hospital in Madrid, Spain.** J Hosp Infect 2020; García IS, López M, Vicente AS, Abascal PL. http://www.ncbi.nlm.nih.gov/pubmed/?term=32702465
29. **Mass masking as a way to contain COVID-19 and exit lockdown in low- and middle-income countries.** J Infect 2020; Fodjo JNS, Pengpid S, Villela EFM ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32682733
30. **Ward renovation and PPE use procedures to protect medical staff from COVID-19 infection.** J Infect Dev Ctries 2020; 14:554-558Lin Z, Shu H, Jiang D ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32683344
31. **Environmental sampling for severe acute respiratory syndrome coronavirus 2 during COVID-19 outbreak in the Diamond Princess cruise ship.** J Infect Dis 2020; Yamagishi T, Ohnishi M, Matsunaga N ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32691828
32. **Apparent and occult infections of medical staff in a COVID-19 designated hospital.** J Infect Public Health 2020; Li G, Hu C, He Q ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32694083
33. **The Role of Face Protection for Respiratory Viral Infections: A Historical Perspective.** J Pediatric Infect Dis Soc 2020; Cherry JD. http://www.ncbi.nlm.nih.gov/pubmed/?term=32706367
34. **Rigorous Hand Hygiene Practices Among Health Care Workers Reduce Hospital-Associated Infections During the COVID-19 Pandemic.** J. Prim. Care Community Health 2020;

11:2150132720943331Roshan R, Feroz AS, Rafique Z, Virani N. http://www.ncbi.nlm.nih.gov/pubmed/?term=32686571

35. **Utility of a barrier enclosure in the management of a patient with coronavirus disease 2019 (COVID-19) for endoscopic retrograde cholangiopancreatography (ERCP) under sedation.** Korean J Anesthesiol 2020; Wee JZ, Lim V, See JJ. http://www.ncbi.nlm.nih.gov/pubmed/?term=32689760
36. **Copper-Alloy Surfaces and Cleaning Regimens against the Spread of SARS-CoV-2 in Dentistry and Orthopedics. From Fomites to Anti-Infective Nanocoatings.** Materials (Basel) 2020; 13Poggio C, Colombo M, Arciola CR ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32707757
37. **Problems arising from PPE when worn for long periods.** Med. Leg. J. 2020:25817220935880Vidua RK, Chouksey VK, Bhargava DC, Kumar J. http://www.ncbi.nlm.nih.gov/pubmed/?term=32686980
38. **COVID-19 in the operating room: a review of evolving safety protocols.** Patient Saf Surg 2020; 14:30Prakash L, Dhar SA, Mushtaq M. http://www.ncbi.nlm.nih.gov/pubmed/?term=32695225
39. **COVID-19: Transmission in the incubation period.** Pneumologie 2020; 74:321-322Krome S.
40. Pneumologie 2020; 74:315Schaberg T, Ewig S.
41. **Safe performance of echocardiography during the COVID-19 pandemic: a practical guide.** Rev Cardiovasc Med 2020; 21:217-223Cameli M, Pastore MC, Henein M ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32706210
42. **Early implementation of protective measures defines surgical outcomes in the COVID-19 pandemic.** Surg. Today 2020; Senent-Boza A, Benítez-Linero I, Tallón-Aguilar L ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32700005
43. **A systematic review of viral transmission risk to healthcare staff comparing laparoscopic and open surgery.** Surgeon 2020; Patterson TJ, Currie PJ, Beck J ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32690463
44. **Potential challenges faced by blood bank services during COVID-19 pandemic and their mitigative measures: The Indian scenario.** Transfus. Apher. Sci. 2020:102877Arcot PJ, Kumar K, Mukhopadhyay T, Subramanian A. http://www.ncbi.nlm.nih.gov/pubmed/?term=32709475
45. **Work at inpatient care units is associated with an increased risk of SARS-CoV-2 infection; a cross-sectional study of 8679 healthcare workers in Sweden.** Ups. J. Med. Sci. 2020:1-6Lidström AK, Sund F, Albinsson B ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32684119
46. **Neurosurgical Procedures and Safety During the COVID-19 Pandemic: A Case-Control Multi-Center Study.** World Neurosurg 2020; Bajunaid K, Alqurashi A, Alatar A ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32702490

Pulmonary disease (8 articles)

1. **Lung Injury in COVID-19-An Emerging Hypothesis.** ACS Chem Neurosci 2020; Alharthy A, Faqihi F, Memish ZA, Karakitsos D. http://www.ncbi.nlm.nih.gov/pubmed/?term=32709193
2. **COVID 19: Autopsy study confirms lung damage and risk of thromboembolism.** Deutsche Medizinische Wochenschrift 2020; 145:807-808Krome S.
3. **COVID-19 Pneumonia: Three Thoracic Complications in the Same Patient.** Diagnostics (Basel) 2020; 10Borghesi A, Aggiusti C, Farina D ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32698424
4. **Unusual presentations of COVID-19 pneumonia on CT scans with spontaneous pneumomediastinum and loculated pneumothorax: A report of two cases and a review of the literature.** Heart Lung 2020; Brogna B, Bignardi E, Salvatore P ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32693960
5. **Pneumothorax after COVID-19 pneumonia.** MMW-Fortschritte der Medizin 2020; 162:11Büttner R, Heiligensetzer A, Fürst A.
6. **Clinical features and chest CT findings of 3 cases of 2019 novel coronavirus (COVID-19) pneumonia.** Radiol Case Rep 2020; 15:1609-1613Hu X, Gou J, Guo L. http://www.ncbi.nlm.nih.gov/pubmed/?term=32685080
7. **Incidental COVID-19 in the radiology department: Radiographic findings of COVID-19 in asymptomatic patient undergoing CT staging for breast cancer.** Radiol Case Rep 2020; 15:1614-1617Yoo K, Choi RY, Sun J ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32685081
8. **Pulmonary contusion during the COVID-19 pandemic: challenges in diagnosis and treatment.** Surg. Today 2020; Wang Y, Zeng C, Dong L ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32700004

Renal disease (22 articles)

1. **Multiorgan Failure With Emphasis on Acute Kidney Injury and Severity of COVID-19: Systematic Review and Meta-Analysis.** Can J Kidney Health Dis 2020; 7:2054358120938573Lim MA, Pranata R, Huang I ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32685180
2. **A brand-new cardiorenal syndrome in the COVID-19 setting.** Clin Kidney J 2020; 13:291-296Apetrii M, Enache S, Siriopol D ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32695320
3. **Kidney disease and electrolytes in COVID-19: more than meets the eye.** Clin Kidney J 2020; 13:274-280Carriazo S, Kanbay M, Ortiz A. http://www.ncbi.nlm.nih.gov/pubmed/?term=32699613
4. **Indirect effects of severe acute respiratory syndrome coronavirus 2 on the kidney in coronavirus disease patients.** Clin Kidney J 2020; 13:347-353Couturier A, Ferlicot S, Chevalier K ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32695325
5. **Coronavirus disease 2019 in chronic kidney disease.** Clin Kidney J 2020; 13:297-306D'Marco L, Puchades MJ, Romero-Parra M ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32699615
6. **SARS-CoV-2 infection in dialysis patients in northern Italy: a single-centre experience.** Clin Kidney J 2020; 13:334-339Fontana F, Giaroni F, Frisina M ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32695323
7. **Kidney manifestations of mild, moderate and severe coronavirus disease 2019: a retrospective cohort study.** Clin Kidney J 2020; 13:340-346Hong D, Long L, Wang AY ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32695324

8. **Coronavirus disease 2019: acute Fanconi syndrome precedes acute kidney injury.** Clin Kidney J 2020; 13:362-370Kormann R, Jacquot A, Alla A ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32695327
9. **Characterization of acute kidney injury in critically ill patients with severe coronavirus disease 2019.** Clin Kidney J 2020; 13:354-361Rubin S, Orieux A, Prevel R ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32695326
10. **Clinical outcomes of hemodialysis patients infected with severe acute respiratory syndrome coronavirus 2 and impact of proactive chest computed tomography scans.** Clin Kidney J 2020; 13:328-333Wang R, He H, Liao C ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32695322
11. **Operational considerations for peritoneal dialysis management during the COVID-19 pandemic.** Clin Kidney J 2020; 13:322-327Yang Z, Dong J. http://www.ncbi.nlm.nih.gov/pubmed/?term=32695321
12. **The Spectrum of Clinical and Serological Features of COVID-19 in Urban Hemodialysis Patients.** J Clin Med 2020; 9Stock da Cunha T, Gomá-Garcés E, Avello A ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32708750
13. **Acute Kidney Injury and Kidney Damage in COVID-19 Patients.** J Korean Med Sci 2020; 35:e257Na KR, Kim HR, Ham Y ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32686373
14. **COVID-19 and the kidney: what we think we know so far and what we don't.** J Nephrol 2020; Farouk SS, Fiaccadori E, Cravedi P, Campbell KN. http://www.ncbi.nlm.nih.gov/pubmed/?term=32691342
15. **Coronavirus Disease 2019: Coronaviruses and Kidney Injury.** J Urol 2020:101097ju0000000000001289Lv W, Wu M, Ren Y ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32693711
16. **A Patient with Cryoglobulinemic Membranoproliferative GN (MPGN) Who Survived COVID-19 Disease: Case Presentation and Current Data of COVID-19 Infection in Dialysis and Transplanted Patients in Greece.** Medicina (Kaunas) 2020; 56Marinaki S, Tsiakas S, Skalioti C ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32708858
17. **Protection of nephrology health professionals during the COVID-19 pandemic.** Nefrologia 2020; Arenas MD, Villar J, González C ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32703645
18. **Management of peritoneal dialysis under COVID-19: The experience in Sichuan Province People's Hospital, China.** Perit. Dial. Int. 2020:896860820935298Chen J, Yin L, Chen X ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32703085
19. **Management of immunosuppression in kidney transplant recipients with COVID-19 pneumonia: A summary of 41 confirmed cases reported worldwide.** Transpl Infect Dis 2020:e13425Hu Q, Zhong Z, Xiong Y ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32702153
20. **Kidney Transplant Recipients Infected By COVID-19: Review of the Initial Published Experience.** Transpl Infect Dis 2020:e13426Moris D, Kesseli SJ, Barbas AS. http://www.ncbi.nlm.nih.gov/pubmed/?term=32702150
21. **Influence of Immunosuppression on Seroconversion Against SARS-Cov-2 in Two Kidney Transplant Recipients.** Transpl Infect Dis 2020:e13423Wang AX, Quintero Cardona O, Ho DY ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32701196
22. **The care of kidney transplant recipients during a global pandemic: Challenges and strategies for success.** Transplant Rev (Orlando) 2020:100567Aziz F, Jorgenson MR, Garg N ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32690437

