

SARS-CoV-2 Cell Entry Depends on ACE2 and TMPRSS2 Protease Inhibitor

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Citation Report

#	ARTICLE	IF	CITATIONS
1	The good, the bad, and the ugly in chemical and biological data for machine learning. <i>Drug Discovery Today: Technologies</i> , 2019, 32-33, 3-8.	4.0	27
2	Pediatric Endocrinology in the Time of the COVID-19 Pandemic. <i>Hormone Research in Paediatrics</i> , 2019, 92, 345-346.	0.8	2
3	Anti-tuberculosis (TB) chemotherapy dynamically rescues Th1 and CD8+ T effector levels in Han Chinese pulmonary TB patients. <i>Microbes and Infection</i> , 2020, 22, 119-126.	1.0	10
4	Occult Colonic Perforation in a Patient With Coronavirus Disease 2019 After Interleukin-6 Receptor Antagonist Therapy. <i>Open Forum Infectious Diseases</i> , 2020, 7, ofaa424.	0.4	7
5	Predicting susceptibility to SARS-CoV-2 infection based on structural differences in ACE2 across species. <i>FASEB Journal</i> , 2020, 34, 15946-15960.	0.2	44
6	A review of severe acute respiratory syndrome coronavirus 2 infection in the reproductive system. <i>Journal of the Chinese Medical Association</i> , 2020, 83, 895-897.	0.6	19
7	Potential Immunotherapeutic Targets for Hypoxia Due to COVI-Flu. <i>Shock</i> , 2020, 54, 438-450.	1.0	19
8	Expression of SARS-CoV-2 receptor <i>ACE2</i> and the protease <i>TMPRSS2</i> suggests susceptibility of the human embryo in the first trimester. <i>Open Biology</i> , 2020, 10, 200162.	1.5	71
9	Special issue on COVID-19 and pregnancy: Consequences for maternal and neonatal health. <i>American Journal of Reproductive Immunology</i> , 2020, 84, e13354.	1.2	4
10	Angiotensin-converting enzyme inhibitors or angiotensin II receptor blockers and prognosis of hypertensive patients hospitalised with COVID-19. <i>Internal Medicine Journal</i> , 2020, 50, 1483-1491.	0.5	19
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13	Severe Acute Respiratory Syndrome Coronavirus 2, COVID-19, and the Renin-Angiotensin System. <i>Hypertension</i> , 2020, 76, 1350-1367.	1.3	46
14	COVID-19 pandemic: current knowledge about the role of pets and other animals in disease transmission. <i>Virology Journal</i> , 2020, 17, 143.	1.4	54
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16	In-silico drug repurposing study predicts the combination of pirfenidone and melatonin as a promising candidate therapy to reduce SARS-CoV-2 infection progression and respiratory distress caused by cytokine storm. <i>PLoS ONE</i> , 2020, 15, e0240149.	1.1	54
17	The Role of Type I Interferons in the Pathogenesis and Treatment of COVID-19. <i>Frontiers in Immunology</i> , 2020, 11, 595739.	2.2	90
18	COVID-19-Related Anosmia: The Olfactory Pathway Hypothesis and Early Intervention. <i>Frontiers in Neurology</i> , 2020, 11, 956.	1.1	38

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19	Iran's Approach to COVID-19: Evolving Treatment Protocols and Ongoing Clinical Trials. <i>Frontiers in Public Health</i> , 2020, 8, 551889.	1.3	40
20	The management of allergic diseases in children during the SARS-CoV-2 pandemic. <i>Alergologia Polska - Polish Journal of Allergology</i> , 2020, 7, 153-161.	0.0	1
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1843	COVID-19 pandemic and therapy with ibuprofen or renin-angiotensin system blockers: no need for interruptions or changes in ongoing chronic treatments. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2020, 393, 1131-1135.	1.4	19
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1845	Expression of ACE2, the SARS-CoV-2 Receptor, and TMPRSS2 in Prostate Epithelial Cells. <i>European Urology</i> , 2020, 78, 296-298.	0.9	110
1846	Mesenchymal stem cell (MSc) secretome: A possible therapeutic strategy for intensive-care COVID-19 patients. <i>Medical Hypotheses</i> , 2020, 142, 109769.	0.8	24

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1848	COVID-19: an unexpected indication for anti-rheumatic therapies?. <i>Rheumatology</i> , 2020, 59, 1200-1203.	0.9	10
1849	Hyperbaric oxygen therapy in preventing mechanical ventilation in COVID-19 patients: a retrospective case series. <i>Journal of Wound Care</i> , 2020, 29, S4-S8.	0.5	49
1850	SARS-CoV-2 coinfections: Could influenza and the common cold be beneficial?. <i>Journal of Medical Virology</i> , 2020, 92, 2623-2630.	2.5	70
1851	COVID-19, chronic inflammatory rheumatic disease and anti-rheumatic treatments. <i>Clinical Rheumatology</i> , 2020, 39, 2069-2075.	1.0	29
1852	Potential new treatment strategies for COVID-19: is there a role for bromhexine as add-on therapy?. <i>Internal and Emergency Medicine</i> , 2020, 15, 801-812.	1.0	57
1853	Implications for Neuromodulation Therapy to Control Inflammation and Related Organ Dysfunction in COVID-19. <i>Journal of Cardiovascular Translational Research</i> , 2020, 13, 894-899.	1.1	62
1854	Clinical impact of COVID-19 on patients with cancer (CCC19): a cohort study. <i>Lancet, The</i> , 2020, 395, 1907-1918.	6.3	1,395
1855	Investigate Oral Zinc as a Prophylactic Treatment for Those at Risk for COVID-19. <i>American Journal of Ophthalmology</i> , 2020, 216, A5-A6.	1.7	27
1856	Targeting Nephrylsin (NEP) pathways: A potential new hope to defeat COVID-19 ghost. <i>Biochemical Pharmacology</i> , 2020, 178, 114057.	2.0	33
1857	COVID-19: Transmission, prevention, and potential therapeutic opportunities. <i>Clinica Chimica Acta</i> , 2020, 508, 254-266.	0.5	629
1858	Role and mechanism of angiotensin-converting enzyme 2 in acute lung injury in coronavirus disease 2019. <i>Chronic Diseases and Translational Medicine</i> , 2020, 6, 98-105.	0.9	34
1859	SARS-CoV-2 Reverse Genetics Reveals a Variable Infection Gradient in the Respiratory Tract. <i>Cell</i> , 2020, 182, 429-446.e14.	18.5	1,257
1860	Clinical, molecular, and epidemiological characterization of the SARS-CoV-2 virus and the Coronavirus Disease 2019 (COVID-19), a comprehensive literature review. <i>Diagnostic Microbiology and Infectious Disease</i> , 2020, 98, 115094.	0.8	293
1861	Does asthma affect morbidity or severity of COVID-19?. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 146, 55-57.	1.5	39
1862	Debate on drugs that may aggravate COVID-19. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2020, 8, 2452-2453.	2.0	3
1863	Current evidence on pancreatic involvement in SARS-CoV-2 infection. <i>Pancreatology</i> , 2020, 20, 1013-1014.	0.5	29
1864	Cathepsin L-selective inhibitors: A potentially promising treatment for COVID-19 patients. , 2020, 213, 107587.		216

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1866	A review of potential treatments to date in COVID-19 patients according to the stage of the disease. <i>Current Research in Translational Medicine</i> , 2020, 68, 93-104.	1.2	18
1868	COVID-19 in rheumatic disease patients on immunosuppressive agents. <i>Seminars in Arthritis and Rheumatism</i> , 2020, 50, 680-686.	1.6	49
1869	Pharmacological Agents Targeting Thromboinflammation in COVID-19: Review and Implications for Future Research. <i>Thrombosis and Haemostasis</i> , 2020, 120, 1004-1024.	1.8	206
1870	Withanone and Withaferin-A are predicted to interact with transmembrane protease serine 2 (TMPRSS2) and block entry of SARS-CoV-2 into cells. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 1-13.	2.0	128
1871	Mechanistic inferences from clinical reports of SARS-CoV-2. <i>Infectious Diseases</i> , 2020, 52, 527-537.	1.4	4
1872	Low prevalence of bronchial asthma and chronic obstructive lung disease among intensive care unit patients with COVID-19. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 2703-2704.	2.7	53
1873	Newly diagnosed diabetes is associated with a higher risk of mortality than known diabetes in hospitalized patients with COVID-19. <i>Diabetes, Obesity and Metabolism</i> , 2020, 22, 1897-1906.	2.2	205
1874	COVID-19 and diabetes: Is there enough evidence?. <i>Journal of Clinical Hypertension</i> , 2020, 22, 943-948.	1.0	69
1875	Gene of the month: the 2019-nCoV/SARS-CoV-2 novel coronavirus spike protein. <i>Journal of Clinical Pathology</i> , 2020, 73, 366-369.	1.0	120
1876	SARS-CoV-2 perturbs the renin-angiotensin system and energy metabolism. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2020, 319, E43-E47.	1.8	24
1877	Liver injury in COVID-19: The current evidence. <i>United European Gastroenterology Journal</i> , 2020, 8, 509-519.	1.6	182
1878	Potential COVID-19 therapeutics from a rare disease: weaponizing lipid dysregulation to combat viral infectivity. <i>Journal of Lipid Research</i> , 2020, 61, 972-982.	2.0	42
1879	Methylation Pathways and SARS-CoV-2 Lung Infiltration and Cell Membrane-Virus Fusion Are Both Subject to Epigenetics. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 290.	1.8	55
1880	SARS-CoV-2: Viral Mechanisms and Possible Therapeutic Targets – What to Learn from Rheumatologists. <i>Journal of Rheumatology</i> , 2020, 47, 1588-1589.	1.0	3
1881	A recombinant <i>Lactobacillus plantarum</i> strain expressing the spike protein of SARS-CoV-2. <i>International Journal of Biological Macromolecules</i> , 2020, 160, 736-740.	3.6	47
1882	A review of therapeutic agents and Chinese herbal medicines against SARS-COV-2 (COVID-19). <i>Pharmacological Research</i> , 2020, 158, 104929.	3.1	95
1883	Management of newborns exposed to mothers with confirmed or suspected COVID-19. <i>Journal of Perinatology</i> , 2020, 40, 987-996.	0.9	30

