

SARS and MERS: recent insights into emerging coronaviruses

Nature Reviews Microbiology

14, 523-534

DOI: [10.1038/nrmicro.2016.81](https://doi.org/10.1038/nrmicro.2016.81)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Viral Infection in the Development and Progression of Pediatric Acute Respiratory Distress Syndrome. <i>Frontiers in Pediatrics</i> , 2016, 4, 128.	0.9	33
2	Use of Aptamers as Diagnostics Tools and Antiviral Agents for Human Viruses. <i>Pharmaceuticals</i> , 2016, 9, 78.	1.7	61
3	A camel-derived MERS-CoV with a variant spike protein cleavage site and distinct fusion activation properties. <i>Emerging Microbes and Infections</i> , 2016, 5, 1-9.	3.0	21
4	Sustained fecal-oral human-to-human transmission following a zoonotic event. <i>Current Opinion in Virology</i> , 2017, 22, 1-6.	2.6	46
5	Middle East respiratory syndrome (MERS) coronavirus: Putting one health principles into practice?. <i>Veterinary Journal</i> , 2017, 222, 52-53.	0.6	6
6	Betacoronavirus Adaptation to Humans Involved Progressive Loss of Hemagglutinin-Esterase Lectin Activity. <i>Cell Host and Microbe</i> , 2017, 21, 356-366.	5.1	83
7	Coronavirus nonstructural protein 15 mediates evasion of dsRNA sensors and limits apoptosis in macrophages. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E4251-E4260.	3.3	297
8	Human Neutralizing Monoclonal Antibody Inhibition of Middle East Respiratory Syndrome Coronavirus Replication in the Common Marmoset. <i>Journal of Infectious Diseases</i> , 2017, 215, 1807-1815.	1.9	67
9	Jumping species—a mechanism for coronavirus persistence and survival. <i>Current Opinion in Virology</i> , 2017, 23, 1-7.	2.6	110
10	Efficient Reverse Genetic Systems for Rapid Genetic Manipulation of Emergent and Preemergent Infectious Coronaviruses. <i>Methods in Molecular Biology</i> , 2017, 1602, 59-81.	0.4	19
11	SARS—unique fold in the <i>Rousettus</i> bat coronavirus HKU9. <i>Protein Science</i> , 2017, 26, 1726-1737.	3.1	6
12	Antiviral escin derivatives from the seeds of <i>Aesculus turbinata</i> Blume (Japanese horse chestnut). <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 3019-3025.	1.0	24
13	Simultaneous detection of severe acute respiratory syndrome, Middle East respiratory syndrome, and related bat coronaviruses by real-time reverse transcription PCR. <i>Archives of Virology</i> , 2017, 162, 1617-1623.	0.9	72
14	Cryo-electron microscopy structures of the SARS-CoV spike glycoprotein reveal a prerequisite conformational state for receptor binding. <i>Cell Research</i> , 2017, 27, 119-129.	5.7	547
15	Binding of the Methyl Donor <i>S</i> -Adenosyl- <i>l</i> -Methionine to Middle East Respiratory Syndrome Coronavirus 2'- <i>O</i> -Methyltransferase nsp16 Promotes Recruitment of the Allosteric Activator nsp10. <i>Journal of Virology</i> , 2017, 91, .	1.5	61
16	The bulky and the sweet: How neutralizing antibodies and glycan receptors compete for virus binding. <i>Protein Science</i> , 2017, 26, 2342-2354.	3.1	6
18	RNA—virus proteases counteracting host innate immunity. <i>FEBS Letters</i> , 2017, 591, 3190-3210.	1.3	64
19	Outbreak of Middle East Respiratory Syndrome-Coronavirus Causes High Fatality After Cardiac Operations. <i>Annals of Thoracic Surgery</i> , 2017, 104, e127-e129.	0.7	19

#	ARTICLE	IF	CITATIONS
20	Two-amino acids change in the nsp4 of SARS coronavirus abolishes viral replication. <i>Virology</i> , 2017, 510, 165-174.	1.1	118
21	High-Containment Pathogen Preparation in the Intensive Care Unit. <i>Infectious Disease Clinics of North America</i> , 2017, 31, 561-576.	1.9	12
22	Porous MnO ₂ /CNT catalysts with a large specific surface area for the decomposition of hydrogen peroxide. <i>Korean Journal of Chemical Engineering</i> , 2017, 34, 2147-2153.	1.2	11
23	Emerging Infections and Pertinent Infections Related to Travel for Patients with Primary Immunodeficiencies. <i>Journal of Clinical Immunology</i> , 2017, 37, 650-692.	2.0	6
24	Lipidation increases antiviral activities of coronavirus fusion-inhibiting peptides. <i>Virology</i> , 2017, 511, 9-18.	1.1	19
25	The cholesterol transport inhibitor U18666A inhibits type I feline coronavirus infection. <i>Antiviral Research</i> , 2017, 145, 96-102.	1.9	41
26	Protective efficacy of a novel simian adenovirus vaccine against lethal MERS-CoV challenge in a transgenic human DPP4 mouse model. <i>Npj Vaccines</i> , 2017, 2, 28.	2.9	81
27	Toward the identification of viral cap-methyltransferase inhibitors by fluorescence screening assay. <i>Antiviral Research</i> , 2017, 144, 330-339.	1.9	43
28	Broad-spectrum antiviral GS-5734 inhibits both epidemic and zoonotic coronaviruses. <i>Science Translational Medicine</i> , 2017, 9, .	5.8	1,279
29	Effective inhibition of MERS-CoV infection by resveratrol. <i>BMC Infectious Diseases</i> , 2017, 17, 144.	1.3	272
30	Understanding bat SARS-like coronaviruses for the preparation of future coronavirus outbreaks "â€” Implications for coronavirus vaccine development. <i>Human Vaccines and Immunotherapeutics</i> , 2017, 13, 186-189.	1.4	28
31	Expression and Cleavage of Middle East Respiratory Syndrome Coronavirus nsp3-4 Polyprotein Induce the Formation of Double-Membrane Vesicles That Mimic Those Associated with Coronaviral RNA Replication. <i>MBio</i> , 2017, 8, .	1.8	176
32	Detection and full genome characterization of two beta CoV viruses related to Middle East respiratory syndrome from bats in Italy. <i>Virology Journal</i> , 2017, 14, 239.	1.4	53
33	Wildlife population management are contraceptive vaccines a feasible proposition. <i>Frontiers in Bioscience - Scholar</i> , 2017, 9, 357-374.	0.8	14
34	Epigenetic Landscape during Coronavirus Infection. <i>Pathogens</i> , 2017, 6, 8.	1.2	96
35	An Opportunistic Pathogen Afforded Ample Opportunities: Middle East Respiratory Syndrome Coronavirus. <i>Viruses</i> , 2017, 9, 369.	1.5	10
36	Cellular RNA Helicase DDX1 Is Involved in Transmissible Gastroenteritis Virus nsp14-Induced Interferon-Beta Production. <i>Frontiers in Immunology</i> , 2017, 8, 940.	2.2	36
37	Establishment and Application of a Universal Coronavirus Screening Method Using MALDI-TOF Mass Spectrometry. <i>Frontiers in Microbiology</i> , 2017, 8, 1510.	1.5	50

#	ARTICLE	IF	CITATIONS
38	Potent and selective inhibition of pathogenic viruses by engineered ubiquitin variants. <i>PLoS Pathogens</i> , 2017, 13, e1006372.	2.1	48
39	Viral Infections in Workers in Hospital and Research Laboratory Settings. <i>Annals of Clinical Microbiology</i> , 2017, 20, 27.	0.3	2
40	Bat-Origin Coronaviruses Expand Their Host Range to Pigs. <i>Trends in Microbiology</i> , 2018, 26, 466-470.	3.5	52
41	A recombinant VSV-vectored MERS-CoV vaccine induces neutralizing antibody and T cell responses in rhesus monkeys after single dose immunization. <i>Antiviral Research</i> , 2018, 150, 30-38.	1.9	68
42	Viral Pneumonia: Etiologies and Treatment. <i>Journal of Investigative Medicine</i> , 2018, 66, 957-965.	0.7	76
43	Reduction of soluble dipeptidyl peptidase 4 levels in plasma of patients infected with Middle East respiratory syndrome coronavirus. <i>Virology</i> , 2018, 518, 324-327.	1.1	33
44	Structure-guided design of potent and permeable inhibitors of MERS coronavirus 3CL protease that utilize a piperidine moiety as a novel design element. <i>European Journal of Medicinal Chemistry</i> , 2018, 150, 334-346.	2.6	96
45	NMR structure and localization of a large fragment of the SARS-CoV fusion protein: Implications in viral cell fusion. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2018, 1860, 407-415.	1.4	19
46	Current treatment options and the role of peptides as potential therapeutic components for Middle East Respiratory Syndrome (MERS): A review. <i>Journal of Infection and Public Health</i> , 2018, 11, 9-17.	1.9	111
47	Measles vaccination: Threat from related veterinary viruses and need for continued vaccination post measles eradication. <i>Human Vaccines and Immunotherapeutics</i> , 2018, 14, 229-233.	1.4	9
48	Coronaviruses and arteriviruses display striking differences in their cyclophilin A-dependence during replication in cell culture. <i>Virology</i> , 2018, 517, 148-156.	1.1	19
49	Detection of Emerging Zoonotic Pathogens: An Integrated One Health Approach. <i>Annual Review of Animal Biosciences</i> , 2018, 6, 121-139.	3.6	76
50	Current understanding of middle east respiratory syndrome coronavirus infection in human and animal models. <i>Journal of Thoracic Disease</i> , 2018, 10, S2260-S2271.	0.6	24
51	Viral-Induced Enhanced Disease Illness. <i>Frontiers in Microbiology</i> , 2018, 9, 2991.	1.5	103
52	SARS-Like Coronavirus WIV1-CoV Does Not Replicate in Egyptian Fruit Bats (<i>Rousettus aegyptiacus</i>). <i>Viruses</i> , 2018, 10, 727.	1.5	21
53	Diagnosis and Assessment of Microbial Infections with Host and Microbial MicroRNA Profiles. , 2018, , 563-597.		1
54	Respiratory Viruses. , 2018, , .		8
55	Is regulation preventing the development of therapeutics that may prevent future coronavirus pandemics?. <i>Future Virology</i> , 2018, 13, 143-146.	0.9	4