Reviews (59 articles)

1. **The Role of Hyperbaric Oxygen Treatment for COVID-19: A Review.** Adv. Exp. Med. Biol. 2020; Paganini M, Bosco G, Perozzo FAG ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32696443
2. **Targeting Cytokine Storm to Manage Patients with COVID-19: A Mini-Review.** Arch Med Res 2020; Roshanravan N, Seif F, Ostadrahimi A ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32682575
3. **Brain abnormalities in COVID-19 acute/subacute phase: A rapid systematic review.** Brain Behav Immun 2020; Egbert AR, Cankurtaran S, Karpiak S. http://www.ncbi.nlm.nih.gov/pubmed/?term=32682993
4. **Brain abnormalities in COVID-19 acute/subacute phase: A rapid systematic review.** Brain Behav Immun 2020; Rita Egbert A, Cankurtaran S, Karpiak S. http://www.ncbi.nlm.nih.gov/pubmed/?term=32682993
5. **Overview of Management of Children with COVID-19.** Clin Exp Pediatr 2020; Wati DK, Manggala AK. http://www.ncbi.nlm.nih.gov/pubmed/?term=32683801
6. **Indirect effects of severe acute respiratory syndrome coronavirus 2 on the kidney in coronavirus disease patients.** Clin Kidney J 2020; 13:347-353Couturier A, Ferlicot S, Chevalier K ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32695325
7. **Bacterial co-infection and secondary infection in patients with COVID-19: a living rapid review and meta-analysis.** Clin Microbiol Infect 2020; Langford BJ, So M, Raybardhan S ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32711058
8. **Lipoprotein(a) and Its Potential Association with Thrombosis and Inflammation in COVID-19: a Testable Hypothesis.** Curr Atheroscler Rep 2020; 22:48Moriarty PM, Gorby LK, Stroes ES ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32710255
9. **Psoriasis and COVID-19: A narrative review with treatment considerations.** Dermatol Ther 2020:e13858Elmas OF, Demirbas A, Kutlu O ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32686245
10. **Disseminated Intravascular Coagulation: A Devastating Systemic Disorder of Special Concern with COVID-19.** Dermatol Ther 2020; Singh P, Schwartz RA. http://www.ncbi.nlm.nih.gov/pubmed/?term=32700813
11. **COVID-19: Current prediction models unsuitable for practical use.** Deutsche Medizinische Wochenschrift 2020; 145:806-807Lichert F.
12. **Diabetes and COVID-19: A systematic review on the current evidences.** Diabetes Res Clin Pract 2020:108347Abdi A, Jalilian M, Ahmadi Sarbarzeh P, Vlaisavljevic Z. http://www.ncbi.nlm.nih.gov/pubmed/?term=32711003
13. **COVID-19-associated coagulopathy.** Diagnosis (Berl) 2020; Franchini M, Marano G, Cruciani M ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32683333
14. **Kawasaki disease in siblings and a review of drug treatment.** Drugs Context 2020; 9Loo SK, Hon KL, Leung AK ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32699547

15. **COVID-19 treatment: Much research and testing, but far, few magic bullets against SARS-CoV-2 coronavirus.** Eur. J. Med. Chem. 2020; 203:112647Kouznetsov VV. http://www.ncbi.nlm.nih.gov/pubmed/?term=32693298
16. **Advances in the possible treatment of COVID-19: A review.** Eur. J. Pharmacol. 2020:173372Chibber P, Haq SA, Ahmed I ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32682787
17. **Hydroxychloroquine in the COVID-19 pandemic era: in pursuit of a rational use for prophylaxis of SARS-CoV-2 infection.** Expert Rev. Anti Infect. Ther. 2020; Infante M, Ricordi C, Alejandro R ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32693652
18. **Factors Influencing Global Variations in COVID-19 Cases and Fatalities; A Review.** Healthcare (Basel) 2020; 8Abu Hammad O, Alnazzawi A, Borzangy SS ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32708986
19. **Coronavirus disease 2019 (Covid-19) presenting as purulent fulminant myopericarditis and cardiac tamponade: A case report and literature review.** Heart Lung 2020; Khatri A, Wallach F. http://www.ncbi.nlm.nih.gov/pubmed/?term=32693958
20. **Immune Responses to the Novel Coronavirus-2: Friend or Foe?** Immunol. Invest. 2020:1-3Mahmoodpoor A, Nader ND. http://www.ncbi.nlm.nih.gov/pubmed/?term=32689852
21. **Saliva as a diagnostic specimen for detection of SARS-CoV-2 in suspected patients: a scoping review.** Infect Dis Poverty 2020; 9:100Fakheran O, Dehghannejad M, Khademi A. http://www.ncbi.nlm.nih.gov/pubmed/?term=32698862
22. **Immune and bioinformatics identification of T cell and B cell epitopes in the protein structure of SARS-CoV-2: A systematic review.** Int Immunopharmacol 2020; 86:106738Noorimotlagh Z, Karami C, Mirzaee SA ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32683296
23. **Physical and mental health impacts of COVID-19 on healthcare workers: a scoping review.** Int. J. Emerg. Med. 2020; 13:40Shaukat N, Ali DM, Razzak J. http://www.ncbi.nlm.nih.gov/pubmed/?term=32689925
24. **COVID-19 and obstetric practice: A critical review of the Nigerian situation.** Int J Gynaecol Obstet 2020; Ijarotimi OA, Ubom AE, Olofinbiyi BA ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32698245
25. **Health Policy and Leadership Models During the COVID-19 Pandemic- Review Article.** Int J Surg 2020; Nicola M, Sohrabi C, Mathew G ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32687873
26. **A comparative study of the laboratory features of COVID-19 and other viral pneumonias in the recovery stage.** J. Clin. Lab. Anal. 2020:e23483Zhao G, Su Y, Sun X ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32696465
27. **Clinical Management of Diabetes Mellitus in the Era of COVID-19: Practical Issues, Peculiarities and Concerns.** J Clin Med 2020; 9Koliaki C, Tentolouris A, Eleftheriadou I ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32708504
28. **The Spectrum of Clinical and Serological Features of COVID-19 in Urban Hemodialysis Patients.** J Clin Med 2020; 9Stock da Cunha T, Gomá-Garcés E, Avello A ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32708750
29. **Update I. A systematic review on the efficacy and safety of chloroquine/hydroxychloroquine for COVID-19.** J Crit Care 2020; 59:176-190Cortegiani A, Ippolito M, Ingoglia G ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32683212
30. **Pharmacotherapy in COVID-19 patients: A review of ACE2-raising drugs and their clinical safety.** J. Drug Target. 2020:1-35Akhtar S, Benter IF, Danjuma MI ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32700580
31. **Comparing Chinese children and adults with RT-PCR positive COVID-19: A systematic review.** J Infect Public Health 2020; Pei Y, Liu W, Masokano IB ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32682658
32. **Cytokine storm syndrome in coronavirus disease 2019: A narrative review.** J Intern Med 2020; Gao YM, Xu G, Wang B, Liu BC. http://www.ncbi.nlm.nih.gov/pubmed/?term=32696489
33. **Vertical transmission of SARS CoV-2: a systematic review.** J Matern Fetal Neonatal Med 2020:1-8Deniz M, Tezer H. http://www.ncbi.nlm.nih.gov/pubmed/?term=32693656
34. **The mechanistic rationale of drugs, Primary endpoints, Geographical distribution of clinical trials against Severe acute respiratory syndrome-related coronavirus-2: A Systematic Review.** J Med Virol 2020; Venkatesulu BP, Thoguluva Chandrasekar V, Girdhar P ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32706390
35. **COVID-19 and the kidney: what we think we know so far and what we don't.** J Nephrol 2020; Farouk SS, Fiaccadori E, Cravedi P, Campbell KN. http://www.ncbi.nlm.nih.gov/pubmed/?term=32691342
36. **A systematic review of neurological symptoms and complications of COVID-19.** J. Neurol. 2020; Chen X, Laurent S, Onur OA ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32691236
37. **The Role of Face Protection for Respiratory Viral Infections: A Historical Perspective.** J Pediatric Infect Dis Soc 2020; Cherry JD. http://www.ncbi.nlm.nih.gov/pubmed/?term=32706367
38. **Coronavirus Disease 2019 (COVID-19): A Systematic Review of Pregnancy and the Possibility of Vertical Transmission.** J Reprod Infertil 2020; 21:157-168Ashraf MA, Keshavarz P, Hosseinpour P ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32685412
39. **Dietary therapy and herbal medicine for COVID-19 prevention: A review and perspective.** J Tradit Complement Med 2020; 10:420-427Panyod S, Ho CT, Sheen LY. http://www.ncbi.nlm.nih.gov/pubmed/?term=32691006
40. **Delaying Cancer Cases in Urology during COVID-19: Review of the Literature.** J Urol 2020:101097ju0000000000001288Tachibana I, Ferguson EL, Mahenthiran A ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32692934
41. **Can Dietary Fatty Acids Affect the COVID-19 Infection Outcome in Vulnerable Populations?** mBio 2020; 11Onishi JC, Häggblom MM, Shapses SA. http://www.ncbi.nlm.nih.gov/pubmed/?term=32703911
42. **Evaluation of Current Therapies for COVID-19 Treatment.** Microorganisms 2020; 8Sethi A, Bach H. http://www.ncbi.nlm.nih.gov/pubmed/?term=32707942
43. **Telemedicine in Neurosurgery: Lessons Learned from a Systematic Review of the Literature for the COVID-19 Era and Beyond.** Neurosurgery 2020; Eichberg DG, Basil GW, Di L ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32687191
44. **Countermeasures to Coronavirus Disease 2019: Are Immunomodulators Rational Treatment Options-A Critical Review of the Evidence.** Open Forum Infect Dis 2020; 7:ofaa219Chastain DB, Stitt TM, Ly PT ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32691007