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1885	Molecular and Serological Assays for SARS-CoV-2: Insights from Genome and Clinical Characteristics. <i>Clinical Chemistry</i> , 2020, 66, 1030-1046.	1.5	29
1886	The BTK inhibitor ibrutinib may protect against pulmonary injury in COVID-19-infected patients. <i>Blood</i> , 2020, 135, 1912-1915.	0.6	253
1887	A Structural View of SARS-CoV-2 RNA Replication Machinery: RNA Synthesis, Proofreading and Final Capping. <i>Cells</i> , 2020, 9, 1267.	1.8	400
1888	The dilemma of renin-angiotensin system inhibitors in coronavirus disease 2019 (COVID-19): insights into lung fluid handling and gas exchange in heart failure patients. <i>European Journal of Heart Failure</i> , 2020, 22, 926-928.	2.9	4
1889	Neuropathogenesis and Neurologic Manifestations of the Coronaviruses in the Age of Coronavirus Disease 2019. <i>JAMA Neurology</i> , 2020, 77, 1018.	4.5	748
1890	Fibrinolytic therapy for refractory COVID-19 acute respiratory distress syndrome: Scientific rationale and review. <i>Research and Practice in Thrombosis and Haemostasis</i> , 2020, 4, 524-531.	1.0	37
1891	Heparanase, cell signaling, and viral infections. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 5059-5077.	2.4	38
1892	Coronavirus Disease 2019 (COVID-19) and its implications for cardiovascular care: expert document from the German Cardiac Society and the World Heart Federation. <i>Clinical Research in Cardiology</i> , 2020, 109, 1446-1459.	1.5	51
1893	SARS-CoV-2 infection, male fertility and sperm cryopreservation: a position statement of the Italian Society of Andrology and Sexual Medicine (SIAMS) (Societ� Italiana di Andrologia e Medicina della) Tj ETQq1 1 0.784314 rgB89/Overlo	1.1	64
1894	SARS-CoV-2 entry in host cells-multiple targets for treatment and prevention. <i>Biochimie</i> , 2020, 175, 93-98.	1.3	61
1895	Interaction of the prototypical �-ketoamide inhibitor with the SARS-CoV-2 main protease active site in silico: Molecular dynamic simulations highlight the stability of the ligand-protein complex. <i>Computational Biology and Chemistry</i> , 2020, 87, 107292.	1.1	64
1896	Acute inflammation and pathogenesis of SARS-CoV-2 infection: Cannabidiol as a potential anti-inflammatory treatment?. <i>Cytokine and Growth Factor Reviews</i> , 2020, 53, 63-65.	3.2	43
1897	Ramipril in High-Risk Patients With COVID-19. <i>Journal of the American College of Cardiology</i> , 2020, 76, 268-276.	1.2	59
1898	Understanding the B and T cell epitopes of spike protein of severe acute respiratory syndrome coronavirus-2: A computational way to predict the immunogens. <i>Infection, Genetics and Evolution</i> , 2020, 84, 104382.	1.0	36
1899	Is the Rigidity of SARS-CoV-2 Spike Receptor-Binding Motif the Hallmark for Its Enhanced Infectivity? Insights from All-Atom Simulations. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 4785-4790.	2.1	147
1900	Immune response in COVID-19: addressing a pharmacological challenge by targeting pathways triggered by SARS-CoV-2. <i>Signal Transduction and Targeted Therapy</i> , 2020, 5, 84.	7.1	486
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1903	Angiotensin-converting enzyme inhibitors, angiotensin II receptor blockers and coronavirus. <i>Journal of Hypertension</i> , 2020, 38, 1190-1191.	0.3	25
1904	Animal models of mechanisms of SARS-CoV-2 infection and COVID-19 pathology. <i>British Journal of Pharmacology</i> , 2020, 177, 4851-4865.	2.7	158
1905	COVID-19: Structural predictions of viral success. <i>International Journal of Clinical Practice</i> , 2020, 74, e13568.	0.8	0
1906	Sex-based dimorphism in the SARS-CoV2 virulence. <i>Journal of Internal Medicine</i> , 2020, 288, 477-478.	2.7	2
1907	COVID-19 and renin-angiotensin system inhibition: role of angiotensin converting enzyme 2 (ACE2) - Is there any scientific evidence for controversy?. <i>Journal of Internal Medicine</i> , 2020, 288, 410-421.	2.7	38
1908	A novel simple scoring model for predicting severity of patients with SARS-CoV-2 infection. <i>Transboundary and Emerging Diseases</i> , 2020, 67, 2823-2829.	1.3	59
1909	Molecular Targets in the Chemotherapy of Coronavirus Infection. <i>Biochemistry (Moscow)</i> , 2020, 85, 523-530.	0.7	10
1910	The COVID-19 Pandemic: A Challenge for the Cardiovascular Health. <i>Current Cardiology Reviews</i> , 2020, 16, vi-xi.	0.6	2
1911	Why have nanotechnologies been underutilized in the global uprising against the coronavirus pandemic?. <i>Nanomedicine</i> , 2020, 15, 1719-1734.	1.7	42
1912	Lung Surfactant for Pulmonary Barrier Restoration in Patients With COVID-19 Pneumonia. <i>Frontiers in Medicine</i> , 2020, 7, 254.	1.2	70
1913	COVID-19: Emergence, Spread, Possible Treatments, and Global Burden. <i>Frontiers in Public Health</i> , 2020, 8, 216.	1.3	168
1914	Smoking-Mediated Upregulation of the Androgen Pathway Leads to Increased SARS-CoV-2 Susceptibility. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3627.	1.8	36
1915	Cannabinoid Receptor Type 2: A Possible Target in SARS-CoV-2 (CoV-19) Infection?. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3809.	1.8	58
1916	Potential Therapeutic Targeting of Coronavirus Spike Glycoprotein Priming. <i>Molecules</i> , 2020, 25, 2424.	1.7	18
1917	Cardiac injuries in coronavirus disease 2019 (COVID-19). <i>Journal of Molecular and Cellular Cardiology</i> , 2020, 145, 25-29.	0.9	26
1918	Computational Determination of Potential Inhibitors of SARS-CoV-2 Main Protease. <i>Journal of Chemical Information and Modeling</i> , 2020, 60, 5771-5780.	2.5	118
1919	Decoding SARS-CoV-2 Transmission and Evolution and Ramifications for COVID-19 Diagnosis, Vaccine, and Medicine. <i>Journal of Chemical Information and Modeling</i> , 2020, 60, 5853-5865.	2.5	91

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1921	Considering how biological sex impacts immune responses and COVID-19 outcomes. <i>Nature Reviews Immunology</i> , 2020, 20, 442-447.	10.6	681
1922	ACE2 Expression Is Increased in the Lungs of Patients With Comorbidities Associated With Severe COVID-19. <i>Journal of Infectious Diseases</i> , 2020, 222, 556-563.	1.9	302
1923	C1 esterase inhibitor and the contact system in COVID-19. <i>British Journal of Haematology</i> , 2020, 190, 520-524.	1.2	35
1924	Pneumatosis intestinalis in COVID-19. <i>BMJ Open Gastroenterology</i> , 2020, 7, e000434.	1.1	34
1925	A multiscale model of virus pandemic: Heterogeneous interactive entities in a globally connected world. <i>Mathematical Models and Methods in Applied Sciences</i> , 2020, 30, 1591-1651.	1.7	105
1926	Consideration of Pannexin 1 channels in COVID-19 pathology and treatment. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020, 319, L121-L125.	1.3	24
1927	Cigarette Smoking and COVID-19: A Complex Interaction. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 202, 471-472.	2.5	44
1928	SARS-CoV-2 COVID-19 susceptibility and lung inflammatory storm by smoking and vaping. <i>Journal of Inflammation</i> , 2020, 17, 21.	1.5	73
1929	Personalized prediction of human diseases with single-sample dynamic network biomarkers. <i>Biomarkers in Medicine</i> , 2020, 14, 615-620.	0.6	2
1930	Human gene and disease associations for clinical genomics and precision medicine research. <i>Clinical and Translational Medicine</i> , 2020, 10, 297-318.	1.7	57
1931	Drug repurposing using computational methods to identify therapeutic options for COVID-19. <i>Journal of Diabetes and Metabolic Disorders</i> , 2020, 19, 691-699.	0.8	45
1932	The impact of ethnicity on clinical outcomes in COVID-19: A systematic review. <i>EClinicalMedicine</i> , 2020, 23, 100404.	3.2	442
1933	Current emerging SARS-CoV-2 pandemic: Potential direct/indirect negative impacts of virus persistence and related therapeutic drugs on the aquatic compartments. <i>Environmental Research</i> , 2020, 188, 109808.	3.7	40
1934	Virtual screening, ADME/Tox predictions and the drug repurposing concept for future use of old drugs against the COVID-19. <i>Life Sciences</i> , 2020, 256, 117963.	2.0	58
1935	Autophagy as an emerging target for COVID-19: lessons from an old friend, chloroquine. <i>Autophagy</i> , 2020, 16, 2260-2266.	4.3	54
1936	Physiological advantages of children against COVID-19. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2020, 109, 1691-1691.	0.7	8
1937	Is targeting Akt a viable option to treat advanced-stage COVID-19 patients?. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020, 319, L45-L47.	1.3	24