#	ARTICLE	IF	CITATIONS
56	Modeling pathogenesis of emergent and pre-emergent human coronaviruses in mice. <i>Mammalian Genome</i> , 2018, 29, 367-383.	1.0	17
57	Stabilized coronavirus spikes are resistant to conformational changes induced by receptor recognition or proteolysis. <i>Scientific Reports</i> , 2018, 8, 15701.	1.6	408
58	SARS-Coronavirus Open Reading Frame-3a drives multimodal necrotic cell death. <i>Cell Death and Disease</i> , 2018, 9, 904.	2.7	196
59	Microorganism-ionizing respirator with reduced breathing resistance suitable for removing airborne bacteria. <i>Sensors and Actuators B: Chemical</i> , 2018, 276, 437-446.	4.0	9
60	Gain-of-function experiments with bacteriophage lambda uncover residues under diversifying selection in nature. <i>Evolution; International Journal of Organic Evolution</i> , 2018, 72, 2234-2243.	1.1	14
61	Xenotransplantation panel for the detection of infectious agents in pigs. <i>Xenotransplantation</i> , 2018, 25, e12427.	1.6	30
63	Broad receptor engagement of an emerging global coronavirus may potentiate its diverse cross-species transmissibility. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E5135-E5143.	3.3	192
64	In vivo imaging of the pathophysiological changes and neutrophil dynamics in influenza virus-infected mouse lungs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E6622-E6629.	3.3	41
65	Systems Biology-Based Platforms to Accelerate Research of Emerging Infectious Diseases. <i>Yonsei Medical Journal</i> , 2018, 59, 176.	0.9	9
66	Challenges and recent progress in drug discovery for tropical diseases. <i>Nature</i> , 2018, 559, 498-506.	13.7	164
67	A spike-modified Middle East respiratory syndrome coronavirus (MERS-CoV) infectious clone elicits mild respiratory disease in infected rhesus macaques. <i>Scientific Reports</i> , 2018, 8, 10727.	1.6	17
68	Pathogenicity and Viral Shedding of MERS-CoV in Immunocompromised Rhesus Macaques. <i>Frontiers in Immunology</i> , 2018, 9, 205.	2.2	41
69	Saracatinib Inhibits Middle East Respiratory Syndrome-Coronavirus Replication In Vitro. <i>Viruses</i> , 2018, 10, 283.	1.5	69
70	Structural Definition of a Unique Neutralization Epitope on the Receptor-Binding Domain of MERS-CoV Spike Glycoprotein. <i>Cell Reports</i> , 2018, 24, 441-452.	2.9	57
71	Characteristics of flavonoids as potent MERS-CoV 3C-like protease inhibitors. <i>Chemical Biology and Drug Design</i> , 2019, 94, 2023-2030.	1.5	191
72	Serological Screening for Coronavirus Infections in Cats. <i>Viruses</i> , 2019, 11, 743.	1.5	25
73	Molecular Pathogenesis of Middle East Respiratory Syndrome (MERS) Coronavirus. <i>Current Clinical Microbiology Reports</i> , 2019, 6, 139-147.	1.8	18
74	In Vivo Imaging-Driven Approaches to Study Virus Dissemination and Pathogenesis. <i>Annual Review of Virology</i> , 2019, 6, 501-524.	3.0	10

#	ARTICLE	IF	CITATIONS
75	Respiratory Viral Infections in Transplant Recipients. , 2019, , 679-695.		0
76	Increasing the translation of mouse models of MERS coronavirus pathogenesis through kinetic hematological analysis. PLoS ONE, 2019, 14, e0220126.	1.1	13
77	Selection and Characterization of Monoclonal Antibodies Targeting Middle East Respiratory Syndrome Coronavirus through a Human Synthetic Fab Phage Display Library Panning. Antibodies, 2019, 8, 42.	1.2	17
78	Adaptive Mutations in Replicase Transmembrane Subunits Can Counteract Inhibition of Equine Arteritis Virus RNA Synthesis by Cyclophilin Inhibitors. Journal of Virology, 2019, 93, .	1.5	5
79	Synthesis and biological evaluation of 3-acyl-2-phenylamino-1,4-dihydroquinolin-4(1H)-one derivatives as potential MERS-CoV inhibitors. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 126727.	1.0	9
80	Nosocomial Transmission of Emerging Viruses via Aerosol-Generating Medical Procedures. Viruses, 2019, 11, 940.	1.5	227
81	Epitope-based peptide vaccine design and target site depiction against Middle East Respiratory Syndrome Coronavirus: an immune-informatics study. Journal of Translational Medicine, 2019, 17, 362.	1.8	135
82	MERS-CoV as an emerging respiratory illness: A review of prevention methods. Travel Medicine and Infectious Disease, 2019, 32, 101520.	1.5	65
83	Evolution and containment of transmissible recombinant vector vaccines. Evolutionary Applications, 2019, 12, 1595-1609.	1.5	12
84	TMPRSS2 Contributes to Virus Spread and Immunopathology in the Airways of Murine Models after Coronavirus Infection. Journal of Virology, 2019, 93, .	1.5	533
85	Identification of Diverse Bat Alphacoronaviruses and Betacoronaviruses in China Provides New Insights Into the Evolution and Origin of Coronavirus-Related Diseases. Frontiers in Microbiology, 2019, 10, 1900.	1.5	53
86	Coronavirus genomic RNA packaging. Virology, 2019, 537, 198-207.	1.1	198
87	Visualization of protein sequence space with force-directed graphs, and their application to the choice of target-template pairs for homology modelling. Journal of Molecular Graphics and Modelling, 2019, 92, 180-191.	1.3	0
88	Application of Chinese Medicine in Acute and Critical Medical Conditions. The American Journal of Chinese Medicine, 2019, 47, 1223-1235.	1.5	78
89	What Have We Learned About Middle East Respiratory Syndrome Coronavirus Emergence in Humans? A Systematic Literature Review. Vector-Borne and Zoonotic Diseases, 2019, 19, 174-192.	0.6	46
90	Bactrian camels shed large quantities of Middle East respiratory syndrome coronavirus (MERS-CoV) after experimental infection. Emerging Microbes and Infections, 2019, 8, 717-723.	3.0	37
91	Zinc phthalocyanine activated by conventional indoor light makes a highly efficient antimicrobial material from regular cellulose. Journal of Materials Chemistry B, 2019, 7, 4379-4384.	2.9	18
92	Broad spectrum antiviral remdesivir inhibits human endemic and zoonotic deltacoronaviruses with a highly divergent RNA dependent RNA polymerase. Antiviral Research, 2019, 169, 104541.	1.9	398

#	ARTICLE	IF	CITATIONS
93	A Review of Zoonotic Pathogens of Dromedary Camels. <i>EcoHealth</i> , 2019, 16, 356-377.	0.9	56
94	A Yeast Suppressor Screen Used To Identify Mammalian SIRT1 as a Proviral Factor for Middle East Respiratory Syndrome Coronavirus Replication. <i>Journal of Virology</i> , 2019, 93, .	1.5	18
95	Synthesis and anti-coronavirus activity of a series of 1-thia-4-azaspiro[4.5]decan-3-one derivatives. <i>Archiv Der Pharmazie</i> , 2019, 352, e1800330.	2.1	16
96	Geography, global pandemics & air travel: Faster, fuller, further & more frequent. <i>Journal of Infection and Public Health</i> , 2019, 12, 448-449.	1.9	6
97	Efficacy of an Adjuvanted Middle East Respiratory Syndrome Coronavirus Spike Protein Vaccine in Dromedary Camels and Alpacas. <i>Viruses</i> , 2019, 11, 212.	1.5	75
98	High-Throughput Screening and Identification of Potent Broad-Spectrum Inhibitors of Coronaviruses. <i>Journal of Virology</i> , 2019, 93, .	1.5	244
99	Analysis of Coronavirus Temperature-Sensitive Mutants Reveals an Interplay between the Macrodomain and Papain-Like Protease Impacting Replication and Pathogenesis. <i>Journal of Virology</i> , 2019, 93, .	1.5	28
100	The N-Terminal Domain of Spike Protein Is Not the Enteric Tropism Determinant for Transmissible Gastroenteritis Virus in Piglets. <i>Viruses</i> , 2019, 11, 313.	1.5	18
101	Point-of-care diagnostic assay for rapid detection of porcine deltacoronavirus using the recombinase polymerase amplification method. <i>Transboundary and Emerging Diseases</i> , 2019, 66, 1324-1331.	1.3	34
102	Coronavirus Endoribonuclease Activity in Porcine Epidemic Diarrhea Virus Suppresses Type I and Type III Interferon Responses. <i>Journal of Virology</i> , 2019, 93, .	1.5	94
103	Development and Evaluation of a Multiplexed Immunoassay for Simultaneous Detection of Serum IgG Antibodies to Six Human Coronaviruses. <i>Scientific Reports</i> , 2019, 9, 1390.	1.6	46
104	Shared Common Ancestry of Rodent Alphacoronaviruses Sampled Globally. <i>Viruses</i> , 2019, 11, 125.	1.5	35
105	Interferon Regulatory Factor 3-Mediated Signaling Limits Middle-East Respiratory Syndrome (MERS) Coronavirus Propagation in Cells from an Insectivorous Bat. <i>Viruses</i> , 2019, 11, 152.	1.5	33
106	Coronaviruses: a paradigm of new emerging zoonotic diseases. <i>Pathogens and Disease</i> , 2019, 77, .	0.8	168
107	A Comparative Analysis of Factors Influencing Two Outbreaks of Middle Eastern Respiratory Syndrome (MERS) in Saudi Arabia and South Korea. <i>Viruses</i> , 2019, 11, 1119.	1.5	38
108	Human Coronaviruses: General Features. , 2019, , .		28
109	Profile analysis of circRNAs induced by porcine endemic diarrhea virus infection in porcine intestinal epithelial cells. <i>Virology</i> , 2019, 527, 169-179.	1.1	36
110	Polymerases of Coronaviruses. , 2019, , 271-300.		22