45. **Psychological burden of quarantine in children and adolescents: A rapid systematic review and proposed solutions.** Pak J Med Sci 2020; 36:1106-1116Imran N, Aamer I, Sharif MI ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32704298
46. **Potential role of platelets in COVID-19: Implications for thrombosis.** Res Pract Thromb Haemost 2020; 4:737-740Koupenova M. http://www.ncbi.nlm.nih.gov/pubmed/?term=32685881
47. **Thrombosis and coagulopathy in COVID-19: An illustrated review.** Res Pract Thromb Haemost 2020; 4:744-751Levi M, Hunt BJ. http://www.ncbi.nlm.nih.gov/pubmed/?term=32685883
48. **Epidemiologic, Clinical, and Laboratory Findings of the COVID-19 in the current pandemic.** Res Sq 2020; Xie Y, Wang Z, Liao H ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32702720
49. **Recurrent positive nucleic acid detection in a recovered COVID-19 patient: A case report and literature review.** Respir Med Case Rep 2020; 31:101152Geling T, Huaizheng G, Ying C, Hua H. http://www.ncbi.nlm.nih.gov/pubmed/?term=32704471
50. **Prone cardiopulmonary resuscitation: A scoping and expanded grey literature review for the COVID-19 pandemic.** Resuscitation 2020; Douma MJ, Mackenzie E, Loch T ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32707142
51. **[Scoping review of coronavirus case series (SARS-CoV, MERS-CoV and SARS-CoV-2) and their obstetric and neonatal results].** Rev. Esp. Quimioter. 2020; Rodriguez-Blanco N, Vegara-Lopez I, Aleo-Giner L, Tuells J. http://www.ncbi.nlm.nih.gov/pubmed/?term=32683837
52. **[Scoping review of coronavirus case series (SARS-CoV, MERS-CoV and SARS-CoV-2) and their obstetric and neonatal results].** Rev. Esp. Quimioter. 2020; Rodríguez-Blanco N, Vegara-Lopez I, Aleo-Giner L, Tuells J. http://www.ncbi.nlm.nih.gov/pubmed/?term=32683837
53. **Neuropathogenic human coronaviruses: A review.** Rev Med Virol 2020:e02118Abdelaziz OS, Waffa Z. http://www.ncbi.nlm.nih.gov/pubmed/?term=32687681
54. **Maternal and perinatal outcomes and pharmacological management of Covid-19 infection in pregnancy: a systematic review protocol.** Syst Rev 2020; 9:161Thomas B, Pallivalapila A, El Kassem W ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32682444
55. **COVID-19: Progress in diagnostics, therapy and vaccination.** Theranostics 2020; 10:7821-7835Liu X, Liu C, Liu G ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32685022
56. **SARS-CoV-2 infection in children.** Turk Pediatri Ars 2020; 55:95-102Cokugras H, Onal P. http://www.ncbi.nlm.nih.gov/pubmed/?term=32684754
57. **SARS-CoV-2 infection in children.** Turk Pediatri Ars 2020; 55:95-102Çokuğraş H, Önal P. http://www.ncbi.nlm.nih.gov/pubmed/?term=32684754
58. **Urologic oncology practice during COVID-19 pandemic: A systematic review on what can be deferrable vs. nondeferrable.** Urol. Oncol. 2020; Katims AB, Razdan S, Eilender BM ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32703636
59. **Antimalarial and cytotoxic drugs on COVID-19 and the cardiovascular burden: Literature review and lessons to be learned.** Vascular 2020:1708538120941635Sultan S, Acharya Y. http://www.ncbi.nlm.nih.gov/pubmed/?term=32691699

Risk factors (61 articles)

1. **Population-based Estimates for High Risk of Severe COVID-19 Disease due to Age and Underlying Health Conditions.** Acta Med Port 2020; Laires PA, Nunes C. http://www.ncbi.nlm.nih.gov/pubmed/?term=32707029
2. **Alcohol: a probable risk factor of COVID-19 severity.** Addiction 2020; Saengow U, Assanangkornchai S, Casswell S. http://www.ncbi.nlm.nih.gov/pubmed/?term=32688440
3. **ACE2 imbalance as a key player for the poor outcomes in COVID-19 patients with age-related comorbidities - Role of gut microbiota dysbiosis.** Ageing Res Rev 2020:101123Viana SD, Nunes S, Reis F. http://www.ncbi.nlm.nih.gov/pubmed/?term=32683039
4. **Risk of death by age and gender from CoVID-19 in Peru, March-May, 2020.** Aging (Albany NY) 2020; 12Munayco C, Chowell G, Tariq A ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32692724
5. **Associations between hypovitaminosis D and COVID-19: a narrative review.** Aging Clin. Exp. Res. 2020; Isaia G, Medico E. http://www.ncbi.nlm.nih.gov/pubmed/?term=32705585
6. **COVID-19 and associations with frailty and multimorbidity: a prospective analysis of UK Biobank participants.** Aging Clin. Exp. Res. 2020; Woolford SJ, D'Angelo S, Curtis EM ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32705587
7. **Risk of COVID-19 in oncohematological patients.** Am. J. Blood Res. 2020; 10:52-53Alcaraz R, Saiz-Rodriguez M, Cuevas B ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32685259
8. **Risk of COVID-19 in oncohematological patients.** Am. J. Blood Res. 2020; 10:52-53Alcaraz R, Saiz-Rodríguez M, Cuevas B ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32685259
9. **Clinical Characteristics and Predictors of Disease Progression in Severe Patients with COVID-19 Infection in Jiangsu Province, China: A Descriptive Study.** Am. J. Med. Sci. 2020; 360:120-128Huang M, Yang Y, Shang F ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32709280
10. **Atopy is predictive of a decreased need for hospitalization for COVID-19.** Ann. Allergy. Asthma. Immunol. 2020; Keswani A, Dhana K, Rosenthal JA ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32693208
11. **Genetic Polymorphisms Complicate COVID-19 Therapy: Pivotal Role of HO-1 in Cytokine Storm.** Antioxidants (Basel) 2020; 9Fakhouri EW, Peterson SJ, Kothari J ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32708430
12. **De Ritis ratio and biochemical parameters in COVID-19 patients.** Arch. Physiol. Biochem. 2020:1-5Yazar H, Kayacan Y, Ozdin M. http://www.ncbi.nlm.nih.gov/pubmed/?term=32683882
13. **The significance of case detection ratios for predictions on the outcome of an epidemic - a message from mathematical modelers.** Arch Public Health 2020; 78:63Fuhrmann J, Barbarossa MV. http://www.ncbi.nlm.nih.gov/pubmed/?term=32685147
14. **Assessment of serum ferritin as a biomarker in COVID-19: bystander or participant? Insights by comparison with other infectious and non-infectious diseases.** Biomarkers 2020:1-36Kappert K, Jahić A, Tauber R. http://www.ncbi.nlm.nih.gov/pubmed/?term=32700561
15. **Elevated Glucose Levels Favor SARS-CoV-2 Infection and Monocyte Response through a HIF-1α/Glycolysis-Dependent Axis.** Cell Metab. 2020; Codo AC, Davanzo GG, Monteiro LB ***et al.***