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1939	Redox-Modulating Agents in the Treatment of Viral Infections. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4084.	1.8	85
1940	The Anticoagulant Nafamostat Potently Inhibits SARS-CoV-2 S Protein-Mediated Fusion in a Cell Fusion Assay System and Viral Infection In Vitro in a Cell-Type-Dependent Manner. <i>Viruses</i> , 2020, 12, 629.	1.5	232
1941	Baricitinib: A Review of Pharmacology, Safety, and Emerging Clinical Experience in COVID-19. <i>Pharmacotherapy</i> , 2020, 40, 843-856.	1.2	144
1942	Cardiovascular Implications and Therapeutic Considerations in COVID-19 Infection. <i>Cardiology and Therapy</i> , 2020, 9, 293-305.	1.1	11
1944	Which type of cancer patients are more susceptible to the SARS-COX-2: Evidence from a meta-analysis and bioinformatics analysis. <i>Critical Reviews in Oncology/Hematology</i> , 2020, 153, 103032.	2.0	32
1945	Potential inhibitors of the interaction between ACE2 and SARS-CoV-2 (RBD), to develop a drug. <i>Life Sciences</i> , 2020, 256, 117970.	2.0	45
1946	Obesity is the comorbidity more strongly associated for Covid-19 in Mexico. A case-control study. <i>Obesity Research and Clinical Practice</i> , 2020, 14, 375-379.	0.8	99
1947	Aspectos y consideraciones generales en la enfermedad inflamatoria intestinal durante la pandemia por COVID-19. <i>Revista De GastroenterologÃa De MÃ©xico</i> , 2020, 85, 295-302.	0.4	10
1948	Inhibitors of SARS-CoV-2 Entry: Current and Future Opportunities. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 12256-12274.	2.9	183
1949	Prolonged SARS-CoV-2 shedding and mild course of COVID-19 in a patient after recent heart transplantation. <i>American Journal of Transplantation</i> , 2020, 20, 3239-3245.	2.6	57
1950	A compendium answering 150 questions on COVID-19 and SARS-CoV-2. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 2503-2541.	2.7	95
1951	Review of practical recommendations for otolaryngologists and head and neck surgeons during the COVID-19 pandemic. <i>Auris Nasus Larynx</i> , 2020, 47, 544-558.	0.5	16
1952	Autoinflammatory and autoimmune conditions at the crossroad of COVID-19. <i>Journal of Autoimmunity</i> , 2020, 114, 102506.	3.0	248
1953	ACE2 and TMPRSS2 are expressed on the human ocular surface, suggesting susceptibility to SARS-CoV-2 infection. <i>Ocular Surface</i> , 2020, 18, 537-544.	2.2	262
1954	Boceprevir, GC-376, and calpain inhibitors II, XII inhibit SARS-CoV-2 viral replication by targeting the viral main protease. <i>Cell Research</i> , 2020, 30, 678-692.	5.7	662
1955	Obesity as a risk factor for COVID-19: an overview. <i>Critical Reviews in Food Science and Nutrition</i> , 2021, 61, 2262-2276.	5.4	102
1956	Surviving the first <scp>COVID</scp>-19 wave and learning lessons for the second. <i>European Journal of Heart Failure</i> , 2020, 22, 975-977.	2.9	12

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1958	Critical Role of Type III Interferon in Controlling SARS-CoV-2 Infection in Human Intestinal Epithelial Cells. Cell Reports, 2020, 32, 107863.	2.9	295
1959	Paromomycin: A potential dual targeted drug effectively inhibits both spike (S1) and main protease of COVID-19. International Journal of Infectious Diseases, 2020, 98, 166-175.	1.5	30
1960	Comparative analysis of SARS-CoV-2 receptor ACE2 expression in multiple solid tumors and matched non-diseased tissues. Infection, Genetics and Evolution, 2020, 85, 104428.	1.0	11
1961	SARS-CoV-2: diagnostic and design conundrums in the context of male factor infertility. Reproductive BioMedicine Online, 2020, 41, 365-369.	1.1	10
1962	Nanotechnology for COVID-19: Therapeutics and Vaccine Research. ACS Nano, 2020, 14, 7760-7782.	7.3	289
1963	<i>In silico</i> identification of potential inhibitors from Cinnamon against main protease and spike glycoprotein of SARS CoV-2. Journal of Biomolecular Structure and Dynamics, 2021, 39, 4618-4632.	2.0	108
1964	Anosmia in COVID-19: Mechanisms and Significance. Chemical Senses, 2020, 45, 423-428.	1.1	93
1965	A neutralizing human antibody binds to the N-terminal domain of the Spike protein of SARS-CoV-2. Science, 2020, 369, 650-655.	6.0	1,292
1966	Cardiac injury is associated with severe outcome and death in patients with Coronavirus disease 2019 (COVID-19) infection: A systematic review and meta-analysis of observational studies. European Heart Journal: Acute Cardiovascular Care, 2020, 9, 665-677.	0.4	46
1967	COVID-19 and the endothelium. Clinical Hemorheology and Microcirculation, 2020, 75, 7-11.	0.9	80
1968	Coronavirus Disease 2019 (COVID-19): A Short Review on Hematological Manifestations. Pathogens, 2020, 9, 493.	1.2	79
1969	COVID-19 and cardiovascular disease in elderly patients: a challenge in the challenge. Geriatric Care, 2020, 6, .	0.2	1
1970	Tackling SARS-CoV-2: proposed targets and repurposed drugs. Future Medicinal Chemistry, 2020, 12, 1579-1601.	1.1	46
1971	How do healthcare workers in diagnostic imaging minimise risks but maximise performance during the COVID-19 pandemic?. Australasian Journal of Ultrasound in Medicine, 2020, 23, 87-89.	0.3	0
1972	SARS-CoV-2 and cardiovascular complications: From molecular mechanisms to pharmaceutical management. Biochemical Pharmacology, 2020, 178, 114114.	2.0	89
1974	Molecular Diagnosis of COVID-19: Challenges and Research Needs. Analytical Chemistry, 2020, 92, 10196-10209.	3.2	294
1975	Syrian hamsters as a small animal model for SARS-CoV-2 infection and countermeasure development. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 16587-16595.	3.3	912

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1977	SARS-CoV-2 infection in kidney transplant recipients: Experience of the Italian Marche region. <i>Transplant Infectious Disease</i> , 2020, 22, e13377.	0.7	22
1978	Application of System Biology to Explore the Association of Neprilysin, Angiotensin-Converting Enzyme 2 (ACE2), and Carbonic Anhydrase (CA) in Pathogenesis of SARS-CoV-2. <i>Biological Procedures Online</i> , 2020, 22, 11.	1.4	32
1979	Flattening the COVID-19 Curve With Natural Killer Cell Based Immunotherapies. <i>Frontiers in Immunology</i> , 2020, 11, 1512.	2.2	126
1980	Structures of Human Antibodies Bound to SARS-CoV-2 Spike Reveal Common Epitopes and Recurrent Features of Antibodies. <i>Cell</i> , 2020, 182, 828-842.e16.	13.5	724
1981	In-Hospital Use of Statins Is Associated with a Reduced Risk of Mortality among Individuals with COVID-19. <i>Cell Metabolism</i> , 2020, 32, 176-187.e4.	7.2	400
1982	Omics-Driven Systems Interrogation of Metabolic Dysregulation in COVID-19 Pathogenesis. <i>Cell Metabolism</i> , 2020, 32, 188-202.e5.	7.2	383
1983	Cross-neutralization of SARS-CoV-2 by a human monoclonal SARS-CoV antibody. <i>Nature</i> , 2020, 583, 290-295.	13.7	1,695
1984	Guideline for the management of COVID-19 patients during hospital admission in a non-intensive care setting. <i>European Clinical Respiratory Journal</i> , 2020, 7, 1761677.	0.7	26
1985	Understanding the age divide in COVID-19: why are children overwhelmingly spared?. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020, 319, L39-L44.	1.3	80
1986	Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2): a review. <i>Molecular Cancer</i> , 2020, 19, 100.	7.9	72
1987	Molecular Insights Into SARS COV-2 Interaction With Cardiovascular Disease: Role of RAAS and MAPK Signaling. <i>Frontiers in Pharmacology</i> , 2020, 11, 836.	1.6	47
1988	Broad-Spectrum Coronavirus Fusion Inhibitors to Combat COVID-19 and Other Emerging Coronavirus Diseases. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3843.	1.8	37
1989	Cerebrovascular and Neurological Dysfunction under the Threat of COVID-19: Is There a Comorbid Role for Smoking and Vaping?. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3916.	1.8	26
1990	COVID-19 Related Coagulopathy: A Distinct Entity?. <i>Journal of Clinical Medicine</i> , 2020, 9, 1651.	1.0	83
1991	A Review on SARS-CoV-2 Virology, Pathophysiology, Animal Models, and Anti-Viral Interventions. <i>Pathogens</i> , 2020, 9, 426.	1.2	47
1992	Role of Aging and the Immune Response to Respiratory Viral Infections: Potential Implications for COVID-19. <i>Journal of Immunology</i> , 2020, 205, 313-320.	0.4	60
1993	Novel therapeutic approaches for treatment of COVID-19. <i>Journal of Molecular Medicine</i> , 2020, 98, 789-803.	1.7	42