#	ARTICLE	IF	CITATIONS
111	Human Coronavirus in Hospitalized Children With Respiratory Tract Infections: A 9-Year Population-Based Study From Norway. <i>Journal of Infectious Diseases</i> , 2019, 219, 1198-1206.	1.9	120
112	Emerging and re-emerging coronaviruses in pigs. <i>Current Opinion in Virology</i> , 2019, 34, 39-49.	2.6	276
113	From SARS to MERS, Thrusting Coronaviruses into the Spotlight. <i>Viruses</i> , 2019, 11, 59.	1.5	919
114	Origin and evolution of pathogenic coronaviruses. <i>Nature Reviews Microbiology</i> , 2019, 17, 181-192.	13.6	3,993
115	Occurrence of microbial indicators, pathogenic bacteria and viruses in tropical surface waters subject to contrasting land use. <i>Water Research</i> , 2019, 150, 200-215.	5.3	31
116	Inhibition of SARS-CoV 3CL protease by flavonoids. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2020, 35, 145-151.	2.5	508
117	Coronaviridae: 100,000 Years of Emergence and Reemergence. , 2020, , 127-149.		18
118	The Middle East Respiratory Syndrome Coronavirus: An Emerging Virus of Global Threat. , 2020, , 151-167.		3
119	Novel Insights Into Immune Systems of Bats. <i>Frontiers in Immunology</i> , 2020, 11, 26.	2.2	212
120	Comparative therapeutic efficacy of remdesivir and combination lopinavir, ritonavir, and interferon beta against MERS-CoV. <i>Nature Communications</i> , 2020, 11, 222.	5.8	1,376
121	The problem with relying on profit-driven models to produce pandemic drugs. <i>Journal of Law and the Biosciences</i> , 2020, 7, Isaa060.	0.8	12
122	Upper Respiratory Tract Viral Ribonucleic Acid Load at Hospital Admission Is Associated With Coronavirus Disease 2019 Disease Severity. <i>Open Forum Infectious Diseases</i> , 2020, 7, ofaa282.	0.4	13
123	Overview of coronavirus disease 2019: Treatment updates and advances. <i>Journal of the Chinese Medical Association</i> , 2020, 83, 805-808.	0.6	10
124	Distinguishable Immunologic Characteristics of COVID-19 Patients with Comorbid Type 2 Diabetes Compared with Nondiabetic Individuals. <i>Mediators of Inflammation</i> , 2020, 2020, 1-10.	1.4	21
125	Correlation of the two most frequent HLA haplotypes in the Italian population to the differential regional incidence of Covid-19. <i>Journal of Translational Medicine</i> , 2020, 18, 352.	1.8	86
126	How COVID-19 induces cytokine storm with high mortality. <i>Inflammation and Regeneration</i> , 2020, 40, 37.	1.5	481
127	Knowledge, attitude and preventive practices related to novel Coronavirus Infection (COVID-19) among patients attending dental hospital in Dharwad. <i>Asian Journal of Medical Sciences</i> , 2020, 11, 1-7.	0.0	0
128	Drug Weaponry to Fight Against SARS-CoV-2. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 204.	1.6	2

#	ARTICLE	IF	CITATIONS
129	Angiotensin-converting enzyme 2: A protective factor in regulating disease virulence of SARS-CoV-2. <i>IUBMB Life</i> , 2020, 72, 2533-2545.	1.5	15
130	Potential Challenges for Coronavirus (SARS-CoV-2) Vaccines Under Trial. <i>Frontiers in Immunology</i> , 2020, 11, 561851.	2.2	4
131	Update of the current knowledge on genetics, evolution, immunopathogenesis, and transmission for coronavirus disease 19 (COVID-19). <i>International Journal of Biological Sciences</i> , 2020, 16, 2906-2923.	2.6	33
132	Transmittance and Survival of SARS-CoV-2 in Global Trade: The Role of Supply Chain and Packaging. <i>Journal of Packaging Technology and Research</i> , 2020, 4, 261-265.	0.6	10
133	From SARS to SARS-CoV-2, insights on structure, pathogenicity and immunity aspects of pandemic human coronaviruses. <i>Infection, Genetics and Evolution</i> , 2020, 85, 104502.	1.0	178
134	A mouse-adapted model of SARS-CoV-2 to test COVID-19 countermeasures. <i>Nature</i> , 2020, 586, 560-566.	13.7	527
135	Activity profiling and crystal structures of inhibitor-bound SARS-CoV-2 papain-like protease: A framework for anti-COVID-19 drug design. <i>Science Advances</i> , 2020, 6, .	4.7	344
136	Immunopathogenesis of Coronavirus-Induced Acute Respiratory Distress Syndrome (ARDS): Potential Infection-Associated Hemophagocytic Lymphohistiocytosis. <i>Clinical Microbiology Reviews</i> , 2020, 34, .	5.7	28
137	Strategies for Targeting SARS CoV-2: Small Molecule Inhibitors—The Current Status. <i>Frontiers in Immunology</i> , 2020, 11, 552925.	2.2	38
138	Natural Plant Products: A Less Focused Aspect for the COVID-19 Viral Outbreak. <i>Frontiers in Plant Science</i> , 2020, 11, 568890.	1.7	18
139	ACE2/ADAM17/TMPRSS2 Interplay May Be the Main Risk Factor for COVID-19. <i>Frontiers in Immunology</i> , 2020, 11, 576745.	2.2	187
140	Management of Immunity Alteration-Induced Chronic Pain During the Coronavirus Disease-2019 (COVID-19) Pandemic. <i>Frontiers in Microbiology</i> , 2020, 11, 572318.	1.5	2
141	CRISPR/Cas13: A potential therapeutic option of COVID-19. <i>Biomedicine and Pharmacotherapy</i> , 2020, 131, 110738.	2.5	37
142	A Single-Dose Intranasal ChAd Vaccine Protects Upper and Lower Respiratory Tracts against SARS-CoV-2. <i>Cell</i> , 2020, 183, 169-184.e13.	13.5	446
143	SARS-CoV-2 infections in children and young people. <i>Clinical Immunology</i> , 2020, 220, 108588.	1.4	82
144	On the genetics and immunopathogenesis of COVID-19. <i>Clinical Immunology</i> , 2020, 220, 108591.	1.4	32
145	Potential use of polyphenols in the battle against COVID-19. <i>Current Opinion in Food Science</i> , 2020, 32, 149-155.	4.1	105
146	COVID-19 pathways for brain and heart injury in comorbidity patients: A role of medical imaging and artificial intelligence-based COVID severity classification: A review. <i>Computers in Biology and Medicine</i> , 2020, 124, 103960.	3.9	79