http://www.ncbi.nlm.nih.gov/pubmed/?term=32697943
16. **Defining the CD39/CD73 Axis in SARS-CoV-2 Infection: The CD73(-) Phenotype Identifies Polyfunctional Cytotoxic Lymphocytes.** Cells 2020; 9Ahmadi P, Hartjen P, Kohsar M ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32707842
17. **Coagulation Status and Venous Thromboembolism Risk in African Americans: A Potential Risk Factor in COVID-19.** Clin. Appl. Thromb. Hemost. 2020; 26:1076029620943671Frydman GH, Boyer EW, Nazarian RM ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32702995
18. **The angiotensin-converting enzyme 2 (ACE2) receptor in the prevention and treatment of COVID-19 are distinctly different paradigms.** Clin Hypertens 2020; 26:14McLachlan CS. http://www.ncbi.nlm.nih.gov/pubmed/?term=32685191
19. **Von Willebrand factor (vWF): marker of endothelial damage and thrombotic risk in COVID-19?** Clin Med (Lond) 2020; Ladikou EE, Sivaloganathan H, Milne KM ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32694169
20. **Lactate dehydrogenase elevations is associated with severity of COVID-19: a meta-analysis.** Crit Care 2020; 24:459Chen XY, Huang MY, Xiao ZW ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32709251
21. **Plasma levels of soluble ACE2are associated with sex, Metabolic Syndrome, and its biomarkers in a large cohort, pointing to a possible mechanism for increased severity in COVID-19.** Crit Care 2020; 24:452Kornilov SA, Lucas I, Jade K ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32698840
22. **Lipoprotein(a) and Its Potential Association with Thrombosis and Inflammation in COVID-19: a Testable Hypothesis.** Curr Atheroscler Rep 2020; 22:48Moriarty PM, Gorby LK, Stroes ES ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32710255
23. **COVID-19: Current prediction models unsuitable for practical use.** Deutsche Medizinische Wochenschrift 2020; 145:806-807Lichert F.
24. **Comorbid diabetes and the risk of disease severity or death among 8807 COVID-19 patients in China: a meta-analysis.** Diabetes Res Clin Pract 2020:108346Guo L, Shi Z, Zhang Y ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32710998
25. **Demographic and Clinical Features of Critically Ill Patients with COVID-19 in Greece: The Burden of Diabetes and Obesity.** Diabetes Res Clin Pract 2020:108331Halvatsiotis P, Kotanidou A, Tzannis K ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32682810
26. **Linear B-cell epitopes in the spike and nucleocapsid proteins as markers of SARS-CoV-2 exposure and disease severity.** EBioMedicine 2020; 58:102911Amrun SN, Lee CY, Lee B ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32711254
27. **Diagnostic groups and short-term outcomes in suspected COVID-19 cases treated in an emergency department.** Emergencias 2020; 32:242-252Martín-Sánchez FJ, González Del Castillo J, Valls Carbó A ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32692001
28. **Indoor air pollution (IAP) and pre-existing morbidities among under-5 children in India: are risk factors of coronavirus disease (COVID-19)?** Environ Pollut 2020; 266:115250Saha J, Chouhan P. http://www.ncbi.nlm.nih.gov/pubmed/?term=32693324
29. **Higher body mass index is an important risk factor in COVID-19 patients: a systematic review and meta-analysis.** Environ. Sci. Pollut. Res. Int. 2020; Malik VS, Ravindra K, Attri SV ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32710359
30. **Epigenetic mechanisms regulating COVID-19 infection.** Epigenetics 2020; Chlamydas S, Papavassiliou AG, Piperi C. http://www.ncbi.nlm.nih.gov/pubmed/?term=32686577
31. **Low plasma 25(OH) vitamin D level is associated with increased risk of COVID-19 infection: an Israeli population-based study.** Febs j 2020; Merzon E, Tworowski D, Gorohovski A ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32700398
32. **Immune Parameters and COVID-19 Infection - Associations With Clinical Severity and Disease Prognosis.** Front Cell Infect Microbiol 2020; 10:364Jesenak M, Brndiarova M, Urbancikova I ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32695683
33. **Impact of dementia on clinical outcomes in elderly patients with coronavirus 2019 (COVID-19): an experience in New York.** Geriatr Gerontol Int 2020; 20:732-734Miyashita S, Yamada T, Mikami T ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32691924
34. **ABO blood groups are not associated with risk of acquiring the SARS-CoV-2 infection in young adults.** Haematologica 2020; Boudin L, Janvier F, Bylicki O, Dutasta F. http://www.ncbi.nlm.nih.gov/pubmed/?term=32703796
35. **Rethinking Air Quality and Climate Change after COVID-19.** Int J Environ Res Public Health 2020; 17Ching J, Kajino M. http://www.ncbi.nlm.nih.gov/pubmed/?term=32708953
36. **Decrease in Ambient Fine Particulate Matter during COVID-19 Crisis and Corresponding Health Benefits in Seoul, Korea.** Int J Environ Res Public Health 2020; 17Han C, Hong YC. http://www.ncbi.nlm.nih.gov/pubmed/?term=32707971
37. **Baseline Chronic Comorbidity and Mortality in Laboratory-Confirmed COVID-19 Cases: Results from the PRECOVID Study in Spain.** Int J Environ Res Public Health 2020; 17Poblador-Plou B, Carmona-Pírez J, Ioakeim-Skoufa I ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32709002
38. **Mortality in COVID-19 disease patients: Correlating Association of Major histocompatibility complex (MHC) with severe acute respiratory syndrome 2 (SARS-CoV-2) variants.** Int J Infect Dis 2020; de Sousa E, Ligeiro D, Lérias JR ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32693089
39. **The COVID-19 Pandemic: Does Our Early Life Environment, Life Trajectory and Socioeconomic Status Determine Disease Susceptibility and Severity?** Int J Mol Sci 2020; 21Holuka C, Merz MP, Fernandes SB ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32707661
40. **Role of neutrophil-lymphocyte-ratio in the mortality of males diagnosed with COVID-19.** Iran J Microbiol 2020; 12:194-197Belice T, Demir I, Yuksel A. http://www.ncbi.nlm.nih.gov/pubmed/?term=32685114
41. **Role of neutrophil-lymphocyte-ratio in the mortality of males diagnosed with COVID-19.** Iran J Microbiol 2020; 12:194-197Belice T, Demir I, Yüksel A. http://www.ncbi.nlm.nih.gov/pubmed/?term=32685114
42. **Interleukin-6-based mortality risk model for hospitalised COVID-19 patients.** J Allergy Clin Immunol 2020; Rocio LG, Alberto UR, Paloma T ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32710975
43. **Geographic components of SARS-CoV-2 expansion: a hypothesis.** J Appl Physiol (1985) 2020; Joyce KE, Weaver SR, Lucas SJE. http://www.ncbi.nlm.nih.gov/pubmed/?term=32702272

44. **ADHD as a Risk Factor for Infection With Covid-19.** J Atten Disord 2020:1087054720943271Merzon E, Manor I, Rotem A ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32697120
45. **The Plasmatic Aldosterone and C-Reactive Protein Levels, and the Severity of Covid-19: The Dyhor-19 Study.** J Clin Med 2020; 9Villard O, Morquin D, Molinari N ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32708205
46. **Preexisting Comorbidities Predicting COVID-19 and Mortality in the UK Biobank Community Cohort.** J Gerontol A Biol Sci Med Sci 2020; Atkins JL, Masoli JAH, Delgado J ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32687551
47. **Association between tuberculosis and COVID-19 severity and mortality: a rapid systematic review and meta-analysis.** J Med Virol 2020; Gao Y, Liu M, Chen Y ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32687228
48. **Ambient Air Pollution, Meteorology, and COVID-19 Infection in Korea.** J Med Virol 2020; Hoang T, Thi Anh TT. http://www.ncbi.nlm.nih.gov/pubmed/?term=32691877
49. **ACE2, TMPRSS2, and Furin variants and SARS-CoV-2 infection in Madrid, Spain.** J Med Virol 2020; Torre-Fuentes L, Matías-Guiu J, Hernández-Lorenzo L ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32691890
50. **Risk factors and outcomes of COVID-19 in New York City; a retrospective cohort study.** J Med Virol 2020; van Gerwen M, Alsen M, Little C ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32706392
51. **COVID-19 and neurological disorders: are neurodegenerative or neuroimmunological diseases more vulnerable?** J. Neurol. 2020; Ferini-Strambi L, Salsone M. http://www.ncbi.nlm.nih.gov/pubmed/?term=32696341
52. **Angiotensin converting enzyme 2 at the interface between renin-angiotensin system inhibition and coronavirus disease 2019.** J. Physiol. 2020; Siri-Angkul N, Chattipakorn SC, Chattipakorn N. http://www.ncbi.nlm.nih.gov/pubmed/?term=32710575
53. **Contribution of monocytes and macrophages to the local tissue inflammation and cytokine storm in COVID-19: Lessons from SARS and MERS, and potential therapeutic interventions.** Life Sci 2020:118102Jafarzadeh A, Chauhan P, Saha B ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32687918
54. **Corona pandemic: Obesity increases risk of severe course of COVID-19.** MMW-Fortschritte der Medizin 2020; 162:32-33Müssig K.
55. **Selenium Deficiency Is Associated with Mortality Risk from COVID-19.** Nutrients 2020; 12Moghaddam A, Heller RA, Sun Q ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32708526
56. **Obesity is a risk factor for developing critical condition in COVID-19 patients: A systematic review and meta-analysis.** Obes Rev 2020; Foldi M, Farkas N, Kiss S ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32686331
57. **Obesity is a risk factor for developing critical condition in COVID-19 patients: A systematic review and meta-analysis.** Obes Rev 2020; Földi M, Farkas N, Kiss S ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32686331
58. **Insight into the Pediatric and Adult Dichotomy of COVID-19: Age-Related Differences in the Immune Response to SARS-CoV-2 infection.** Pediatr Pulmonol 2020; Fialkowski A, Gernez Y, Arya P ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32710693
59. **Coronavirus disease 2019 mortality: a multivariate ecological analysis in relation to ethnicity, population density, obesity, deprivation and pollution.** Public Health 2020; 185:261-263Bray I, Gibson A, White J. http://www.ncbi.nlm.nih.gov/pubmed/?term=32693249
60. **Continuously available ratio of SpO(2)/FiO(2) serves as a noninvasive prognostic marker for intensive care patients with COVID-19.** Respir Res 2020; 21:194Lu X, Jiang L, Chen T ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32698822
61. **Interferon: the invisible link between COVID-19 and BCGitis female protection?** Scand. J. Immunol. 2020:e12939Di Bella S, Cabas P, Antonello RM, Rizzo M. http://www.ncbi.nlm.nih.gov/pubmed/?term=32697854