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1994	COVID-19: is there a link between the course of infection and pharmacological agents in diabetes?. <i>Journal of Endocrinological Investigation</i> , 2020, 43, 1053-1060.	1.8	36
1995	Considerations for Heart Failure Care During the COVID-19 Pandemic. <i>JACC: Heart Failure</i> , 2020, 8, 681-691.	1.9	89
1996	Targeting SARS-CoV-2 receptors as a means for reducing infectivity and improving antiviral and immune response: an algorithm-based method for overcoming resistance to antiviral agents. <i>Emerging Microbes and Infections</i> , 2020, 9, 1397-1406.	3.0	49
1997	Distribution of ACE2, CD147, CD26, and other SARS-CoV-2 associated molecules in tissues and immune cells in health and in asthma, COPD, obesity, hypertension, and COVID-19 risk factors. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 2829-2845.	2.7	403
1998	A lesson from a saboteur: High MW kininogen impact in coronavirus-induced disease 2019. <i>British Journal of Pharmacology</i> , 2020, 177, 4866-4872.	2.7	32
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2007	Gastrointestinal and liver manifestations in patients with COVID-19. <i>Journal of the Chinese Medical Association</i> , 2020, 83, 521-523.	0.6	165
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2478	Novel 2019 coronavirus: Genome structure, clinical trials, and outstanding questions. <i>Experimental Biology and Medicine</i> , 2020, 245, 964-969.	1.1	23
2479	Covid-19, TMPRSS2, and whether androgen regulation affects pandemic virus gender incidence and age distribution of disease. <i>Medical Hypotheses</i> , 2020, 140, 109773.	0.8	4
2480	Severe respiratory SARS-CoV2 infection: Does ACE2 receptor matter?. <i>Respiratory Medicine</i> , 2020, 168, 105996.	1.3	143
2481	Rising Concern on Damaged Testis of COVID-19 Patients. <i>Urology</i> , 2020, 142, 42.	0.5	28
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2483	A Review of SARS-CoV-2 and the Ongoing Clinical Trials. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2657.	1.8	530
2484	Brief Summary of Potential SARS-CoV-2 Prophylactic and Treatment Drugs in the Emergency Department. <i>Western Journal of Emergency Medicine</i> , 2020, 21, 510-513.	0.6	1
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2502	Advances in COVID-19: the virus, the pathogenesis, and evidence-based control and therapeutic strategies. <i>Frontiers of Medicine</i> , 2020, 14, 117-125.	1.5	69
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2516	COVID-19 Clinical Trials. <i>JACC Basic To Translational Science</i> , 2020, 5, 501-517.	1.9	16
2517	COVID-19 Clinical Trials. <i>JACC: CardioOncology</i> , 2020, 2, 254-269.	1.7	12
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2522	The need for urogenital tract monitoring in COVID-19. <i>Nature Reviews Urology</i> , 2020, 17, 314-315.	1.9	78
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2568	Outbreak of SARS-CoV2: Pathogenesis of infection and cardiovascular involvement. <i>Hellenic Journal of Cardiology</i> , 2021, 62, 13-23.	0.4	37
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2613	Lack of association of antihypertensive drugs with the risk and severity of COVID-19: A meta-analysis. Journal of Cardiology, 2021, 77, 482-491.	0.8	49
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2618	Cytokine storm syndrome in coronavirus disease 2019: A narrative review. Journal of Internal Medicine, 2021, 289, 147-161.	2.7	177
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2763	New vaccine production platforms used in developing SARS-CoV-2 vaccine candidates. <i>Vaccine</i> , 2021, 39, 197-201.	1.7	67
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2774	Antiviral drugs targeting endosomal membrane proteins inhibit distant animal and human pathogenic viruses. <i>Antiviral Research</i> , 2021, 186, 104990.	1.9	23
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2929	Myocarditis and coronary aneurysms in a child with acute respiratory syndrome coronavirus 2. <i>ESC Heart Failure</i> , 2021, 8, 761-765.	1.4	9
2930	The role of NO in COVID-19 and potential therapeutic strategies. <i>Free Radical Biology and Medicine</i> , 2021, 163, 153-162.	1.3	82
2931	Identification of SARS-CoV-2 inhibitors using lung and colonic organoids. <i>Nature</i> , 2021, 589, 270-275.	13.7	389
2932	Can drug repurposing strategies be the solution to the COVID-19 crisis?. <i>Expert Opinion on Drug Discovery</i> , 2021, 16, 605-612.	2.5	19
2933	Pre-existing COPD is associated with an increased risk of mortality and severity in COVID-19: a rapid systematic review and meta-analysis. <i>Expert Review of Respiratory Medicine</i> , 2021, 15, 705-716.	1.0	42
2934	Persistence of SARS-CoV-2 in the first trimester placenta leading to transplacental transmission and fetal demise from an asymptomatic mother. <i>Human Reproduction</i> , 2021, 36, 899-906.	0.4	70
2935	The effect of angiotensin-converting enzyme levels on COVID-19 susceptibility and severity: a Mendelian randomization study. <i>International Journal of Epidemiology</i> , 2021, 50, 75-86.	0.9	10
2936	Silent hypoxaemia in COVID-19 patients. <i>Journal of Physiology</i> , 2021, 599, 1057-1065.	1.3	64
2937	Spike Glycoprotein and Host Cell Determinants of SARS-CoV-2 Entry and Cytopathic Effects. <i>Journal of Virology</i> , 2021, 95, .	1.5	70
2938	Mesenchymal stromal cells to fight SARS-CoV-2: Taking advantage of a pleiotropic therapy. <i>Cytokine and Growth Factor Reviews</i> , 2021, 58, 114-133.	3.2	17
2939	Prognostic value of liver biochemical parameters for COVID-19 mortality. <i>Annals of Hepatology</i> , 2021, 21, 100279.	0.6	17
2940	Viral regulation of mRNA export with potentials for targeted therapy. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2021, 1864, 194655.	0.9	3
2941	Identifying and repurposing antiviral drugs against severe acute respiratory syndrome coronavirus 2 with in silico and in vitro approaches. <i>Biochemical and Biophysical Research Communications</i> , 2021, 538, 137-144.	1.0	12
2942	3D culture models to study SARS-CoV-2 infectivity and antiviral candidates: From spheroids to bioprinting. <i>Biomedical Journal</i> , 2021, 44, 31-42.	1.4	27
2943	The inhibitory effect of a coronavirus spike protein fragment with ACE2. <i>Biophysical Journal</i> , 2021, 120, 1001-1010.	0.2	13
2944	Genetic analysis of SARS-CoV-2 isolates collected from Bangladesh: Insights into the origin, mutational spectrum and possible pathomechanism. <i>Computational Biology and Chemistry</i> , 2021, 90, 107413.	1.1	16
2945	Cardiometabolic vigilance in COVID-19 and resource husbandry in resource-challenged times: Clinical practice-based expert opinion. <i>Diabetes and Metabolic Syndrome: Clinical Research and Reviews</i> , 2021, 15, 55-62.	1.8	0