#	ARTICLE	IF	CITATIONS
147	Nucleic acid-based therapy for coronavirus disease 2019. <i>Heliyon</i> , 2020, 6, e05007.	1.4	31
148	Expression of ACE2 in airways: Implication for COVID-19 risk and disease management in patients with chronic inflammatory respiratory diseases. <i>Clinical and Experimental Allergy</i> , 2020, 50, 1313-1324.	1.4	69
149	Rescue of SARS-CoV-2 from a Single Bacterial Artificial Chromosome. <i>MBio</i> , 2020, 11, .	1.8	94
150	Unraveling the Epidemiology, Geographical Distribution, and Genomic Evolution of Potentially Lethal Coronaviruses (SARS, MERS, and SARS CoV-2). <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 499.	1.8	18
151	Spatio-Temporal Mutational Profile Appearances of Swedish SARS-CoV-2 during the Early Pandemic. <i>Viruses</i> , 2020, 12, 1026.	1.5	12
152	Aerosol transmission of SARS-CoV-2? Evidence, prevention and control. <i>Environment International</i> , 2020, 144, 106039.	4.8	439
153	Screening and evaluation of approved drugs as inhibitors of main protease of SARS-CoV-2. <i>International Journal of Biological Macromolecules</i> , 2020, 164, 2622-2631.	3.6	46
154	COVID-19 and cancer: A guide with suggested COVID-19 rule-out criteria to support clinical decision-making. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2020, 1874, 188412.	3.3	4
155	Coronavirus hemagglutinin-esterase and spike proteins coevolve for functional balance and optimal virion avidity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 25759-25770.	3.3	48
156	Toward Understanding Molecular Bases for Biological Diversification of Human Coronaviruses: Present Status and Future Perspectives. <i>Frontiers in Microbiology</i> , 2020, 11, 2016.	1.5	11
157	Integrative transcriptomics analysis of lung epithelial cells and identification of repurposable drug candidates for COVID-19. <i>European Journal of Pharmacology</i> , 2020, 887, 173594.	1.7	52
158	Opinions on the current pandemic of COVID-19: Use functional food to boost our immune functions. <i>Journal of Infection and Public Health</i> , 2020, 13, 1811-1817.	1.9	27
159	Nanomedicine strategies to target coronavirus. <i>Nano Today</i> , 2020, 35, 100961.	6.2	48
160	Mitigation of the replication of SARS-CoV-2 by nitric oxide in vitro. <i>Redox Biology</i> , 2020, 37, 101734.	3.9	135
161	anti-HCoV: A web resource to collect natural compounds against human coronaviruses. <i>Trends in Food Science and Technology</i> , 2020, 106, 1-11.	7.8	4
162	BCG vaccine: a hope to control COVID-19 pandemic amid crisis. <i>Human Vaccines and Immunotherapeutics</i> , 2020, 16, 2954-2962.	1.4	19
163	Molecular Diagnosis of Coronavirus Disease 2019. , 2020, 2, e0184.		6
164	The Potential Intermediate Hosts for SARS-CoV-2. <i>Frontiers in Microbiology</i> , 2020, 11, 580137.	1.5	105

#	ARTICLE	IF	CITATIONS
165	Molecular characterization, pathogen-host interaction pathway and in silico approaches for vaccine design against COVID-19. <i>Journal of Chemical Neuroanatomy</i> , 2020, 110, 101874.	1.0	16
166	A nanoluciferase SARS-CoV-2 for rapid neutralization testing and screening of anti-infective drugs for COVID-19. <i>Nature Communications</i> , 2020, 11, 5214.	5.8	179
167	Molecular basis of COVID-19 pathogenesis. <i>Russian Chemical Reviews</i> , 2020, 89, 858-878.	2.5	16
168	COVID-19 and Oral Fluids. <i>Frontiers in Dental Medicine</i> , 2020, 1, .	0.5	0
169	Neurological manifestations of COVID-19: a systematic review and meta-analysis of proportions. <i>Neurological Sciences</i> , 2020, 41, 3437-3470.	0.9	151
170	2020 update on human coronaviruses: One health, one world. <i>Medicine in Novel Technology and Devices</i> , 2020, 8, 100043.	0.9	21
171	SÃndrome inflamatorio multisistÃ©mico en niÃ±os con COVID-19: una visiÃ³n desde la reumatologÃa. <i>Revista Colombiana De ReumatologÃa</i> , 2020, 28, 289-289.	0.0	0
172	A systematic review of etiology, epidemiology, clinical manifestations, image findings, and medication of 2019 Corona Virus Disease-19 in Wuhan, China. <i>Medicine (United States)</i> , 2020, 99, e22688.	0.4	10
173	New Caputo-Fabrizio fractional order $SEIAS$ model for COVID-19 epidemic transmission with genetic algorithm based control strategy. <i>AEJ - Alexandria Engineering Journal</i> , 2020, 59, 4719-4736.	3.4	30
174	Innate and adaptive immune responses against coronavirus. <i>Biomedicine and Pharmacotherapy</i> , 2020, 132, 110859.	2.5	106
175	SARS-CoV-2 infection, disease and transmission in domestic cats. <i>Emerging Microbes and Infections</i> , 2020, 9, 2322-2332.	3.0	215
176	Use of Nonsteroidal Anti-inflammatory Drugs for COVID-19 Infection: Adjunct Therapy?. <i>Cardiology in Review</i> , 2020, 28, 303-307.	0.6	10
177	The Good, The Bad and The Ugly: A Mathematical Model Investigates the Differing Outcomes Among COVID-19 Patients. <i>Journal of the Indian Institute of Science</i> , 2020, 100, 673-681.	0.9	11
178	Understanding the SARS-CoV-2 to Manage COVID-19. <i>Indian Journal of Cardiovascular Disease in Women WINCARS</i> , 2020, 5, 285-293.	0.1	0
179	Coronaviruses: Innate Immunity, Inflammasome Activation, Inflammatory Cell Death, and Cytokines. <i>Trends in Immunology</i> , 2020, 41, 1083-1099.	2.9	154
180	Promising terpenes as SARS-CoV-2 spike receptor-binding domain (RBD) attachment inhibitors to the human ACE2 receptor: Integrated computational approach. <i>Journal of Molecular Liquids</i> , 2020, 320, 114493.	2.3	97
181	Construction of Stable Reporter Flaviviruses and Their Applications. <i>Viruses</i> , 2020, 12, 1082.	1.5	15
182	COVID-19 and multiorgan failure: A narrative review on potential mechanisms. <i>Journal of Molecular Histology</i> , 2020, 51, 613-628.	1.0	317

#	ARTICLE	IF	CITATIONS
183	Epidemiologic and clinical characteristics of 42 deaths caused by SARS-CoV-2 infection in Wuhan, China: A retrospective study. <i>Biosafety and Health</i> , 2020, 2, 164-168.	1.2	1
184	Occurrence of backward bifurcation and prediction of disease transmission with imperfect lockdown: A case study on COVID-19. <i>Chaos, Solitons and Fractals</i> , 2020, 140, 110163.	2.5	40
185	Site mapping and small molecule blind docking reveal a possible target site on the SARS-CoV-2 main protease dimer interface. <i>Computational Biology and Chemistry</i> , 2020, 89, 107372.	1.1	30
186	Emerging strategies on in silico drug development against COVID-19: challenges and opportunities. <i>European Journal of Pharmaceutical Sciences</i> , 2020, 155, 105522.	1.9	25
187	Molecular biology of coronaviruses: current knowledge. <i>Heliyon</i> , 2020, 6, e04743.	1.4	75
188	New insights on possible vaccine development against SARS-CoV-2. <i>Life Sciences</i> , 2020, 260, 118421.	2.0	8
189	The novel coronavirus Disease-2019 (COVID-19): Mechanism of action, detection and recent therapeutic strategies. <i>Virology</i> , 2020, 551, 1-9.	1.1	179
190	Molecular Simulations and Network Modeling Reveal an Allosteric Signaling in the SARS-CoV-2 Spike Proteins. <i>Journal of Proteome Research</i> , 2020, 19, 4587-4608.	1.8	72
191	Early prediction of disease progression in COVID-19 pneumonia patients with chest CT and clinical characteristics. <i>Nature Communications</i> , 2020, 11, 4968.	5.8	183
192	Making a case for using $\hat{I}^{\hat{3}}\hat{T}$ T cells against SARS-CoV-2. <i>Critical Reviews in Microbiology</i> , 2020, 46, 689-702.	2.7	20
193	Innate immune-mediated antiviral response to SARS-CoV-2 and convalescent sera a potential prophylactic and therapeutic agent to tackle COVID-19. <i>Antibody Therapeutics</i> , 2020, 3, 212-220.	1.2	2
194	A database resource and online analysis tools for coronaviruses on a historical and global scale. <i>Database: the Journal of Biological Databases and Curation</i> , 2021, 2020, .	1.4	15
195	Cyclophilin A and CD147: novel therapeutic targets for the treatment of COVID-19. <i>Medicine in Drug Discovery</i> , 2020, 7, 100056.	2.3	67
196	Distinct conformational states of SARS-CoV-2 spike protein. <i>Science</i> , 2020, 369, 1586-1592.	6.0	995
197	Biological, clinical and epidemiological features of COVID-19, SARS and MERS and AutoDock simulation of ACE2. <i>Infectious Diseases of Poverty</i> , 2020, 9, 99.	1.5	59
198	Recent Advancements in the Diagnosis, Prevention, and Prospective Drug Therapy of COVID-19. <i>Frontiers in Public Health</i> , 2020, 8, 384.	1.3	13
199	Age-Dependent Progression of SARS-CoV-2 Infection in Syrian Hamsters. <i>Viruses</i> , 2020, 12, 779.	1.5	192
200	The Natural History, Pathobiology, and Clinical Manifestations of SARS-CoV-2 Infections. <i>Journal of NeuroImmune Pharmacology</i> , 2020, 15, 359-386.	2.1	391