Safety (11 articles)

1. **QT Interval Evaluation Associated With Use of Hydroxychloroquine with Combined Use of Azithromycin Among Hospitalized Children Positive for COVID-19.** Cardiol. Young 2020:1-15Tuncer T, Karaci M, Boga A ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32686633
2. **The syndrome of inappropriate antidiuresis in COVID-19 pneumonia: report of two cases.** Clin Kidney J 2020; 13:461-462Ravioli S, Niebuhr N, Ruchti C ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32695328
3. **Debunking Cannabidiol as a Treatment for COVID-19: Time for the FDA to Adopt a Focused Deterrence Model?** Cureus 2020; 12:e8671Shover CL, Humphreys K. http://www.ncbi.nlm.nih.gov/pubmed/?term=32699671
4. **Pharmacotherapeutic considerations for the management of cardiovascular diseases among hospitalized COVID-19 patients.** Expert Rev. Cardiovasc. Ther. 2020; Kow CS, Thiruchelvam K, Hasan SS. http://www.ncbi.nlm.nih.gov/pubmed/?term=32700573
5. **An overview of safety assessment of the medicines currently used in the treatment of COVID-19 disease.** Food Chem. Toxicol. 2020:111639Javorac D, Grahovac L, Manić L ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32707160
6. **Hydroxychloroquine in Dermatology and Beyond: Recent Update.** Indian Dermatol Online J 2020; 11:453-464Sardana K, Sinha S, Sachdeva S. http://www.ncbi.nlm.nih.gov/pubmed/?term=32695719
7. **Emerging treatments in COVID-19: Adverse drug reactions including drug hypersensitivities.** J Allergy Clin Immunol 2020; Manjaly Thomas ZR, Leuppi-Taegtmeyer A, Jamiolkowski D ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32710973
8. **Hydroxychloroquine in COVID-19 Therapy: Protection Versus Proarrhythmia.** J. Cardiovasc. Pharmacol. Ther. 2020:1074248420935740Stremmel C, Kellnar A, Massberg S, Kääb S. http://www.ncbi.nlm.nih.gov/pubmed/?term=32700555
9. **Treating COVID-19: Review of drug hypersensitivity reactions.** J. Investig. Allergol. Clin. Immunol. 2020:0Dordal Culla MT, Herrera-Lasso Regás V, Martí-Garrido J ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32700681

10. **Efficacy of ACEIs/ARBs versus CCBs on the progression of COVID-19 patients with hypertension in Wuhan: A hospital-based retrospective cohort study.** J Med Virol 2020; Liu X, Liu Y, Chen K ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32687223
11. **Antimalarial and cytotoxic drugs on COVID-19 and the cardiovascular burden: Literature review and lessons to be learned.** Vascular 2020:1708538120941635Sultan S, Acharya Y. http://www.ncbi.nlm.nih.gov/pubmed/?term=32691699

Treatment options (78 articles)

1. **The Role of Hyperbaric Oxygen Treatment for COVID-19: A Review.** Adv. Exp. Med. Biol. 2020; Paganini M, Bosco G, Perozzo FAG ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32696443
2. **Inducible Epithelial Resistance Against Coronavirus Pneumonia in Mice.** Am. J. Respir. Cell Mol. Biol. 2020; Evans SE, Tseng CK, Scott BL ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32706609
3. **Tongue diagnosis and treatment in traditional Chinese medicine for severe COVID-19: a case report.** Ann Palliat Med 2020; Liang K, Huang X, Chen H ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32692238
4. **Approaching Coronavirus Disease 2019: mechanisms of action of repurposed drugs with potential activity against SARS-CoV-2.** Biochem. Pharmacol. 2020:114169Lisi L, Lacal PM, Barbaccia ML, Graziani G. http://www.ncbi.nlm.nih.gov/pubmed/?term=32710969
5. **PARP-inhibitors in a non-oncological indication as COVID-19: Are we aware about its potential role as anti-thrombotic drugs? The discussion is open.** Biomed. Pharmacother. 2020; 130:110536Capoluongo E. http://www.ncbi.nlm.nih.gov/pubmed/?term=32688139
6. **Model-Informed Drug Repurposing: Viral Kinetic Modeling to Prioritize Rational Drug Combinations for COVID-19.** Br. J. Clin. Pharmacol. 2020; Dodds MG, Krishna R, Goncalves A, Rayner CR. http://www.ncbi.nlm.nih.gov/pubmed/?term=32693436
7. **THE RATIONALE FOR A MULTI-STEP THERAPEUTIC APPROACH BASED ON ANTIVIRALS, DRUGS, AND NUTRIENTS WITH IMMUNOMODULATORY ACTIVITY IN PATIENTS WITH CORONAVIRUS-SARS2-INDUCED DISEASE OF DIFFERENT SEVERITY.** Br. J. Nutr. 2020:1-37Fiorino S, Zippi M, Gallo C ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32703328
8. **QT Interval Evaluation Associated With Use of Hydroxychloroquine with Combined Use of Azithromycin Among Hospitalized Children Positive for COVID-19.** Cardiol. Young 2020:1-15Tuncer T, Karaci M, Boga A ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32686633
9. **Drugs targeting various stages of the SARS-CoV-2 life cycle: Exploring promising drugs for the treatment of Covid-19.** Cell. Signal. 2020:109721Poduri R, Joshi G, Jagadeesh G. http://www.ncbi.nlm.nih.gov/pubmed/?term=32711111
10. **Targeting SARS-CoV-2 RBD interface: a supervised computational data-driven approach to identify potential modulators.** ChemMedChem 2020; Gulotta MR, Lombino J, Perricone U ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32700795
11. **The minimal effect of zinc on the survival of hospitalized patients with Covid-19: an observational study.** Chest 2020; Yao JS, Paguio JA, Dee EC ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32710890
12. **Therapeutic blockade of inflammation in severe COVID-19 infection with intravenous n-acetylcysteine.** Clin Immunol 2020:108544Ibrahim H, Perl A, Smith D ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32707089
13. **Remdesivir for Severe COVID-19 versus a Cohort Receiving Standard of Care.** Clin Infect Dis 2020; Olender SA, Perez KK, Go AS ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32706859
14. **Acute peritoneal dialysis in the treatment of COVID-19-related acute kidney injury.** Clin Kidney J 2020; 13:269-273Ponce D, Balbi AL, Durand JB ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32695319
15. **Debunking Cannabidiol as a Treatment for COVID-19: Time for the FDA to Adopt a Focused Deterrence Model?** Cureus 2020; 12:e8671Shover CL, Humphreys K. http://www.ncbi.nlm.nih.gov/pubmed/?term=32699671
16. **The Role of Interleukin-6 Inhibitors in the Treatment of COVID-19 Infections: A Case Series.** Cureus 2020; 12:e8631Tadepalli S, Vanjarapu JMR, De Dona A ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32685300
17. **Lipoprotein(a) and Its Potential Association with Thrombosis and Inflammation in COVID-19: a Testable Hypothesis.** Curr Atheroscler Rep 2020; 22:48Moriarty PM, Gorby LK, Stroes ES ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32710255
18. **Current Trends and Future Approaches in Small-Molecule Therapeutics for COVID-19.** Curr Med Chem 2020; Laws M, Surani YM, Hasan MM ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32693756
19. **Plasma-derived therapy: can the survivors of COVID-19 help the defenseless?** Diagnosis (Berl) 2020; Majbour N, El-Agnaf O. http://www.ncbi.nlm.nih.gov/pubmed/?term=32692700
20. **Inhibition of SARS-CoV-2 entry through the ACE2/TMPRSS2 pathway: a promising approach for uncovering early COVID-19 drug therapies.** Eur. J. Clin. Pharmacol. 2020; Ragia G, Manolopoulos VG. http://www.ncbi.nlm.nih.gov/pubmed/?term=32696234
21. **COVID-19 treatment: Much research and testing, but far, few magic bullets against SARS-CoV-2 coronavirus.** Eur. J. Med. Chem. 2020; 203:112647Kouznetsov VV. http://www.ncbi.nlm.nih.gov/pubmed/?term=32693298
22. **Flavaglines as natural products targeting eIF4A and prohibitins: From traditional Chinese medicine to antiviral activity against coronaviruses.** Eur. J. Med. Chem. 2020; 203:112653Nebigil CG, Moog C, Vagner S ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32693294
23. **Advances in the possible treatment of COVID-19: A review.** Eur. J. Pharmacol. 2020:173372Chibber P, Haq SA, Ahmed I ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32682787
24. **Virology, pathogenesis, diagnosis and in-line treatment of COVID-19.** Eur. J. Pharmacol. 2020:173375Samudrala PK, Kumar P, Choudhary K ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32682788
25. **Monoclonal antibodies for the S2 subunit of spike of SARS-CoV-1 cross-react with the newly-emerged SARS-CoV-2.** Euro Surveill 2020; 25Zheng Z, Monteil VM, Maurer-Stroh S ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32700671