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2946	Drug Inhibition of SARS-CoV-2 Replication in Human Pluripotent Stem Cellâ€‘Derived Intestinal Organoids. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2021, 11, 935-948.	2.3	69
2947	More than ACE2? NRP1 may play a central role in the underlying pathophysiological mechanism of olfactory dysfunction in COVID-19 and its association with enhanced survival. <i>Medical Hypotheses</i> , 2021, 146, 110406.	0.8	43
2948	Alveolar epithelial cell type II as main target of SARS-CoV-2 virus and COVID-19 development via NF-Kb pathway deregulation: A physio-pathological theory. <i>Medical Hypotheses</i> , 2021, 146, 110412.	0.8	75
2949	Analysis of sex hormones and menstruation in COVID-19 women of child-bearing age. <i>Reproductive BioMedicine Online</i> , 2021, 42, 260-267.	1.1	198
2950	Technical considerations to development of serological tests for SARS-CoV-2. <i>Talanta</i> , 2021, 224, 121883.	2.9	27
2951	SARS-CoV-2 replicates in respiratory ex vivo organ cultures of domestic ruminant species. <i>Veterinary Microbiology</i> , 2021, 252, 108933.	0.8	48
2952	Next-generation computational tools and resources for coronavirus research: From detection to vaccine discovery. <i>Computers in Biology and Medicine</i> , 2021, 128, 104158.	3.9	14
2953	In Silico Study of Coumarins and Quinolines Derivatives as Potent Inhibitors of SARS-CoV-2 Main Protease. <i>Frontiers in Chemistry</i> , 2020, 8, 595097.	1.8	28
2954	Genome-Scale Identification of SARS-CoV-2 and Pan-coronavirus Host Factor Networks. <i>Cell</i> , 2021, 184, 120-132.e14.	13.5	328
2955	Cell-Type-Specific Immune Dysregulation in Severely Ill COVID-19 Patients. <i>Cell Reports</i> , 2021, 34, 108590.	2.9	116
2956	Neurological Manifestations of COVID-19 Feature T Cell Exhaustion and Dedifferentiated Monocytes in Cerebrospinal Fluid. <i>Immunity</i> , 2021, 54, 164-175.e6.	6.6	119
2957	Neurological issues in children with COVID-19. <i>Neuroscience Letters</i> , 2021, 743, 135567.	1.0	167
2958	Sex-dependent immune response and lethality of COVID-19. <i>Stem Cell Research</i> , 2021, 50, 102116.	0.3	18
2959	Natural Products with Potential to Treat RNA Virus Pathogens Including SARS-CoV-2. <i>Journal of Natural Products</i> , 2021, 84, 161-182.	1.5	38
2960	Hypertension delays viral clearance and exacerbates airway hyperinflammation in patients with COVID-19. <i>Nature Biotechnology</i> , 2021, 39, 705-716.	9.4	129
2961	Increased expression of hypoxia-induced factor 1Î± mRNA and its related genes in myeloid blood cells from critically ill COVID-19 patients. <i>Annals of Medicine</i> , 2021, 53, 197-207.	1.5	45
2962	Identification and characterization of circRNAs encoded by MERS-CoV, SARS-CoV-1 and SARS-CoV-2. <i>Briefings in Bioinformatics</i> , 2021, 22, 1297-1308.	3.2	37
2963	Cellular Immunity in COVID-19 Convalescents with PCR-Confirmed Infection but with Undetectable SARS-CoV-2â€‘Specific IgG. <i>Emerging Infectious Diseases</i> , 2021, 27, 122-129.	2.0	90

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2964	Molecular Docking Reveals Ivermectin and Remdesivir as Potential Repurposed Drugs Against SARS-CoV-2. <i>Frontiers in Microbiology</i> , 2020, 11, 592908.	1.5	68
2965	ApoE-Isoform-Dependent SARS-CoV-2 Neurotropism and Cellular Response. <i>Cell Stem Cell</i> , 2021, 28, 331-342.e5.	5.2	156
2966	Is there a difference in the effect between the ACEI and ARB on COVID-19?. <i>Clinical Cardiology</i> , 2021, 44, 5-6.	0.7	0
2967	B cell analysis in SARS-CoV-2 versus malaria: Increased frequencies of plasmablasts and atypical memory B cells in COVID-19. <i>Journal of Leukocyte Biology</i> , 2021, 109, 77-90.	1.5	46
2968	No SARS-CoV-2 carriage observed in children attending daycare centers during the initial weeks of the epidemic in Belgium. <i>Journal of Medical Virology</i> , 2021, 93, 1828-1831.	2.5	16
2969	COVID-19 pandemic in Japan. <i>Rheumatology International</i> , 2021, 41, 1-5.	1.5	51
2970	Natural and Synthetic Drugs as Potential Treatment for Coronavirus Disease 2019 (COVID-2019). <i>Chemistry Africa</i> , 2021, 4, 1-13.	1.2	28
2971	Hyperactivation of P2X7 receptors as a culprit of COVID-19 neuropathology. <i>Molecular Psychiatry</i> , 2021, 26, 1044-1059.	4.1	104
2972	The S1 protein of SARS-CoV-2 crosses the blood-brain barrier in mice. <i>Nature Neuroscience</i> , 2021, 24, 368-378.	7.1	295
2973	Priming of SARS-CoV-2 S protein by several membrane-bound serine proteinases could explain enhanced viral infectivity and systemic COVID-19 infection. <i>Journal of Biological Chemistry</i> , 2021, 296, 100135.	1.6	63
2974	Harnessing the non-specific immunogenic effects of available vaccines to combat COVID-19. <i>Human Vaccines and Immunotherapeutics</i> , 2021, 17, 1650-1661.	1.4	12
2975	The use of renin-angiotensin-aldosterone system (RAAS) inhibitors is associated with a lower risk of mortality in hypertensive COVID-19 patients: A systematic review and meta-analysis. <i>Journal of Medical Virology</i> , 2021, 93, 1370-1377.	2.5	61
2976	Obstructive Sleep Apnea and Risk of COVID-19 Infection, Hospitalization and Respiratory Failure. <i>Sleep and Breathing</i> , 2021, 25, 1155-1157.	0.9	109
2977	Identification of Required Host Factors for SARS-CoV-2 Infection in Human Cells. <i>Cell</i> , 2021, 184, 92-105.e16.	13.5	480
2978	Individuals with Down syndrome hospitalized with COVID-19 have more severe disease. <i>Genetics in Medicine</i> , 2021, 23, 576-580.	1.1	65
2979	Immunosuppressive Therapy and Risk of COVID-19 Infection in Patients With Inflammatory Bowel Diseases. <i>Inflammatory Bowel Diseases</i> , 2021, 27, 155-161.	0.9	48
2980	Integrative clinical, genomics and metabolomics data analysis for mainstream precision medicine to investigate COVID-19. <i>BMJ Innovations</i> , 2021, 7, 6-10.	1.0	15
2981	Evidence-Based Management of the Critically Ill Adult With SARS-CoV-2 Infection. <i>Journal of Intensive Care Medicine</i> , 2021, 36, 18-41.	1.3	7

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2983	Telemedicine and the current opportunities for the management of oncological patients in Peru in the context of COVID-19 pandemic. <i>Critical Reviews in Oncology/Hematology</i> , 2021, 157, 103129.	2.0	21
2984	Network pharmacology, molecular docking integrated surface plasmon resonance technology reveals the mechanism of Toujie Quwen Granules against coronavirus disease 2019 pneumonia. <i>Phytomedicine</i> , 2021, 85, 153401.	2.3	65
2985	Coronavirus biology and replication: implications for SARS-CoV-2. <i>Nature Reviews Microbiology</i> , 2021, 19, 155-170.	13.6	2,062
2986	Molecular diversity of coronavirus host cell entry receptors. <i>FEMS Microbiology Reviews</i> , 2021, 45, .	3.9	75
2987	Challenges of drug development during the COVID-19 pandemic: Key considerations for clinical trial designs. <i>British Journal of Clinical Pharmacology</i> , 2021, 87, 2170-2185.	1.1	15
2988	Outcome of patients hospitalized for COVID-19 and exposure to angiotensin-converting enzyme inhibitors and angiotensin-receptor blockers in France: results of the ACE-CoV study. <i>Fundamental and Clinical Pharmacology</i> , 2021, 35, 194-203.	1.0	17
2989	Is there a role for the ACE2 receptor in SARS-CoV-2 interactions with platelets?. <i>Journal of Thrombosis and Haemostasis</i> , 2021, 19, 46-50.	1.9	75
2990	Dysregulation of Angiotensin Converting Enzyme 2 Expression and Function in Comorbid Disease Conditions Possibly Contributes to Coronavirus Infectious Disease 2019 Complication Severity. <i>Molecular Pharmacology</i> , 2021, 99, 17-28.	1.0	12
2991	Unravelling high-affinity binding compounds towards transmembrane protease serine 2 enzyme in treating SARS-CoV-2 infection using molecular modelling and docking studies. <i>European Journal of Pharmacology</i> , 2021, 890, 173688.	1.7	31
2992	Potential SARS-CoV-2 interactions with proteins involved in trophoblast functions – An in-silico study. <i>Placenta</i> , 2021, 103, 141-151.	0.7	23
2993	Transfusion reactions associated with COVID-19 convalescent plasma therapy for SARS-CoV-2. <i>Transfusion</i> , 2021, 61, 78-93.	0.8	17
2994	Biomimetic Human Disease Model of SARS-CoV-2-Induced Lung Injury and Immune Responses on Organ Chip System. <i>Advanced Science</i> , 2021, 8, 2002928.	5.6	119
2995	Leveraging coronavirus binding to gangliosides for innovative vaccine and therapeutic strategies against COVID-19. <i>Biochemical and Biophysical Research Communications</i> , 2021, 538, 132-136.	1.0	47
2996	Translating bioactive peptides for COVID-19 therapy. <i>European Journal of Pharmacology</i> , 2021, 890, 173661.	1.7	15
2997	The Integrin Binding Peptide, ATN-161, as a Novel Therapy for SARS-CoV-2 Infection. <i>JACC Basic To Translational Science</i> , 2021, 6, 1-8.	1.9	73
2998	Obese patients with NASH have increased hepatic expression of SARS-CoV-2 critical entry points. <i>Journal of Hepatology</i> , 2021, 74, 469-471.	1.8	51
2999	Remdesivir use in the coronavirus disease 2019 pandemic: A mini-review. <i>Journal of Microbiology, Immunology and Infection</i> , 2021, 54, 27-36.	1.5	28