#	ARTICLE	IF	CITATIONS
201	Lack of antibody-mediated cross-protection between SARS-CoV-2 and SARS-CoV infections. <i>EBioMedicine</i> , 2020, 58, 102890.	2.7	25
202	The pathogenicity of SARS-CoV-2 in hACE2 transgenic mice. <i>Nature</i> , 2020, 583, 830-833.	13.7	992
203	SARS-CoV-2 proteome microarray for global profiling of COVID-19 specific IgG and IgM responses. <i>Nature Communications</i> , 2020, 11, 3581.	5.8	251
204	Immune-mediated approaches against COVID-19. <i>Nature Nanotechnology</i> , 2020, 15, 630-645.	15.6	260
205	Consensus virtual screening of dark chemical matter and food chemicals uncover potential inhibitors of SARS-CoV-2 main protease. <i>RSC Advances</i> , 2020, 10, 25089-25099.	1.7	23
206	Combating COVID-19 and Building Immune Resilience: A Potential Role for Magnesium Nutrition?. <i>Journal of the American College of Nutrition</i> , 2020, 39, 685-693.	1.1	60
207	Computational discovery of small drug-like compounds as potential inhibitors of SARS-CoV-2 main protease. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 5779-5791.	2.0	25
208	A 14-year Prospective Study of Human Coronavirus Infections in Hospitalized Children. <i>Pediatric Infectious Disease Journal</i> , 2020, 39, 653-657.	1.1	23
209	Severe acute respiratory syndrome coronavirus 2 infection risk during elective perioperative care: a narrative review. <i>Anaesthesia</i> , 2020, 75, 1648-1658.	1.8	5
210	The novel Chinese coronavirus (2019-nCoV) infections: Challenges for fighting the storm. <i>European Journal of Clinical Investigation</i> , 2020, 50, e13209.	1.7	285
211	COVID-19: A Review for the Pediatric Neurologist. <i>Journal of Child Neurology</i> , 2020, 35, 934-939.	0.7	33
212	Coronavirus infections: Epidemiological, clinical and immunological features and hypotheses. <i>Cell Stress</i> , 2020, 4, 66-75.	1.4	271
213	Autoimmune and rheumatic musculoskeletal diseases as a consequence of SARS-CoV-2 infection and its treatment. <i>Rheumatology International</i> , 2020, 40, 1539-1554.	1.5	90
214	Molecular targets for COVID-19 drug development: Enlightening Nigerians about the pandemic and future treatment. <i>Biosafety and Health</i> , 2020, 2, 210-216.	1.2	23
215	Gaining insights on immune responses to the novel coronavirus, COVID-19 and therapeutic challenges. <i>Life Sciences</i> , 2020, 257, 118058.	2.0	11
216	The dual impact of ACE2 in COVID-19 and ironical actions in geriatrics and pediatrics with possible therapeutic solutions. <i>Life Sciences</i> , 2020, 257, 118075.	2.0	87
217	COVID-19 treatment: Much research and testing, but far, few magic bullets against SARS-CoV-2 coronavirus. <i>European Journal of Medicinal Chemistry</i> , 2020, 203, 112647.	2.6	26
218	Harnessing nitric oxide for preventing, limiting and treating the severe pulmonary consequences of COVID-19. <i>Nitric Oxide - Biology and Chemistry</i> , 2020, 103, 4-8.	1.2	78

#	ARTICLE	IF	CITATIONS
219	Targeting zinc metalloenzymes in coronavirus disease 2019. <i>British Journal of Pharmacology</i> , 2020, 177, 4887-4898.	2.7	32
220	Pregnancy, Viral Infection, and COVID-19. <i>Frontiers in Immunology</i> , 2020, 11, 1672.	2.2	73
221	Insights into pediatric multi-system inflammatory syndrome and COVID-19. <i>Clinica Chimica Acta</i> , 2020, 510, 121-122.	0.5	2
222	Current and Perspective Diagnostic Techniques for COVID-19. <i>ACS Infectious Diseases</i> , 2020, 6, 1998-2016.	1.8	116
223	Structural basis for translational shutdown and immune evasion by the Nsp1 protein of SARS-CoV-2. <i>Science</i> , 2020, 369, 1249-1255.	6.0	635
224	Prevalence of Cardiovascular Comorbidities in Coronavirus Disease 2019, Severe Acute Respiratory Syndrome, and Middle East Respiratory Syndrome: Pooled Analysis of Published Data. <i>Journal of the American Heart Association</i> , 2020, 9, e016812.	1.6	19
225	COVID-19: Coagulopathy, Risk of Thrombosis, and the Rationale for Anticoagulation. <i>Clinical and Applied Thrombosis/Hemostasis</i> , 2020, 26, 107602962093814.	0.7	304
226	RNA-Dependent RNA Polymerase as a Target for COVID-19 Drug Discovery. <i>SLAS Discovery</i> , 2020, 25, 1141-1151.	1.4	131
227	Profile of SARS-CoV-2. <i>Wiener Klinische Wochenschrift</i> , 2020, 132, 635-644.	1.0	4
228	Evaluation of the novel coronavirus disease in Turkish children: Preliminary outcomes. <i>Pediatric Pulmonology</i> , 2020, 55, 3587-3594.	1.0	12
229	Cytokine Storm May Not Be the Chief Culprit for the Deterioration of COVID-19. <i>Viral Immunology</i> , 2020, 34, 336-341.	0.6	10
230	Impact of SARS-CoV-2 on Male Reproductive Health: A Review of the Literature on Male Reproductive Involvement in COVID-19. <i>Frontiers in Medicine</i> , 2020, 7, 594364.	1.2	22
231	Vitamin D3 as Potential Treatment Adjuncts for COVID-19. <i>Nutrients</i> , 2020, 12, 3512.	1.7	39
232	Saliva NMR-Based Metabolomics in the War Against COVID-19. <i>Analytical Chemistry</i> , 2020, 92, 15688-15692.	3.2	27
233	Physical Exercise as a Multimodal Tool for COVID-19: Could It Be Used as a Preventive Strategy?. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 8496.	1.2	47
234	Sepsis neonatal tardãa por SARS CoV-2. <i>Biomedica</i> , 2020, 40, 44-49.	0.3	6
235	Understanding the Clinical Features of Coronavirus Disease 2019 From the Perspective of Aging: A Systematic Review and Meta-Analysis. <i>Frontiers in Endocrinology</i> , 2020, 11, 557333.	1.5	11
237	Management strategy for cancer patients in the context of the COVID-19 epidemic. <i>Seminars in Oncology</i> , 2020, 47, 312-314.	0.8	2

#	ARTICLE	IF	CITATIONS
238	Insights into the Origin, Transmission and Outbreak of Coronavirus Disease (Covid 19): A Recent Study. Asian Journal of Chemistry, 2020, 32, 2403-2415.	0.1	0
239	Drawing Comparisons between SARS-CoV-2 and the Animal Coronaviruses. Microorganisms, 2020, 8, 1840.	1.6	14
240	COVID-19: lessons to date from China. Archives of Disease in Childhood, 2020, 105, 1146-1150.	1.0	15
241	Domestic, Wildlife and Environmental Virology: Molecular Epidemiology and Serological Surveillance. , 2020, , 288-300.		0
242	RBD-Fc-based COVID-19 vaccine candidate induces highly potent SARS-CoV-2 neutralizing antibody response. Signal Transduction and Targeted Therapy, 2020, 5, 282.	7.1	149
243	Role of Inflammation in Virus Pathogenesis during Pregnancy. Journal of Virology, 2020, 95, .	1.5	23
244	Addressing the Challenges in dental practice during Covid-19: A review. Orthodontic Journal of Nepal, 2020, 9, 17-20.	0.0	1
245	Genome-wide mapping of SARS-CoV-2 RNA structures identifies therapeutically-relevant elements. Nucleic Acids Research, 2020, 48, 12436-12452.	6.5	195
246	COVID-19 in Elderly Adults: Clinical Features, Molecular Mechanisms, and Proposed Strategies. , 2020, 11, 1481.		12
247	Non-Receptor-Mediated Lipid Membrane Permeabilization by the SARS-CoV-2 Spike Protein S1 Subunit. ACS Applied Materials & Interfaces, 2020, 12, 55649-55658.	4.0	21
248	In Silico Discovery of Antimicrobial Peptides as an Alternative to Control SARS-CoV-2. Molecules, 2020, 25, 5535.	1.7	21
249	Combating the Pandemic COVID-19: Clinical Trials, Therapies and Perspectives. Frontiers in Molecular Biosciences, 2020, 7, 606393.	1.6	21
250	Clinical Characteristics, Diagnosis, and Treatment of Major Coronavirus Outbreaks. Frontiers in Medicine, 2020, 7, 581521.	1.2	42
251	Age-related mitochondrial dysfunction as a key factor in COVID-19 disease. Experimental Gerontology, 2020, 142, 111147.	1.2	73
252	Epitope-Based Potential Vaccine Candidate for Humoral and Cell-Mediated Immunity to Combat Severe Acute Respiratory Syndrome Coronavirus 2 Pandemic. Journal of Physical Chemistry Letters, 2020, 11, 9920-9930.	2.1	12
253	How the zoonotic origins of SARS-CoV-2 ensure its survival as a human disease. British Journal of Community Nursing, 2020, 25, 562-566.	0.2	1
254	Recent advances in therapeutic applications of neutralizing antibodies for virus infections: an overview. Immunologic Research, 2020, 68, 325-339.	1.3	39
255	<p>Multiple Expression Assessments of ACE2 and TMPRSS2 SARS-CoV-2 Entry Molecules in the Urinary Tract and Their Associations with Clinical Manifestations of COVID-19<p>. Infection and Drug Resistance, 2020, Volume 13, 3977-3990.	1.1	31