26. **Itolizumab, an anti-CD6 monoclonal antibody, as a potential treatment for COVID-19 complications.** Expert Opin Biol Ther 2020; Loganathan S, Athalye SN, Joshi SR. http://www.ncbi.nlm.nih.gov/pubmed/?term=32700604
27. **Hydroxychloroquine in the COVID-19 pandemic era: in pursuit of a rational use for prophylaxis of SARS-CoV-2 infection.** Expert Rev. Anti Infect. Ther. 2020; Infante M, Ricordi C, Alejandro R ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32693652
28. **Tocilizumab for patients with severe COVID-19: a retrospective, multi-centre study.** Expert Rev. Anti Infect. Ther. 2020; Tomasiewicz K, Piekarska A, Stempkowska-Rejek J ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32693650
29. **Coronavirus disease 2019 drug discovery through molecular docking.** F1000Res 2020; 9:502Singh S, Florez H. http://www.ncbi.nlm.nih.gov/pubmed/?term=32704354
30. **An overview of safety assessment of the medicines currently used in the treatment of COVID-19 disease.** Food Chem. Toxicol. 2020:111639Javorac D, Grahovac L, Manić L ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32707160
31. **Anti-COVID drugs: repurposing existing drugs or search for new complex entities, strategies and perspectives.** Future Med. Chem. 2020; Pawełczyk A, Zaprutko L. http://www.ncbi.nlm.nih.gov/pubmed/?term=32698626
32. **Mortality reduction in 46 severe Covid-19 patients treated with hyperimmune plasma. A proof of concept single arm multicenter trial.** Haematologica 2020; Perotti C, Baldanti F, Bruno R ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32703797
33. **Early use of tocilizumab in respiratory failure associated with acute COVID -19 pneumonia in recipients with solid organ transplantation.** IDCases 2020; 21:e00888Antony SJ, Singh J, de Jesus M, Lance J. http://www.ncbi.nlm.nih.gov/pubmed/?term=32685369
34. **Deciphering the co-adaptation of codon usage between respiratory coronaviruses and their human host uncovers candidate therapeutics for COVID-19.** Infect Genet Evol 2020:104471Nambou K, Anakpa M. http://www.ncbi.nlm.nih.gov/pubmed/?term=32707288
35. **Chloroquine and Hydroxychloroquine in Coronavirus Disease 2019 (COVID-19). Facts, Fiction & the Hype. A Critical Appraisal.** Int J Antimicrob Agents 2020:106101Khuroo MS, Sofi AA, Khuroo M. http://www.ncbi.nlm.nih.gov/pubmed/?term=32687949
36. **Protective Effect of Epigallocatechin-3-Gallate (EGCG) in Diseases with Uncontrolled Immune Activation: Could Such a Scenario Be Helpful to Counteract COVID-19?** Int J Mol Sci 2020; 21Menegazzi M, Campagnari R, Bertoldi M ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32708322
37. **Low-dose Whole-lung Irradiation for COVID-19 Pneumonia: Short Course Results.** Int. J. Radiat. Oncol. Biol. Phys. 2020; Ameri A, Rahnama N, Bozorgmehr R ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32707264
38. **Emerging treatments in COVID-19: Adverse drug reactions including drug hypersensitivities.** J Allergy Clin Immunol 2020; Manjaly Thomas ZR, Leuppi-Taegtmeyer A, Jamiolkowski D ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32710973
39. **In-Silico approach for identification of effective and stable inhibitors for COVID-19 main protease (M(pro)) from flavonoid based phytochemical constituents of Calendula officinalis.** J Biomol Struct Dyn 2020:1-16Das P, Majumder R, Mandal M, Basak P. http://www.ncbi.nlm.nih.gov/pubmed/?term=32705952
40. **Network analysis, sequence and structure dynamics of key proteins of coronavirus and human host, and molecular docking of selected phytochemicals of nine medicinal plants.** J Biomol Struct Dyn 2020:1-23Fatoki TH, Ibraheem O, Ogunyemi IO ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32686993
41. **Computational drug repurposing for the identification of SARS-CoV-2 main protease inhibitors.** J Biomol Struct Dyn 2020:1-7Fiorucci D, Milletti E, Orofino F ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32705942
42. **In-silico drug repurposing and molecular dynamics puzzled out potential SARS-CoV-2 main protease inhibitors.** J Biomol Struct Dyn 2020:1-12Ibrahim MAA, Abdelrahman AHM, Hegazy MF. http://www.ncbi.nlm.nih.gov/pubmed/?term=32684114
43. **Identification of a potential SARS-CoV2 inhibitor via molecular dynamics simulations and amino acid decomposition analysis.** J Biomol Struct Dyn 2020:1-16Razzaghi-Asl N, Ebadi A, Shahabipour S, Gholamin D. http://www.ncbi.nlm.nih.gov/pubmed/?term=32705953
44. **Hydroxychloroquine in COVID-19 Therapy: Protection Versus Proarrhythmia.** J. Cardiovasc. Pharmacol. Ther. 2020:1074248420935740Stremmel C, Kellnar A, Massberg S, Kääb S. http://www.ncbi.nlm.nih.gov/pubmed/?term=32700555
45. **Stem cell therapies for COVID-19: Strategy and application.** J. Cell. Biochem. 2020; Darabi R, Li Y. http://www.ncbi.nlm.nih.gov/pubmed/?term=32692858
46. **Update I. A systematic review on the efficacy and safety of chloroquine/hydroxychloroquine for COVID-19.** J Crit Care 2020; 59:176-190Cortegiani A, Ippolito M, Ingoglia G ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32683212
47. **Rituximab: a safe therapeutic option during the COVID-19 pandemic?** J Dermatolog Treat 2020:1-3Di Altobrando A, Patrizi A, Abbenante D, Bardazzi F. http://www.ncbi.nlm.nih.gov/pubmed/?term=32697610
48. **Pharmacotherapy in COVID-19 patients: A review of ACE2-raising drugs and their clinical safety.** J. Drug Target. 2020:1-35Akhtar S, Benter IF, Danjuma MI ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32700580
49. **An overview of the safety, clinical application and antiviral research of the COVID-19 therapeutics.** J Infect Public Health 2020; Wang D, Li Z, Liu Y. http://www.ncbi.nlm.nih.gov/pubmed/?term=32684351
50. **Treating COVID-19: Review of drug hypersensitivity reactions.** J. Investig. Allergol. Clin. Immunol. 2020:0Dordal Culla MT, Herrera-Lasso Regás V, Martí-Garrido J ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32700681
51. **The mechanistic rationale of drugs, Primary endpoints, Geographical distribution of clinical trials against Severe acute respiratory syndrome-related coronavirus-2: A Systematic Review.** J Med Virol 2020; Venkatesulu BP, Thoguluva Chandrasekar V, Girdhar P ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32706390
52. **Using "old" medications to fight new COVID-19: Re-purposing with a purpose.** J. Mol. Cell. Cardiol. 2020; Wang Y, Foo R, Thum T. http://www.ncbi.nlm.nih.gov/pubmed/?term=32687852