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3001	Identification of potential inhibitors of coronavirus hemagglutinin-esterase using molecular docking, molecular dynamics simulation and binding free energy calculation. <i>Molecular Diversity</i> , 2021, 25, 421-433.	2.1	26
3002	Biochemical and immunological aspects of COVID-19 infection and therapeutical intervention of oral low dose cytokine therapy: a systematic review. <i>Immunopharmacology and Immunotoxicology</i> , 2021, 43, 22-29.	1.1	2
3003	Laboratory Biomarkers in the Management of Patients With COVID-19. <i>American Journal of Clinical Pathology</i> , 2021, 155, 333-342.	0.4	18
3004	Structure-Based Design of Novel Peptidomimetics Targeting the SARS-CoV-2 Spike Protein. <i>Cellular and Molecular Bioengineering</i> , 2021, 14, 177-185.	1.0	17
3005	Severe olfactory and gustatory dysfunctions in a Japanese pediatric patient with coronavirus disease (COVID-19). <i>Journal of Infection and Chemotherapy</i> , 2021, 27, 110-112.	0.8	5
3006	Phytopharmaceuticals mediated Furin and TMPRSS2 receptor blocking: can it be a potential therapeutic option for Covid-19?. <i>Phytomedicine</i> , 2021, 85, 153396.	2.3	23
3007	SARS-CoV-2 Neutralizing Antibody LY-CoV555 in Outpatients with Covid-19. <i>New England Journal of Medicine</i> , 2021, 384, 229-237.	13.9	1,130
3008	Pathogenesis guided therapeutic management of COVID-19: an immunological perspective. <i>International Reviews of Immunology</i> , 2021, 40, 54-71.	1.5	10
3009	Potential mechanisms of SARS-CoV-2 action on male gonadal function and fertility: Current status and future prospects. <i>Andrologia</i> , 2021, 53, e13883.	1.0	53
3010	Repurposed Drugs, Molecular Vaccines, Immune Modulators, and Nanotherapeutics to Treat and Prevent COVID-19 Associated with SARS-CoV-2, a Deadly Nanovector. <i>Advanced Therapeutics</i> , 2021, 4, 2000172.	1.6	24
3011	Recent progress of antiviral therapy for coronavirus disease 2019. <i>European Journal of Pharmacology</i> , 2021, 890, 173646.	1.7	32
3012	Comprehensive Landscape of Heparin Therapy for COVID-19. <i>Carbohydrate Polymers</i> , 2021, 254, 117232.	5.1	35
3013	Low serum neutralizing anti-SARS-CoV-2 S antibody levels in mildly affected COVID-19 convalescent patients revealed by two different detection methods. <i>Cellular and Molecular Immunology</i> , 2021, 18, 936-944.	4.8	98
3014	Cardiology and COVID-19: do we have sufficient information?. <i>Future Cardiology</i> , 2021, 17, 705-711.	0.5	2
3015	Supervised molecular dynamics for exploring the druggability of the SARS-CoV-2 spike protein. <i>Journal of Computer-Aided Molecular Design</i> , 2021, 35, 195-207.	1.3	41
3016	Potential metabolic and inflammatory pathways between COVID-19 and new-onset diabetes. <i>Diabetes and Metabolism</i> , 2021, 47, 101204.	1.4	73
3017	No association between COVID-19 related liver injury and the course of disease: a retrospective study. <i>Scandinavian Journal of Gastroenterology</i> , 2021, 56, 68-71.	0.6	9

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3019	Anticoagulant treatment in COVID-19: a narrative review. <i>Journal of Thrombosis and Thrombolysis</i> , 2021, 51, 642-648.	1.0	68
3020	Identification of Transcription Factors Regulating SARS-CoV-2 Entry Genes in the Intestine. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2021, 11, 181-184.	2.3	18
3021	Coronavirus disease 2019: A tissue engineering and regenerative medicine perspective. <i>Stem Cells Translational Medicine</i> , 2021, 10, 27-38.	1.6	21
3022	Structural basis of SARS-CoV-2 spike protein induced by ACE2. <i>Bioinformatics</i> , 2021, 37, 929-936.	1.8	19
3023	Safety of ACE-I and ARB medications in COVID-19: A retrospective cohort study of inpatients and outpatients in California. <i>Journal of Clinical and Translational Science</i> , 2021, 5, e8.	0.3	5
3024	Singleâ€cell RNA sequencing analysis of SARSâ€CoVâ€2 entry receptors in human organoids. <i>Journal of Cellular Physiology</i> , 2021, 236, 2950-2958.	2.0	19
3025	Trophoblastic extracellular vesicles and viruses: Friends or foes?. <i>American Journal of Reproductive Immunology</i> , 2021, 85, e13345.	1.2	4
3026	Gastrointestinal coronavirus disease 2019: epidemiology, clinical features, pathogenesis, prevention, and management. <i>Expert Review of Gastroenterology and Hepatology</i> , 2021, 15, 41-50.	1.4	26
3027	Maternal infections: revisiting the need for screening in pregnancy. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2021, 128, 304-315.	1.1	4
3028	COVIDâ€19, nausea, and vomiting. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2021, 36, 646-656.	1.4	44
3029	Interaction Between Coronavirus S-Protein and Human ACE2: Hints for Exploring Efficient Therapeutic Targets to Treat COVID-19. <i>Angiology</i> , 2021, 72, 122-130.	0.8	20
3030	The implications of COVIDâ€19 infection on the endothelium: A metabolic vascular perspective. <i>Diabetes/Metabolism Research and Reviews</i> , 2021, 37, e3402.	1.7	14
3031	Re-recognizing bromhexine hydrochloride: pharmaceutical properties and its possible role in treating pediatric COVID-19. <i>European Journal of Clinical Pharmacology</i> , 2021, 77, 261-263.	0.8	19
3032	The effect of drugs used in rheumatology for treating SARS-CoV2 infection. <i>Expert Opinion on Biological Therapy</i> , 2021, 21, 219-228.	1.4	6
3033	Evaluation of SARS-CoV-2 in Tears of Patients with Moderate to Severe COVID-19. <i>Ophthalmology</i> , 2021, 128, 494-503.	2.5	83
3034	Beyond dexamethasone, emerging immunoâ€thrombotic therapies for COVIDâ€19. <i>British Journal of Clinical Pharmacology</i> , 2021, 87, 845-857.	1.1	6
3035	Accounting for Time: Circadian Rhythms in the Time of COVID-19. <i>Journal of Biological Rhythms</i> , 2021, 36, 4-8.	1.4	16

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3036	Ischemic stroke leading to bilateral vision loss in COVID-19 patientâ€”A rare case report. <i>Journal of Medical Virology</i> , 2021, 93, 683-685.	2.5	5
3037	Therapeutics for COVID-19: from computation to practicesâ€”where we are, where we are heading to. <i>Molecular Diversity</i> , 2021, 25, 625-659.	2.1	53
3038	Expression of severe acute respiratory syndrome coronavirus 2 cell entry genes, angiotensin-converting enzyme 2 and transmembrane protease serine 2, in the placenta across gestation and at the maternal-fetal interface in pregnancies complicated by preterm birth or preeclampsia. <i>American Journal of Obstetrics and Gynecology</i> , 2021, 224, 298.e1-298.e8.	0.7	73
3039	COVID-19 and Sex-/Gender-Specific Differences: Understanding the Discrimination. <i>Seminars in Thrombosis and Hemostasis</i> , 2021, 47, 341-347.	1.5	13
3040	The recent outbreaks of human coronaviruses: A medicinal chemistry perspective. <i>Medicinal Research Reviews</i> , 2021, 41, 72-135.	5.0	31
3041	Systemic inflammation as fuel for acute liver injury in COVID-19. <i>Digestive and Liver Disease</i> , 2021, 53, 158-165.	0.4	63
3042	Platelets and renal failure in the SARS-CoV-2 syndrome. <i>Platelets</i> , 2021, 32, 130-137.	1.1	18
3043	Glycyrrhizin: An old weapon against a novel coronavirus. <i>Phytotherapy Research</i> , 2021, 35, 629-636.	2.8	56
3044	Pathological postâ€”mortem findings in lungs infected with <scp>SARSâ€”CoVâ€”2</scp>. <i>Journal of Pathology</i> , 2021, 253, 31-40.	2.1	61
3045	Clinical sequelae of COVID-19 survivors in Wuhan, China: a single-centre longitudinal study. <i>Clinical Microbiology and Infection</i> , 2021, 27, 89-95.	2.8	492
3046	Double-blind, Randomized, Placebo-controlled Trial With N-acetylcysteine for Treatment of Severe Acute Respiratory Syndrome Caused by Coronavirus Disease 2019 (COVID-19). <i>Clinical Infectious Diseases</i> , 2021, 72, e736-e741.	2.9	70
3047	Coronavirus: A possible cause of reduced male fertility. <i>Andrology</i> , 2021, 9, 80-87.	1.9	26
3048	Effects of tocilizumab on mortality in hospitalized patients with COVID-19: a multicentre cohort study. <i>Clinical Microbiology and Infection</i> , 2021, 27, 238-243.	2.8	63
3049	A Treatment to Eliminate SARS-CoV-2 Replication in Human Airway Epithelial Cells Is Safe for Inhalation as an Aerosol in Healthy Human Subjects. <i>Respiratory Care</i> , 2021, 66, 113-119.	0.8	4
3050	The complexity of respiratory disease associated with severe acute respiratory syndrome coronavirus 2 (SARSâ€”CoVâ€”2) infection: From immunopathogenesis to respiratory therapy. <i>Reviews in Medical Virology</i> , 2021, 31, e2167.	3.9	2
3051	Elevated plasma sTIM-3 levels in patients with severe COVID-19. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 147, 92-98.	1.5	31
3052	Molecular dynamics simulation of docking structures of SARS-CoV-2 main protease and HIV protease inhibitors. <i>Journal of Molecular Structure</i> , 2021, 1225, 129143.	1.8	30
3053	Viral infection and smell loss: The case of COVID-19. <i>Journal of Neurochemistry</i> , 2021, 157, 930-943.	2.1	43