#	ARTICLE	IF	CITATIONS
256	Investigation of the Potential Mechanism Governing the Effect of the Shen Zhu San on COVID-19 by Network Pharmacology. Evidence-based Complementary and Alternative Medicine, 2020, 2020, 1-23.	0.5	6
257	Dissecting the Drug Development Strategies Against SARS-CoV-2 Through Diverse Computational Modeling Techniques. Methods in Pharmacology and Toxicology, 2020, , 329-431.	0.1	4
258	Translation and Replication Dynamics of Single RNA Viruses. Cell, 2020, 183, 1930-1945.e23.	13.5	47
259	Revealing the Inhibition Mechanism of RNA-Dependent RNA Polymerase (RdRp) of SARS-CoV-2 by Remdesivir and Nucleotide Analogues: A Molecular Dynamics Simulation Study. Journal of Physical Chemistry B, 2020, 124, 10641-10652.	1.2	33
260	Prolonged shedding of severe acute respiratory syndrome coronavirus 2 in patients with COVID-19. Emerging Microbes and Infections, 2020, 9, 2571-2577.	3.0	65
262	Quarantine at home may not enough!-from the epidemiological data in Shaanxi Province of China. BMC Research Notes, 2020, 13, 506.	0.6	2
263	Immunosenescence and Inflammaging: Risk Factors of Severe COVID-19 in Older People. Frontiers in Immunology, 2020, 11, 579220.	2.2	115
264	Coronavirus Disease 2019: A Brief Review of the Clinical Manifestations and Pathogenesis to the Novel Management Approaches and Treatments. Frontiers in Oncology, 2020, 10, 572329.	1.3	7
265	The Role of Molecular Chaperones in Virus Infection and Implications for Understanding and Treating COVID-19. Journal of Clinical Medicine, 2020, 9, 3518.	1.0	30
267	Computational Studies of SARS-CoV-2 3CLpro: Insights from MD Simulations. International Journal of Molecular Sciences, 2020, 21, 5346.	1.8	48
268	Modeling the viral dynamics of SARS-CoV-2 infection. Mathematical Biosciences, 2020, 328, 108438.	0.9	120
269	Acute Olfactory Dysfunctionâ€”A Primary Presentation of COVID-19 Infection. Ear, Nose and Throat Journal, 2020, 99, 94-98.	0.4	11
270	Dynamic changes in clinical and CT characteristics of COVID-19 cases with different exposure histories: a retrospective study. BMC Infectious Diseases, 2020, 20, 567.	1.3	5
271	Preliminary Study of Sars-Cov-2 Occurrence in Wastewater in the Czech Republic. International Journal of Environmental Research and Public Health, 2020, 17, 5508.	1.2	89
272	COVID-19: The Immune Responses and Clinical Therapy Candidates. International Journal of Molecular Sciences, 2020, 21, 5559.	1.8	25
273	Description of a new biosafe procedure for cytological specimens from patients with COVID-19 processed by liquid-based preparations. Cancer Cytopathology, 2020, 128, 905-909.	1.4	9
274	Multi-organ Dysfunction in Patients with COVID-19: A Systematic Review and Meta-analysis. , 2020, 11, 874.		97
275	Short-Term Economic Impact of COVID-19 on Spanish Small Ruminant Flocks. Animals, 2020, 10, 1357.	1.0	9

#	ARTICLE	IF	CITATIONS
276	Current diagnostic tools for coronavirusesâ€”From laboratory diagnosis to <sc>POC</sc> diagnosis for <sc>COVID</sc>â€”19. <i>Bioengineering and Translational Medicine</i> , 2020, 5, e10177.	3.9	30
277	Bis(sulfosuccinimidyl)suberate-Based Helix-Shaped Microchannels as Enhancers of Biomolecule Isolation from Liquid Biopsies. <i>Analytical Chemistry</i> , 2020, 92, 11994-12001.	3.2	7
278	In silico investigation of phytoconstituents from Indian medicinal herb â€”<i>Tinospora cordifolia</i> (giloy)â€™ against SARS-CoV-2 (COVID-19) by molecular dynamics approach. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 6792-6809.	2.0	109
279	High seroprevalence of SARS-CoV-2 in elderly care employees in Sweden. <i>Infection Ecology and Epidemiology</i> , 2020, 10, 1789036.	0.5	34
280	<p>Current Status of Laboratory Diagnosis for COVID-19: A Narrative Review</p>. <i>Infection and Drug Resistance</i> , 2020, Volume 13, 2657-2665.	1.1	70
281	Overview of Immune Response During SARS-CoV-2 Infection: Lessons From the Past. <i>Frontiers in Immunology</i> , 2020, 11, 1949.	2.2	345
282	Drugs against SARSâ€™CoV â€”2: What do we know about their mode of action?. <i>Reviews in Medical Virology</i> , 2020, 30, 1-10.	3.9	30
283	Presence of Genetic Variants Among Young Men With Severe COVID-19. <i>JAMA - Journal of the American Medical Association</i> , 2020, 324, 663.	3.8	626
284	Evaluation of electrocardiographic ventricular repolarization variables in patients with newly diagnosed COVID-19. <i>Journal of Electrocardiology</i> , 2020, 62, 5-9.	0.4	26
285	Diabetes and COVID-19: A systematic review on the current evidences. <i>Diabetes Research and Clinical Practice</i> , 2020, 166, 108347.	1.1	176
286	The Long Road Toward COVID-19 Herd Immunity: Vaccine Platform Technologies and Mass Immunization Strategies. <i>Frontiers in Immunology</i> , 2020, 11, 1817.	2.2	189
287	Therapeutic and vaccine strategies against SARS-CoV-2: past, present and future. <i>Future Virology</i> , 2020, 15, 471-482.	0.9	15
288	Factors Influencing Global Variations in COVID-19 Cases and Fatalities; A Review. <i>Healthcare (Switzerland)</i> , 2020, 8, 216.	1.0	33
289	High Throughput Virtual Screening to Discover Inhibitors of the Main Protease of the Coronavirus SARS-CoV-2. <i>Molecules</i> , 2020, 25, 3193.	1.7	70
290	Immune Pathogenesis of COVID-19 Intoxication: Storm or Silence?. <i>Pharmaceuticals</i> , 2020, 13, 166.	1.7	16
291	Advances and challenges in the prevention and treatment of COVID-19. <i>International Journal of Medical Sciences</i> , 2020, 17, 1803-1810.	1.1	14
292	Identification of some novel oxazine substituted 9-anilinoacridines as SARS-CoV-2 inhibitors for COVID-19 by molecular docking, free energy calculation and molecular dynamics studies. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 5551-5562.	2.0	21
293	Interplay between SARS-CoV-2 and the type I interferon response. <i>PLoS Pathogens</i> , 2020, 16, e1008737.	2.1	406

#	ARTICLE	IF	CITATIONS
294	Organ-specific manifestations of COVID-19 infection. <i>Clinical and Experimental Medicine</i> , 2020, 20, 493-506.	1.9	351
295	The four horsemen of a viral Apocalypse: The pathogenesis of SARS-CoV-2 infection (COVID-19). <i>EBioMedicine</i> , 2020, 58, 102887.	2.7	114
296	Severe Acute Respiratory Syndrome Coronavirus 2 and Coronavirus Disease 2019: A Clinical Overview and Primer. <i>Biopreservation and Biobanking</i> , 2020, 18, 492-502.	0.5	9
297	Clinical Factors Associated with Progression and Prolonged Viral Shedding in COVID-19 Patients: A Multicenter Study. , 2020, 11, 1069.		28
298	Classification of the present pharmaceutical agents based on the possible effective mechanism on the COVID-19 infection. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2020, 28, 745-764.	0.9	14
299	Shedding of SARS-CoV-2 in feces and urine and its potential role in person-to-person transmission and the environment-based spread of COVID-19. <i>Science of the Total Environment</i> , 2020, 749, 141364.	3.9	293
300	Psychiatric face of COVID-19. <i>Translational Psychiatry</i> , 2020, 10, 261.	2.4	169
301	Anti-SARS-CoV-2 activities in vitro of Shuanghuanglian preparations and bioactive ingredients. <i>Acta Pharmacologica Sinica</i> , 2020, 41, 1167-1177.	2.8	314
302	Activation and evasion of type I interferon responses by SARS-CoV-2. <i>Nature Communications</i> , 2020, 11, 3810.	5.8	806
303	A Cell-Based Reporter Assay for Screening Inhibitors of MERS Coronavirus RNA-Dependent RNA Polymerase Activity. <i>Journal of Clinical Medicine</i> , 2020, 9, 2399.	1.0	29
304	Risk factors for developing into critical COVID-19 patients in Wuhan, China: A multicenter, retrospective, cohort study. <i>EclinicalMedicine</i> , 2020, 25, 100471.	3.2	63
305	New disease old vaccine: Is recombinant BCG vaccine an answer for COVID-19?. <i>Cellular Immunology</i> , 2020, 356, 104187.	1.4	22
306	Probing antiviral drugs against SARS-CoV-2 through virus-drug association prediction based on the KATZ method. <i>Genomics</i> , 2020, 112, 4427-4434.	1.3	32
307	Flavonoids with inhibitory activity against SARS-CoV-2 3CLpro. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2020, 35, 1539-1544.	2.5	113
308	Analysis of the Infection Status of Healthcare Workers in Wuhan During the COVID-19 Outbreak: A Cross-sectional Study. <i>Clinical Infectious Diseases</i> , 2020, 71, 2109-2113.	2.9	107
309	Potential role of ACE2 in coronavirus disease 2019 (COVID-19) prevention and management. <i>Journal of Translational Internal Medicine</i> , 2020, 8, 9-19.	1.0	105
310	Single Virus Targeting Multiple Organs: What We Know and Where We Are Heading?. <i>Frontiers in Medicine</i> , 2020, 7, 370.	1.2	31
311	Approaches and advances in the development of potential therapeutic targets and antiviral agents for the management of SARS-CoV-2 infection. <i>European Journal of Pharmacology</i> , 2020, 885, 173450.	1.7	15