53. **Benzothiazoles as potential antiviral agents.** J. Pharm. Pharmacol. 2020; Asiri YI, Alsayari A, Muhsinah AB ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32705690
54. **Unrealized potential of drug repositioning in europe during COVID-19 and beyond: a physcian's perspective.** J Pharm Policy Pract 2020; 13:45Bayoumy AB, de Boer NKH, Ansari AR ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32695427
55. **The antiviral and coronavirus-host protein pathways inhibiting properties of herbs and natural compounds - Additional weapons in the fight against the COVID-19 pandemic?** J Tradit Complement Med 2020; 10:405-419Fuzimoto AD, Isidoro C. http://www.ncbi.nlm.nih.gov/pubmed/?term=32691005
56. **Dietary therapy and herbal medicine for COVID-19 prevention: A review and perspective.** J Tradit Complement Med 2020; 10:420-427Panyod S, Ho CT, Sheen LY. http://www.ncbi.nlm.nih.gov/pubmed/?term=32691006
57. **An updated insight into the molecular pathogenesis, secondary complications and potential therapeutics of COVID-19 pandemic.** Life Sci 2020:118105Jamwal S, Gautam A, Elsworth J ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32687917
58. **Evaluation of Current Therapies for COVID-19 Treatment.** Microorganisms 2020; 8Sethi A, Bach H. http://www.ncbi.nlm.nih.gov/pubmed/?term=32707942
59. **Countermeasures to Coronavirus Disease 2019: Are Immunomodulators Rational Treatment Options-A Critical Review of the Evidence.** Open Forum Infect Dis 2020; 7:ofaa219Chastain DB, Stitt TM, Ly PT ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32691007
60. **Small molecule therapeutics for COVID-19: repurposing of inhaled furosemide.** PeerJ 2020; 8:e9533Wang Z, Wang Y, Vilekar P ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32704455
61. **Cepharanthine: a review of the antiviral potential of a Japanese-approved alopecia drug in COVID-19.** Pharmacol. Rep. 2020; Rogosnitzky M, Okediji P, Koman I. http://www.ncbi.nlm.nih.gov/pubmed/?term=32700247
62. **Early IL-1 receptor blockade in severe inflammatory respiratory failure complicating COVID-19.** Proc Natl Acad Sci U S A 2020; Cauchois R, Koubi M, Delarbre D ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32699149
63. **In silico Drug Repurposing to combat COVID-19 based on Pharmacogenomics of Patient Transcriptomic Data.** Res Sq 2020; Das S, Camphausen K, Shankavaram U. http://www.ncbi.nlm.nih.gov/pubmed/?term=32702730
64. **Tocilizumab therapy in individuals with COVID-19 infection and hyperinflammatory state.** Respirology 2020; McCarthy C, Savinelli S, Feeney ER ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32696570
65. **Potential Repurposed Therapeutics and New Vaccines against COVID-19 and Their Clinical Status.** SLAS Discov 2020:2472555220945281Banday AH, Shameem SA, Ajaz SJ. http://www.ncbi.nlm.nih.gov/pubmed/?term=32692266
66. **Cellular Therapy: Shafts of Light Emerging for COVID-19.** Stem Cell Investig 2020; 7:11Jeyaraman M, Ranjan R, Kumar R ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32695804
67. **Mesenchymal stem cells: current clinical progress in ARDS and COVID-19.** Stem Cell. Res. Ther. 2020; 11:305Xiao K, Hou F, Huang X ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32698898
68. **Maternal and perinatal outcomes and pharmacological management of Covid-19 infection in pregnancy: a systematic review protocol.** Syst Rev 2020; 9:161Thomas B, Pallivalapila A, El Kassem W ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32682444
69. **Coronavirus Disease 2019 (COVID-19) and Transplantation: Pharmacotherapeutic Management of Immunosuppression Regimen.** Ther. Clin. Risk Manag. 2020; 16:617-629Mirjalili M, Shafiekhani M, Vazin A. http://www.ncbi.nlm.nih.gov/pubmed/?term=32694915
70. **COVID-19: Progress in diagnostics, therapy and vaccination.** Theranostics 2020; 10:7821-7835Liu X, Liu C, Liu G ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32685022
71. **Clinical efficacy of convalescent plasma for treatment of COVID-19 infections: Results of a multicenter clinical study.** Transfus. Apher. Sci. 2020:102875Abolghasemi H, Eshghi P, Cheraghali AM ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32694043
72. **Prolonged viral shedding in a lymphoma patient with COVID-19 infection receiving convalescent plasma.** Transfus. Apher. Sci. 2020:102871Karataş A, İnkaya A, Demiroğlu H ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32694044
73. **International Survey of Trials of Convalescent Plasma to Treat COVID-19 Infection.** Transfus Med Rev 2020; Murphy M, Estcourt L, Grant-Casey J, Dzik S. http://www.ncbi.nlm.nih.gov/pubmed/?term=32703664
74. **The use of hydroxychloroquine plus azithromycin and early hospital admission are beneficial in Covid-19 patients: Turkey experience with real-life data.** Turk J Med Sci 2020; Tanriverd IE, M CO, Yildirim BZ ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32682360
75. **The use of hydroxychloroquine plus azithromycin and early hospital admission are beneficial in Covid-19 patients: Turkey experience with real-life data.** Turk J Med Sci 2020; TanriverdİE, ÇÖrtÜk M, Yildirim BZ ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32682360
76. **Antimalarial and cytotoxic drugs on COVID-19 and the cardiovascular burden: Literature review and lessons to be learned.** Vascular 2020:1708538120941635Sultan S, Acharya Y. http://www.ncbi.nlm.nih.gov/pubmed/?term=32691699
77. **A Small-Scale Medication of Leflunomide as a Treatment of COVID-19 in an Open-Label Blank-Controlled Clinical Trial.** Virol Sin 2020; Hu K, Wang M, Zhao Y ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32696396
78. **Tiotropium is Predicted to be a Promising Drug for COVID-19 Through Transcriptome-Based Comprehensive Molecular Pathway Analysis.** Viruses 2020; 12Kang K, Kim HH, Choi Y. http://www.ncbi.nlm.nih.gov/pubmed/?term=32698440

Trials (17 articles)

1. **The minimal effect of zinc on the survival of hospitalized patients with Covid-19: an observational study.** Chest 2020; Yao JS, Paguio JA, Dee EC ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32710890
2. **Remdesivir for Severe COVID-19 versus a Cohort Receiving Standard of Care.** Clin Infect Dis 2020; Olender SA, Perez KK, Go AS ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32706859

3. **Tocilizumab for patients with severe COVID-19: a retrospective, multi-centre study.** Expert Rev. Anti Infect. Ther. 2020; Tomasiewicz K, Piekarska A, Stempkowska-Rejek J ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32693650
4. **Mortality reduction in 46 severe Covid-19 patients treated with hyperimmune plasma. A proof of concept single arm multicenter trial.** Haematologica 2020; Perotti C, Baldanti F, Bruno R ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32703797
5. **Baseline Chronic Comorbidity and Mortality in Laboratory-Confirmed COVID-19 Cases: Results from the PRECOVID Study in Spain.** Int J Environ Res Public Health 2020; 17Poblador-Plou B, Carmona-Pírez J, Ioakeim-Skoufa I ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32709002
6. **Acquired infection after intubating patients with COVID-19: A retrospective pilot study.** J. Clin. Anesth. 2020; 67:110006Zhang J, Sun M, Li N ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32711351
7. **Use of distinct anti-hypertensive drugs and risk for COVID-19 among hypertensive people: a population-based cohort study in Southern Catalonia, Spain.** J. Clin. Hypertens. (Greenwich) 2020; Vila-Corcoles A, Satue-Gracia E, Ochoa-Gondar O ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32710674
8. **The Plasmatic Aldosterone and C-Reactive Protein Levels, and the Severity of Covid-19: The Dyhor-19 Study.** J Clin Med 2020; 9Villard O, Morquin D, Molinari N ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32708205
9. **Nosocomial COVID-19 infection: examining the risk of mortality. The COPE-Nosocomial study (COVID in Older PEople).** J Hosp Infect 2020; Carter B, Collins JT, Barlow-Pay F ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32702463
10. **Efficacy of ACEIs/ARBs versus CCBs on the progression of COVID-19 patients with hypertension in Wuhan: A hospital-based retrospective cohort study.** J Med Virol 2020; Liu X, Liu Y, Chen K ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32687223
11. **The mechanistic rationale of drugs, Primary endpoints, Geographical distribution of clinical trials against Severe acute respiratory syndrome-related coronavirus-2: A Systematic Review.** J Med Virol 2020; Venkatesulu BP, Thoguluva Chandrasekar V, Girdhar P ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32706390
12. **Clinical efficacy of convalescent plasma for treatment of COVID-19 infections: Results of a multicenter clinical study.** Transfus. Apher. Sci. 2020:102875Abolghasemi H, Eshghi P, Cheraghali AM ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32694043
13. **A Scoping Review of Registered Clinical Trials of Cellular Therapy for COVID-19 and a Framework for Accelerated Synthesis of Trial Evidence-FAST Evidence.** Transfus Med Rev 2020; Liao G, Zheng K, Lalu MM ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32684483
14. **International Survey of Trials of Convalescent Plasma to Treat COVID-19 Infection.** Transfus Med Rev 2020; Murphy M, Estcourt L, Grant-Casey J, Dzik S. http://www.ncbi.nlm.nih.gov/pubmed/?term=32703664
15. **Efficacy of local budesonide therapy in the management of persistent hyposmia in COVID-19 patients without signs of severity: A structured summary of a study protocol for a randomised controlled trial.** Trials 2020; 21:666Daval M, Corré A, Palpacuer C ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32690074
16. **The use of hydroxychloroquine plus azithromycin and early hospital admission are beneficial in Covid-19 patients: Turkey experience with real-life data.** Turk J Med Sci 2020; Tanriverd IE, M CO, Yildirim BZ ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32682360
17. **A Small-Scale Medication of Leflunomide as a Treatment of COVID-19 in an Open-Label Blank-Controlled Clinical Trial.** Virol Sin 2020; Hu K, Wang M, Zhao Y ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32696396

Vaccines (15 articles)