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3054	Cardiovascular Pathophysiology, Epidemiology, and Treatment Considerations of Coronavirus Disease 2019 (COVID-19): A Review. <i>CJC Open</i> , 2021, 3, 28-40.	0.7	7
3055	Targeted therapy strategies against SARS-CoV-2 cell entry mechanisms: A systematic review of in vitro and in vivo studies. <i>Journal of Cellular Physiology</i> , 2021, 236, 2364-2392.	2.0	65
3056	ACE2: Its potential role and regulation in severe acute respiratory syndrome and COVID-19. <i>Journal of Cellular Physiology</i> , 2021, 236, 2430-2442.	2.0	31
3057	Single-cell transcriptomic atlas of primate cardiopulmonary aging. <i>Cell Research</i> , 2021, 31, 415-432.	5.7	88
3058	Immune response and blood-brain barrier dysfunction during viral neuroinvasion. <i>Innate Immunity</i> , 2021, 27, 109-117.	1.1	50
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3060	COVID-19 and diabetes; Possible role of polymorphism and rise of telemedicine. <i>Primary Care Diabetes</i> , 2021, 15, 4-9.	0.9	18
3061	Impact of COVID-19 on the Cardiovascular System: A Review of Available Reports. <i>Cardiovascular Drugs and Therapy</i> , 2021, 35, 411-425.	1.3	48
3062	Susceptibility to COVID-19 in populations with health disparities: Posited involvement of mitochondrial disorder, socioeconomic stress, and pollutants. <i>Journal of Biochemical and Molecular Toxicology</i> , 2021, 35, e22626.	1.4	13
3063	Patients with rheumatoid arthritis exposed to COVID-19: A family cluster report. <i>Modern Rheumatology</i> , 2021, 31, 514-517.	0.9	0
3064	Comparative host-pathogen protein-protein interaction analysis of recent coronavirus outbreaks and important host targets identification. <i>Briefings in Bioinformatics</i> , 2021, 22, 1206-1214.	3.2	14
3065	Intestinal Receptor of SARS-CoV-2 in Inflamed IBD Tissue Seems Downregulated by HNF4A in Ileum and Upregulated by Interferon Regulating Factors in Colon. <i>Journal of Crohn's and Colitis</i> , 2021, 15, 485-498.	0.6	34
3066	COVID-19 and its Therapeutics: Special Emphasis on Mesenchymal Stem Cells Based Therapy. <i>Stem Cell Reviews and Reports</i> , 2021, 17, 113-131.	1.7	16
3067	Invited Review: The spectrum of neuropathology in COVID-19. <i>Neuropathology and Applied Neurobiology</i> , 2021, 47, 3-16.	1.8	99
3068	Targeting RNA G-Quadruplex in SARS-CoV-2: A Promising Therapeutic Target for COVID-19?. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 432-438.	7.2	120
3069	SARS-CoV-2: Mechanism of infection and emerging technologies for future prospects. <i>Reviews in Medical Virology</i> , 2021, 31, e2168.	3.9	28
3070	The ACE2 as a "rescue protein" or "suspect enzyme" in COVID-19: possible application of the "engineered inactive hACE2" as a safer therapeutic agent in the treatment of SARS-CoV-2 infection. <i>Journal of the Iranian Chemical Society</i> , 2021, 18, 495-502.	1.2	5
3071	Gender susceptibility to COVID-19: a review of the putative role of sex hormones and X chromosome. <i>Journal of Endocrinological Investigation</i> , 2021, 44, 951-956.	1.8	79

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3073	<scp>Alpha‑antitrypsin</scp>: A possible host protective factor against Covid‑19. <i>Reviews in Medical Virology</i> , 2021, 31, e2157.	3.9	51
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4497	Drug repurposing screens reveal cell-type-specific entry pathways and FDA-approved drugs active against SARS-Cov-2. <i>Cell Reports</i> , 2021, 35, 108959.	2.9	176
4498	COVID-19 may affect male fertility but is not sexually transmitted: a systematic review. <i>F&S Reviews</i> , 2021, 2, 140-149.	0.7	34
4499	SARS-CoV-2 Spike Targets USP33-IRF9 Axis via Exosomal miR-148a to Activate Human Microglia. <i>Frontiers in Immunology</i> , 2021, 12, 656700.	2.2	49

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4501	Presence of SARS-CoV-2 RNA in the Cornea of Viremic Patients With COVID-19. <i>JAMA Ophthalmology</i> , 2021, 139, 383.	1.4	62
4502	SARS-CoV-2 501Y.V2 variants lack higher infectivity but do have immune escape. <i>Cell</i> , 2021, 184, 2362-2371.e9.	13.5	332
4503	SARS-CoV-2, Inflammatory Apoptosis, and Cytokine Storm Syndrome. <i>The Open Covid Journal</i> , 2021, 1, 22-31.	0.4	1
4504	How to Understand Herd Immunity in the Context of COVID-19. <i>Viral Immunology</i> , 2021, 34, 174-181.	0.6	17
4505	Assessment of Retinal Neurodegeneration and Choroidal Thickness in COVID-19 Patients Using Swept-Source OCT Technology. <i>Klinische Monatsblätter Fur Augenheilkunde</i> , 2021, 238, 1092-1097.	0.3	7
4509	Identification and Characterization of Species-Specific Severe Acute Respiratory Syndrome Coronavirus 2 Physicochemical Properties. <i>Journal of Proteome Research</i> , 2021, 20, 2942-2952.	1.8	4
4510	Potential Mitigation, Prophylactics, and Treatments to Overcome COVID- 19. <i>Coronaviruses</i> , 2021, 2, 135-137.	0.2	0
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4516	Endothelial progenitor cells in pathogenesis of new coronaviral infection. <i>Meditinskiy Sovet</i> , 2021, , 199-204.	0.1	0
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4518	Anti-cancer Therapy Leads to Increased Cardiovascular Susceptibility to COVID-19. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 634291.	1.1	6
4519	Antibiotic-associated drug-induced liver damage with cholestasis: actualization of problem in COVID-19 era. <i>Medical Alphabet</i> , 2021, , 31-43.	0.0	3
4521	Mefloquine, a Potent Anti-severe Acute Respiratory Syndrome-Related Coronavirus 2 (SARS-CoV-2) Drug as an Entry Inhibitor in vitro. <i>Frontiers in Microbiology</i> , 2021, 12, 651403.	1.5	25
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4523	Hypertension, a Moving Target in COVID-19. <i>Circulation Research</i> , 2021, 128, 1062-1079.	2.0	61
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4525	Invasive and noninvasive ventilation strategies for acute respiratory failure in children with coronavirus disease 2019. <i>Current Opinion in Pediatrics</i> , 2021, 33, 311-318.	1.0	5