#	ARTICLE	IF	CITATIONS
312	From Mutation Signature to Molecular Mechanism in the RNA World: A Case of SARS-CoV-2. <i>Genomics, Proteomics and Bioinformatics</i> , 2020, 18, 627-639.	3.0	4
313	Point-of-Care Diagnostics of COVID-19: From Current Work to Future Perspectives. <i>Sensors</i> , 2020, 20, 4289.	2.1	67
314	COVID-19 and diabetes mellitus: how one pandemic worsens the other. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2020, 21, 451-463.	2.6	60
315	Distinct Early Serological Signatures Track with SARS-CoV-2 Survival. <i>Immunity</i> , 2020, 53, 524-532.e4.	6.6	334
316	The pathophysiology of SARS-CoV-2: A suggested model and therapeutic approach. <i>Life Sciences</i> , 2020, 258, 118166.	2.0	79
317	In vitro screening of a FDA approved chemical library reveals potential inhibitors of SARS-CoV-2 replication. <i>Scientific Reports</i> , 2020, 10, 13093.	1.6	311
318	Naturally occurring SARS-CoV-2 gene deletions close to the spike S1/S2 cleavage site in the viral quasispecies of COVID19 patients. <i>Emerging Microbes and Infections</i> , 2020, 9, 1900-1911.	3.0	57
319	PTSD symptoms in healthcare workers facing the three coronavirus outbreaks: What can we expect after the COVID-19 pandemic. <i>Psychiatry Research</i> , 2020, 292, 113312.	1.7	433
320	Genomic variance of Open Reading Frames (ORFs) and Spike protein in severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2). <i>Journal of the Chinese Medical Association</i> , 2020, 83, 725-732.	0.6	27
321	SARS-CoV-2-specific T cell immunity in cases of COVID-19 and SARS, and uninfected controls. <i>Nature</i> , 2020, 584, 457-462.	13.7	1,744
322	Single-cell landscape of immunological responses in patients with COVID-19. <i>Nature Immunology</i> , 2020, 21, 1107-1118.	7.0	508
323	Derivatization and combination therapy of current COVID-19 therapeutic agents: a review of mechanistic pathways, adverse effects, and binding sites. <i>Drug Discovery Today</i> , 2020, 25, 1822-1838.	3.2	13
324	COVID-19 in pregnancy: Placental and neonatal involvement. <i>American Journal of Reproductive Immunology</i> , 2020, 84, e13306.	1.2	77
325	Pathophysiology of COVID-19: Mechanisms Underlying Disease Severity and Progression. <i>Physiology</i> , 2020, 35, 288-301.	1.6	164
326	Early Epidemiological Features of COVID-19 in Nepal and Public Health Response. <i>Frontiers in Medicine</i> , 2020, 7, 524.	1.2	26
327	Immunosuppressive Drugs and COVID-19: A Review. <i>Frontiers in Pharmacology</i> , 2020, 11, 1333.	1.6	89
328	Immune Response and COVID-19: A mirror image of Sepsis. <i>International Journal of Biological Sciences</i> , 2020, 16, 2479-2489.	2.6	60
329	Antimalarials as Antivirals for COVID-19: Believe it or Not!. <i>American Journal of the Medical Sciences</i> , 2020, 360, 618-630.	0.4	20

#	ARTICLE	IF	CITATIONS
330	European Society For Emergency Medicine position paper on emergency medical systemsâ€™ response to COVID-19. <i>European Journal of Emergency Medicine</i> , 2020, 27, 174-177.	0.5	82
331	Obesity as a contributor to immunopathology in pregnant and nonâ€™pregnant adults with COVIDâ€™19. <i>American Journal of Reproductive Immunology</i> , 2020, 84, e13320.	1.2	14
332	Understanding COVID-19: From Origin to Potential Therapeutics. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 5904.	1.2	13
333	COVID-19 and multisystem inflammatory syndrome in children and adolescents. <i>Lancet Infectious Diseases</i> , The, 2020, 20, e276-e288.	4.6	590
334	Transcriptomic analysis reveals novel mechanisms of SARSâ€™CoVâ€™2 infection in human lung cells. <i>Immunity, Inflammation and Disease</i> , 2020, 8, 753-762.	1.3	13
335	A Testimony of the Surgent SARS-CoV-2 in the Immunological Panorama of the Human Host. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 575404.	1.8	4
336	Heparin Therapy Improving Hypoxia in COVID-19 Patients â€™ A Case Series. <i>Frontiers in Physiology</i> , 2020, 11, 573044.	1.3	46
337	Challenges and future directions of potential natural products leads against 2019-nCoV outbreak. <i>Current Plant Biology</i> , 2020, 24, 100180.	2.3	7
338	Autopsies of suspected SARS-CoV-2 cases. <i>Spanish Journal of Legal Medicine</i> , 2020, 46, 93-100.	0.4	1
339	SARS-CoV-2 Orf6 hijacks Nup98 to block STAT nuclear import and antagonize interferon signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 28344-28354.	3.3	421
340	Inflammation, Thrombosis, and Destruction: The Three-Headed Cerberus of Trauma- and SARS-CoV-2-Induced ARDS. <i>Frontiers in Immunology</i> , 2020, 11, 584514.	2.2	25
341	A comparative phylogenomic analysis of SARS-CoV-2 strains reported from non-human mammalian species and environmental samples. <i>Molecular Biology Reports</i> , 2020, 47, 9207-9217.	1.0	12
342	COVID-19 in health-care workers: lessons from SARS and MERS epidemics and perspectives for chemoprophylaxis and vaccines.. <i>Expert Review of Vaccines</i> , 2020, 19, 937-947.	2.0	12
343	Protocol for a prospective, observational, hospital-based multicentre study of nosocomial SARS-CoV-2 transmission: NOSO-COR Project. <i>BMJ Open</i> , 2020, 10, e039088.	0.8	16
344	A 21st Century Evil: Immunopathology and New Therapies of COVID-19. <i>Frontiers in Immunology</i> , 2020, 11, 562264.	2.2	8
345	Epidemiological characteristics and the entire evolution of coronavirus disease 2019 in Wuhan, China. <i>Respiratory Research</i> , 2020, 21, 257.	1.4	5
346	Deciphering the SSR incidences across viral members of Coronaviridae family. <i>Chemico-Biological Interactions</i> , 2020, 331, 109226.	1.7	5
347	Infectious exanthemas in childhood. <i>JDDG - Journal of the German Society of Dermatology</i> , 2020, 18, 1128-1155.	0.4	9

#	ARTICLE	IF	CITATIONS
348	Aerosol transmission for SARS-CoV-2 in the dental practice. A review by SIdP Covid-19 task force. Oral Diseases, 2022, 28, 852-857.	1.5	18
349	Exploring Host Genetic Polymorphisms Involved in SARS-CoV Infection Outcomes: Implications for Personalized Medicine in COVID-19. International Journal of Genomics, 2020, 2020, 1-8.	0.8	19
350	Stopping the COVID-19 Pandemic: A Review on the Advances of Diagnosis, Treatment, and Control Measures. Journal of Pathogens, 2020, 2020, 1-12.	0.9	19
351	Perspective: The Potential Effects of Naringenin in COVID-19. Frontiers in Immunology, 2020, 11, 570919.	2.2	47
352	Cytokine storm and COVID-19: a chronicle of pro-inflammatory cytokines. Open Biology, 2020, 10, 200160.	1.5	232
353	Global impact of environmental temperature and BCG vaccination coverage on the transmissibility and fatality rate of COVID-19. PLoS ONE, 2020, 15, e0240710.	1.1	14
354	Computational Study of the Ion and Water Permeation and Transport Mechanisms of the SARS-CoV-2 Pentameric E Protein Channel. Frontiers in Molecular Biosciences, 2020, 7, 565797.	1.6	26
355	Persistence, transmission, and infectivity of SARS-CoV-2 in inanimate environments. Case Studies in Chemical and Environmental Engineering, 2020, 2, 100047.	2.9	9
356	Neurotropism of SARS-CoV-2 and its neuropathological alterations: Similarities with other coronaviruses. Neuroscience and Biobehavioral Reviews, 2020, 119, 184-193.	2.9	50
357	Utility of Proteomics in Emerging and Re-Emerging Infectious Diseases Caused by RNA Viruses. Journal of Proteome Research, 2020, 19, 4259-4274.	1.8	32
358	Exploring structural dynamics of the MERS-CoV receptor DPP4 and mutant DPP4 receptors. Journal of Biomolecular Structure and Dynamics, 2022, 40, 752-763.	2.0	9
359	Picking up a Fight: Fine Tuning Mitochondrial Innate Immune Defenses Against RNA Viruses. Frontiers in Microbiology, 2020, 11, 1990.	1.5	23
360	The role of neutrophil-lymphocyte ratio and lymphocyte-monocyte ratio in the prognosis of type 2 diabetics with COVID-19. Scottish Medical Journal, 2020, 65, 154-160.	0.7	25
361	COVID-19 and Genetic Variants of Protein Involved in the SARS-CoV-2 Entry into the Host Cells. Genes, 2020, 11, 1010.	1.0	88
362	The Potential of Low Molecular Weight Heparin to Mitigate Cytokine Storm in Severe COVID-19 Patients: A Retrospective Cohort Study. Clinical and Translational Science, 2020, 13, 1087-1095.	1.5	132
363	Immunological considerations for COVID-19 vaccine strategies. Nature Reviews Immunology, 2020, 20, 615-632.	10.6	806
364	Knowledge and practice regarding prevention of COVID-19 among the Saudi Arabian population. Work, 2020, 66, 767-775.	0.6	42
365	Neurological Damage by Coronaviruses: A Catastrophe in the Queue!. Frontiers in Immunology, 2020, 11, 565521.	2.2	38