1. **Designing Pull Funding For A COVID-19 Vaccine.** Health Aff (Millwood) 2020:101377hlthaff202000646Snyder CM, Hoyt K, Gouglas D ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32701395
2. **A Social and Behavioral Research Agenda to Facilitate COVID-19 Vaccine Uptake in the United States.** Health Secur 2020; Brunson EK, Schoch-Spana M. http://www.ncbi.nlm.nih.gov/pubmed/?term=32706599
3. **YouTube coverage of COVID-19 vaccine development: implications for awareness and uptake.** Hum Vaccin Immunother 2020:1-4Basch CH, Hillyer GC, Zagnit EA, Basch CE. http://www.ncbi.nlm.nih.gov/pubmed/?term=32701403
4. **Promise and challenges in the development of COVID-19 vaccines.** Hum Vaccin Immunother 2020:1-5Chen W. http://www.ncbi.nlm.nih.gov/pubmed/?term=32703069
5. **COVID-19 - Recent advancements in identifying novel vaccine candidates and current status of upcoming SARS-CoV-2 vaccines.** Hum Vaccin Immunother 2020:1-14Iqbal Yatoo M, Hamid Z, Parray OR ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32703064
6. **Social media and vaccine hesitancy: new updates for the era of COVID-19 and globalized infectious diseases.** Hum Vaccin Immunother 2020:1-8Puri N, Coomes EA, Haghbayan H, Gunaratne K. http://www.ncbi.nlm.nih.gov/pubmed/?term=32693678
7. **COVID-19 - Important considerations for developing and using a vaccine.** Hum Vaccin Immunother 2020:1-2Rahman IU, Ali N, Ijaz F ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32693665
8. **SARS-CoV-2 S1 is superior to the RBD as a COVID-19 subunit vaccine antigen.** J Med Virol 2020; Wang Y, Wang L, Cao H, Liu C. http://www.ncbi.nlm.nih.gov/pubmed/?term=32691875
9. **An in-silico approach to develop of a multi-epitope vaccine candidate against SARS-CoV-2 envelope (E) protein.** Res Sq 2020; Ghafouri F, Cohan RA, Noorbakhsh F ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32702713
10. **Potential Repurposed Therapeutics and New Vaccines against COVID-19 and Their Clinical Status.** SLAS Discov 2020:2472555220945281Banday AH, Shameem SA, Ajaz SJ. http://www.ncbi.nlm.nih.gov/pubmed/?term=32692266
11. **COVID-19: Progress in diagnostics, therapy and vaccination.** Theranostics 2020; 10:7821-7835Liu X, Liu C, Liu G ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32685022

12. **Planning for COVID-19 vaccines safety surveillance.** Vaccine 2020; Kochhar S, Salmon DA. http://www.ncbi.nlm.nih.gov/pubmed/?term=32684499
13. **A global agenda for older adult immunization in the COVID-19 era: A roadmap for action.** Vaccine 2020; Privor-Dumm LA, Poland GA, Barratt J ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32703743
14. **Identification and Analysis of Unstructured, Linear B-Cell Epitopes in SARS-CoV-2 Virion Proteins for Vaccine Development.** Vaccines (Basel) 2020; 8Corral-Lugo A, López-Siles M, López D ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32698423
15. **COVID-19: Mechanisms of Vaccination and Immunity.** Vaccines (Basel) 2020; 8Speiser DE, Bachmann MF. http://www.ncbi.nlm.nih.gov/pubmed/?term=32707833

Women – pregnancy (27 articles)

1. **Clinical Molecular Genetics Evaluation in Women with Reproductive Failures.** Am. J. Reprod. Immunol. 2020:e13313Bilal MY, Katara G, Dambaeva S ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32710571
2. **COVID-19: Current and future crisis planning in breast imaging.** Breast J 2020; Gerlach K, Phalak K, Patel M, Leung JWT. http://www.ncbi.nlm.nih.gov/pubmed/?term=32683734
3. **Fetal deaths in pregnancies with SARS-CoV-2 infection in Brazil: A case series.** Case Rep Womens Health 2020; 27:e00243Richtmann R, Torloni MR, Oyamada Otani AR ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32704477
4. **Berlin, April 22, 2020 - Don't be afraid of hospital treatment or hospital births in times of COVID-19.** Geburtshilfe Frauenheilkd. 2020; 80:579-580Scharl A, Albring C.
5. **Pregnancy, birth, and puerperium with SARS-CoV-2 and COVID-19.** Gynakologe 2020; Hagenbeck C, Pecks U, Fehm T ***et al.***
6. **Contraceptive Mandate, ACA Final Rules, And COVID-19.** Health Aff (Millwood) 2020:101377hlthaff202001265Keith K. http://www.ncbi.nlm.nih.gov/pubmed/?term=32687416
7. **Third Trimester Placentas of SARS-CoV-2-Positive Women: Histomorphology, including Viral Immunohistochemistry and in Situ Hybridization.** Histopathology 2020; Smithgall MC, Liu-Jarin X, Hamele-Bena D ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32692408
8. **Providing women's health care during COVID-19: Personal and professional challenges faced by health workers.** Int J Gynaecol Obstet 2020; Green L, Fateen D, Gupta D ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32692854
9. **COVID-19 and obstetric practice: A critical review of the Nigerian situation.** Int J Gynaecol Obstet 2020; Ijarotimi OA, Ubom AE, Olofinbiyi BA ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32698245
10. **Worldwide maternal deaths due to COVID-19: A brief review.** Int J Gynaecol Obstet 2020; Nakamura-Pereira M, Andreucci CB, de Oliveira Menezes M ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32706925
11. **SARS-CoV-2 in pregnancy: characteristics and outcomes of hospitalized and non-hospitalized women due to COVID-19.** J Matern Fetal Neonatal Med 2020:1-7Barbero P, Mugüerza L, Herraiz I ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32689846
12. **Vertical transmission of SARS CoV-2: a systematic review.** J Matern Fetal Neonatal Med 2020:1-8Deniz M, Tezer H. http://www.ncbi.nlm.nih.gov/pubmed/?term=32693656
13. **Perinatal management of SARS-CoV-2 infection in a level III University Hospital.** J Matern Fetal Neonatal Med 2020:1-4Pissarra S, Rosário M, Moucho M, Soares H. http://www.ncbi.nlm.nih.gov/pubmed/?term=32698646
14. **Outcomes of universal SARS-CoV-2 testing program in pregnant women admitted to hospital and the adjuvant role of lung ultrasound in screening: A prospective cohort study.** J Matern Fetal Neonatal Med 2020:1-22Yassa M, Yirmibes C, Cavusoglu G ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32691641
15. **COVID-19 and pregnancy: an opportunity to correct an historic gender bias.** J Med Virol 2020; Comas C, Carreras E. http://www.ncbi.nlm.nih.gov/pubmed/?term=32706391
16. **Feasibility and safety of urgently initiated maternal telemedicine in response to the spread of COVID-19: A 1-month report.** J. Obstet. Gynaecol. Res. 2020; Nakagawa K, Umazume T, Mayama M ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32691488
17. **Academic clinical learning environment in obstetrics and gynecology during the COVID-19 pandemic: responses and lessons learned.** J. Perinat. Med. 2020; Olson HL, Towner D, Hiraoka M ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32692706
18. **Coronavirus Disease 2019 (COVID-19): A Systematic Review of Pregnancy and the Possibility of Vertical Transmission.** J Reprod Infertil 2020; 21:157-168Ashraf MA, Keshavarz P, Hosseinpour P ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32685412
19. **Syndemic Perspectives to Guide Black Maternal Health Research and Prevention During the COVID-19 Pandemic.** Matern Child Health J 2020; Lemke MK, Brown KK. http://www.ncbi.nlm.nih.gov/pubmed/?term=32696248
20. **Statewide Implementation of Virtual Perinatal Home Visiting During COVID-19.** Matern Child Health J 2020; Marshall J, Kihlström L, Buro A ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32691359
21. **[Scoping review of coronavirus case series (SARS-CoV, MERS-CoV and SARS-CoV-2) and their obstetric and neonatal results].** Rev. Esp. Quimioter. 2020; Rodriguez-Blanco N, Vegara-Lopez I, Aleo-Giner L, Tuells J. http://www.ncbi.nlm.nih.gov/pubmed/?term=32683837
22. **[Scoping review of coronavirus case series (SARS-CoV, MERS-CoV and SARS-CoV-2) and their obstetric and neonatal results].** Rev. Esp. Quimioter. 2020; Rodríguez-Blanco N, Vegara-Lopez I, Aleo-Giner L, Tuells J. http://www.ncbi.nlm.nih.gov/pubmed/?term=32683837
23. **Interferon: the invisible link between COVID-19 and BCGitis female protection?** Scand. J. Immunol. 2020:e12939Di Bella S, Cabas P, Antonello RM, Rizzo M. http://www.ncbi.nlm.nih.gov/pubmed/?term=32697854
24. **Maternal and perinatal outcomes and pharmacological management of Covid-19 infection in pregnancy: a systematic review protocol.** Syst Rev 2020; 9:161Thomas B, Pallivalapila A, El Kassem W ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32682444
25. **The Turkish Neonatal Society proposal for the management of COVID-19 in the neonatal intensive care unit.** Turk Pediatri Ars 2020; 55:86-92Erdeve O, Cetinkaya M, Bas AY ***et al.***

http://www.ncbi.nlm.nih.gov/pubmed/?term=32684752
26. **The Turkish Neonatal Society proposal for the management of COVID-19 in the neonatal intensive care unit.** Turk Pediatri Ars 2020; 55:86-92Erdeve Ö, Çetinkaya M, Baş AY ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32684752
27. **Pregnant women voice their concerns and birth expectations during the COVID-19 pandemic in Italy.** Women Birth 2020; Ravaldi C, Wilson A, Ricca V ***et al.*** http://www.ncbi.nlm.nih.gov/pubmed/?term=32684343