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4528	Single-Molecular Förster Resonance Energy Transfer Measurement on Structures and Interactions of Biomolecules. <i>Micromachines</i> , 2021, 12, 492.	1.4	15
4529	The green tea catechin epigallocatechin gallate inhibits SARS-CoV-2 infection. <i>Journal of General Virology</i> , 2021, 102, .	1.3	95
4530	Sex hormones, autoimmunity and gender disparity in COVID-19. <i>Rheumatology International</i> , 2021, 41, 1375-1386.	1.5	31
4531	Current updates on adaptive immune response by B cell and T cell stimulation and therapeutic strategies for novel coronavirus disease 2019 (COVID-19) treatment. <i>Heliyon</i> , 2021, 7, e06894.	1.4	4
4532	Novel transgenic mice with Cre-dependent co-expression of GFP and human ACE2: a safe tool for study of COVID-19 pathogenesis. <i>Transgenic Research</i> , 2021, 30, 289-301.	1.3	10
4533	Angiotensin-Converting Enzyme 2 Gene Expression in Breast Tissue. <i>The Journal of Breast Health</i> , 2021, 17, 112-115.	0.4	4
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4535	Deep Transfer Learning Approach for Automatic Recognition of Drug Toxicity and Inhibition of SARS-CoV-2. <i>Viruses</i> , 2021, 13, 610.	1.5	10
4536	Vitamin D Double-edged Sword Against COVID-19. <i>International Journal of Infection</i> , 2021, 8, .	0.4	2
4537	Countries with high deaths due to flu and tuberculosis demonstrate lower COVID-19 mortality: roles of vaccinations. <i>Human Vaccines and Immunotherapeutics</i> , 2021, 17, 2851-2862.	1.4	8
4538	SARS-CoV-2 entry inhibitors by dual targeting TMPRSS2 and ACE2: An in silico drug repurposing study. <i>European Journal of Pharmacology</i> , 2021, 896, 173922.	1.7	29
4539	Coronavirus infection: An immunologists' perspective. <i>Scandinavian Journal of Immunology</i> , 2021, 93, e13043.	1.3	10
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4546	Integrated Biophysical Modeling of the SARS-CoV-2 Spike Protein Binding and Allosteric Interactions with Antibodies. <i>Journal of Physical Chemistry B</i> , 2021, 125, 4596-4619.	1.2	60
4547	SARS-CoV-2 Infects Human Engineered Heart Tissues and Models COVID-19 Myocarditis. <i>JACC Basic To Translational Science</i> , 2021, 6, 331-345.	1.9	121
4548	Multiple sites on SARS-CoV-2 spike protein are susceptible to proteolysis by cathepsins B, K, L, S, and V. <i>Protein Science</i> , 2021, 30, 1131-1143.	3.1	47
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4554	Assembly and Entry of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV2): Evaluation Using Virus-Like Particles. <i>Cells</i> , 2021, 10, 853.	1.8	46
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4661	Variation in predicted COVID-19 risk among lemurs and lorises. <i>American Journal of Primatology</i> , 2021, 83, e23255.	0.8	7
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4841	COVID-19 in Immunosuppressed Children. <i>Frontiers in Pediatrics</i> , 2021, 9, 629240.	0.9	30
4842	Ultramicronized Palmitoylethanolamide (um-PEA): A New Possible Adjuvant Treatment in COVID-19 patients. <i>Pharmaceuticals</i> , 2021, 14, 336.	1.7	21
4845	Intermolecular Interaction Analyses on SARS-CoV-2 Spike Protein Receptor Binding Domain and Human Angiotensin-Converting Enzyme 2 Receptor-Blocking Antibody/Peptide Using Fragment Molecular Orbital Calculation. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 4059-4066.	2.1	22
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4855	Hepatic Failure in COVID-19: Is Iron Overload the Dangerous Trigger?. <i>Cells</i> , 2021, 10, 1103.	1.8	16
4856	Risk of COVID-19 in Chagas Disease Patients: What Happen with Cardiac Affectations?. <i>Biology</i> , 2021, 10, 411.	1.3	7
4857	Human cell receptors: potential drug targets to combat COVID-19. <i>Amino Acids</i> , 2021, 53, 813-842.	1.2	21
4858	Organizing Pneumonia and Microvascular Fibrosis as Late Sequelae after a COVID-19 Infection. A Case Report. <i>Surgeries</i> , 2021, 2, 190-198.	0.3	1
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4866	Protecting older patients with cardiovascular diseases from COVID-19 complications using current medications. <i>European Geriatric Medicine</i> , 2021, 12, 725-739.	1.2	5
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4872	Case of severe liver damage in COVID-19. <i>Meditinskiy Sovet</i> , 2021, , 84-91.	0.1	3
4874	Viral Entry Inhibitors Targeting Six-Helical Bundle Core against Highly Pathogenic Enveloped Viruses with Class I Fusion Proteins. <i>Current Medicinal Chemistry</i> , 2022, 29, 700-718.	1.2	6
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4882	Biomarkers Linked with Dynamic Changes of Renal Function in Asymptomatic and Mildly Symptomatic COVID-19 Patients. <i>Journal of Personalized Medicine</i> , 2021, 11, 432.	1.1	11
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4893	Fundamental and Advanced Therapies, Vaccine Development against SARS-CoV-2. <i>Pathogens</i> , 2021, 10, 636.	1.2	2
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4908	Nanobased Platforms for Diagnosis and Treatment of COVID-19: From Benchtop to Bedside. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 2150-2176.	2.6	27
4909	Erythroid precursors and progenitors suppress adaptive immunity and get invaded by SARS-CoV-2. <i>Stem Cell Reports</i> , 2021, 16, 1165-1181.	2.3	65
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9684	Roles of host mitochondria in the development of COVID-19 pathology: Could mitochondria be a potential therapeutic target?. Molecular Biomedicine, 2021, 2, 38.	1.7	19
9685	Neurosurgery at the crossroads of immunology and nanotechnology. New reality in the COVID-19 pandemic. Advanced Drug Delivery Reviews, 2022, 181, 114033.	6.6	5
9686	Clinical features and independent predictors for recurrence of positive SARS-CoV-2 RNA: A propensity score-matched analysis. Journal of Medical Virology, 2021, , .	2.5	1
9687	Increase in Chondroitin Sulfate and Decline in Arylsulfatase B May Contribute to Pathophysiology of COVID-19 Respiratory Failure. Pathobiology, 2022, 89, 81-91.	1.9	8
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9698	Association between Inhaled Corticosteroid Use and SARS-CoV-2 Infection: A Nationwide Population-Based Study in South Korea. Tuberculosis and Respiratory Diseases, 2022, 85, 80-88.	0.7	5
9699	Immune-Mediated Glycocalyx Remodeling in Hospitalized COVID-19 Patients. Cardiovascular Drugs and Therapy, 2023, 37, 307-313.	1.3	12
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9702	Expression of SARS-CoV-2 entry factors, electrolyte, and mineral transporters in different mouse intestinal epithelial cell types. <i>Physiological Reports</i> , 2021, 9, e15061.	0.7	3
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9714	Overview of Neutralizing Antibodies and Their Potential in COVID-19. <i>Vaccines</i> , 2021, 9, 1376.	2.1	37
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9749	Identification of potential inhibitors of SARS-CoV-2 S protein-ACE2 interaction by in silico drug repurposing. <i>F1000Research</i> , 0, 10, 358.	0.8	1
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9775	Coronavirus Disease (COVID-19) Control between Drug Repurposing and Vaccination: A Comprehensive Overview. <i>Vaccines</i> , 2021, 9, 1317.	2.1	35
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9788	Epidemiological associations with genomic variation in SARS-CoV-2. <i>Scientific Reports</i> , 2021, 11, 23023.	1.6	5
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9793	Pregnancy as a Risk Factor of Severe COVID-19. <i>Journal of Clinical Medicine</i> , 2021, 10, 5458.	1.0	28
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9799	A Photoactivable Natural Product with Broad Antiviral Activity against Enveloped Viruses, Including Highly Pathogenic Coronaviruses. <i>Antimicrobial Agents and Chemotherapy</i> , 2022, 66, AAC0158121.	1.4	16
9800	SARS-CoV-2: Emerging Role in the Pathogenesis of Various Thyroid Diseases. <i>Journal of Inflammation Research</i> , 2021, Volume 14, 6191-6221.	1.6	35
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9809	Ultrasensitive Detection of COVID-19 Causative Virus (SARS-CoV-2) Spike Protein Using Laser Induced Graphene Field-Effect Transistor. <i>Molecules</i> , 2021, 26, 6947.	1.7	22
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9812	Evolutionary and Phenotypic Characterization of Two Spike Mutations in European Lineage 20E of SARS-CoV-2. <i>MBio</i> , 2021, 12, e0231521.	1.8	6
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9822	Neuroinflammation and Its Impact on the Pathogenesis of COVID-19. <i>Frontiers in Medicine</i> , 2021, 8, 745789.	1.2	44
9823	Natural Bioactive Molecules: An Alternative Approach to the Treatment and Control of COVID-19. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12638.	1.8	45
9824	Sex-Specific Microglial Activation and SARS-CoV-2 Receptor Expression Induced by Chronic Unpredictable Stress. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 750373.	1.8	10
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9828	Exosomes/microvesicles target SARS-CoV-2 via innate and RNA-induced immunity with PIWI-piRNA system. <i>Life Science Alliance</i> , 2022, 5, e202101240.	1.3	10
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9830	Nature of the Interplay Between Periodontal Diseases and COVID-19. <i>Frontiers in Dental Medicine</i> , 2021, 2, .	0.5	7
9831	The clinical impact of androgen deprivation therapy on SARS-CoV-2 infection rates and disease severity. , 2021, 47, 495-500.		6
9832	The clinical profile and associated mortality in people with and without diabetes with Coronavirus disease 2019 on admission to acute hospital services. <i>Endocrinology, Diabetes and Metabolism</i> , 2021, , e00309.	1.0	2
9833	Regulating monocyte infiltration and differentiation: Providing new therapies for colorectal cancer patients with COVID-19. <i>World Journal of Clinical Cases</i> , 2021, 9, 10392-10399.	0.3	0
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9839	Molecular dynamic simulation analysis of SARS-CoV-2 spike mutations and evaluation of ACE2 from pets and wild animals for infection risk. <i>Computational Biology and Chemistry</i> , 2022, 96, 107613.	1.1	7
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9844	Penta-peptide ATN-161 based neutralization mechanism of SARS-CoV-2 spike protein. <i>Biochemistry and Biophysics Reports</i> , 2021, 28, 101170.	0.7	7

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