#	ARTICLE	IF	CITATIONS
366	Animal-Origin Viral Zoonoses. <i>Livestock Diseases and Management</i> , 2020, , .	0.5	9
367	A Review of the Preclinical and Clinical Efficacy of Remdesivir, Hydroxychloroquine, and Lopinavir-Ritonavir Treatments against COVID-19. <i>SLAS Discovery</i> , 2020, 25, 1108-1122.	1.4	25
368	Assessment of proton-coupled conformational dynamics of SARS and MERS coronavirus papain-like proteases: Implication for designing broad-spectrum antiviral inhibitors. <i>Journal of Chemical Physics</i> , 2020, 153, 115101.	1.2	46
369	Post-infectious neurological disorders. <i>Therapeutic Advances in Neurological Disorders</i> , 2020, 13, 175628642095290.	1.5	32
370	Phototherapy as a Rational Antioxidant Treatment Modality in COVID-19 Management; New Concept and Strategic Approach: Critical Review. <i>Antioxidants</i> , 2020, 9, 875.	2.2	21
371	Neuroimaging in Zoonotic Outbreaks Affecting the Central Nervous System: Are We Fighting the Last War?. <i>American Journal of Neuroradiology</i> , 2020, 41, 1760-1767.	1.2	7
372	Epigenetic susceptibility to severe respiratory viral infections and its therapeutic implications: a narrative review. <i>British Journal of Anaesthesia</i> , 2020, 125, 1002-1017.	1.5	36
373	The Immune Response and Immunopathology of COVID-19. <i>Frontiers in Immunology</i> , 2020, 11, 2037.	2.2	137
374	CoronaVR: A Computational Resource and Analysis of Epitopes and Therapeutics for Severe Acute Respiratory Syndrome Coronavirus-2. <i>Frontiers in Microbiology</i> , 2020, 11, 1858.	1.5	23
375	In Silico Identification of Potential Natural Product Inhibitors of Human Proteases Key to SARS-CoV-2 Infection. <i>Molecules</i> , 2020, 25, 3822.	1.7	51
376	COVID-19: Suche nach einem Impfstoff. <i>Essentials</i> , 2020, , .	0.1	3
377	Acupressure therapy and Liu Zi Jue Qigong for pulmonary function and quality of life in patients with severe novel coronavirus pneumonia (COVID-19): a study protocol for a randomized controlled trial. <i>Trials</i> , 2020, 21, 751.	0.7	19
378	Prediction and Analysis of SARS-CoV-2-Targeting MicroRNA in Human Lung Epithelium. <i>Genes</i> , 2020, 11, 1002.	1.0	73
379	Assessing SARS-CoV-2 RNA levels and lymphocyte/T cell counts in COVID-19 patients revealed initial immune status as a major determinant of disease severity. <i>Medical Microbiology and Immunology</i> , 2020, 209, 657-668.	2.6	16
380	No intrauterine vertical transmission in pregnancy with COVID-19: A case report. <i>Journal of Infection and Chemotherapy</i> , 2020, 26, 1313-1315.	0.8	11
381	Within-Host Diversity of SARS-CoV-2 in COVID-19 Patients With Variable Disease Severities. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 575613.	1.8	67
382	Viral Emerging Diseases: Challenges in Developing Vaccination Strategies. <i>Frontiers in Immunology</i> , 2020, 11, 2130.	2.2	77
383	Human animal interface of SARS-CoV-2 (COVID-19) transmission: a critical appraisal of scientific evidence. <i>Veterinary Research Communications</i> , 2020, 44, 119-130.	0.6	53

#	ARTICLE	IF	CITATIONS
384	COVID-19 Policy-Making in a Country Divided: Catholic Social Teaching as a Path to Unity. <i>Linacre quarterly, The</i> , 2020, 87, 407-424.	0.1	2
385	Minimising aerosol spread during endoscopic sinus and skull base surgery. Experimental model evaluation of the efficacy of the microscope drape method. <i>Journal of Laryngology and Otology</i> , 2020, 134, 804-810.	0.4	4
386	Analysis of ACE2 genetic variants in 131 Italian SARS-CoV-2-positive patients. <i>Human Genomics</i> , 2020, 14, 29.	1.4	60
387	Genetic variants of the human host influencing the coronavirus-associated phenotypes (SARS, MERS) Tj ETQq1 1 0.784314 rgBT /Ove	1.4	74
388	<scp>SARSâ€CoV</scp>â€2 multifaceted interaction with the human host. Part <scp>II</scp>: Innate immunity response, immunopathology, and epigenetics. <i>IUBMB Life</i> , 2020, 72, 2331-2354.	1.5	29
389	Type I Interferon Susceptibility Distinguishes SARS-CoV-2 from SARS-CoV. <i>Journal of Virology</i> , 2020, 94,	1.5	303
390	Characterization of codon usage pattern in SARS-CoV-2. <i>Virology Journal</i> , 2020, 17, 138.	1.4	30
391	Isolation and characterization of severe acute respiratory syndrome coronavirus 2 in Turkey. <i>PLoS ONE</i> , 2020, 15, e0238614.	1.1	16
392	Intravenous methylprednisolone pulse as a treatment for hospitalised severe COVID-19 patients: results from a randomised controlled clinical trial. <i>European Respiratory Journal</i> , 2020, 56, 2002808.	3.1	278
393	Hijacking SARS-CoV-2/ACE2 Receptor Interaction by Natural and Semi-synthetic Steroidal Agents Acting on Functional Pockets on the Receptor Binding Domain. <i>Frontiers in Chemistry</i> , 2020, 8, 572885.	1.8	76
394	Ferritin Nanocageâ€Based Methyltransferase SETD6 for COVIDâ€19 Therapy. <i>Advanced Functional Materials</i> , 2020, 30, 2006110.	7.8	7
395	<scp>SARSâ€CoV</scp>â€2 multifaceted interaction with human host. Part I: What we have learnt and done so far, and the still unknown realities. <i>IUBMB Life</i> , 2020, 72, 2313-2330.	1.5	10
396	The Comparative Immunological Characteristics of SARS-CoV, MERS-CoV, and SARS-CoV-2 Coronavirus Infections. <i>Frontiers in Immunology</i> , 2020, 11, 2033.	2.2	69
397	Coronavirus: a shift in focus away from IFN response and towards other inflammatory targets. <i>Journal of Cell Communication and Signaling</i> , 2020, 14, 469-470.	1.8	6
398	Genomic Cues From Beta-Coronaviruses and Mammalian Hosts Sheds Light on Probable Origins and Infectivity of SARS-CoV-2 Causing COVID-19. <i>Frontiers in Genetics</i> , 2020, 11, 902.	1.1	5
399	Exploring the coronavirus pandemic with the WashU Virus Genome Browser. <i>Nature Genetics</i> , 2020, 52, 986-991.	9.4	13
400	Virtual screening of approved clinic drugs with main protease (3CL ^{pro}) reveals potential inhibitory effects on SARS-CoV-2. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 685-695.	2.0	26
401	SARS-CoV-2 spike produced in insect cells elicits high neutralization titres in non-human primates. <i>Emerging Microbes and Infections</i> , 2020, 9, 2076-2090.	3.0	53

#	ARTICLE	IF	CITATIONS
402	Sustained Responses of Neutralizing Antibodies Against Middle East Respiratory Syndrome Coronavirus (MERS-CoV) in Recovered Patients and Their Therapeutic Applicability. <i>Clinical Infectious Diseases</i> , 2021, 73, e550-e558.	2.9	14
403	In vitro virucidal activity of Echinaforce [®] , an Echinacea purpurea preparation, against coronaviruses, including common cold coronavirus 229E and SARS-CoV-2. <i>Virology Journal</i> , 2020, 17, 136.	1.4	61
404	Genetic and pathogenic characterization of SARS-CoV-2: a review. <i>Future Virology</i> , 2020, 15, 533-549.	0.9	13
405	The New Coronavirus (SARS-CoV-2): A Comprehensive Review on Immunity and the Application of Bioinformatics and Molecular Modeling to the Discovery of Potential Anti-SARS-CoV-2 Agents. <i>Molecules</i> , 2020, 25, 4086.	1.7	9
406	Synthesis of exfoliated multilayer graphene and its putative interactions with SARS-CoV-2 virus investigated through computational studies. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 712-721.	2.0	17
407	Covid-19: Perspectives on Innate Immune Evasion. <i>Frontiers in Immunology</i> , 2020, 11, 580641.	2.2	113
408	Dendritic Cells and SARS-CoV-2 Infection: Still an Unclarified Connection. <i>Cells</i> , 2020, 9, 2046.	1.8	46
409	Cyclosporine: an old weapon in the fight against Coronaviruses. <i>European Respiratory Journal</i> , 2020, 56, 2002484.	3.1	15
410	Clinical Characteristics and Risk Factors of Cardiac Involvement in COVID-19. <i>Journal of the American Heart Association</i> , 2020, 9, e016807.	1.6	42
411	COVID-19 Associated Coagulopathy and Thrombotic Complications. <i>Clinical and Applied Thrombosis/Hemostasis</i> , 2020, 26, 107602962094813.	0.7	20
412	Exploring the SARS-CoV-2 structural proteins for multi-epitope vaccine development: an <i>in-silico</i> approach. <i>Expert Review of Vaccines</i> , 2020, 19, 887-898.	2.0	19
413	Efficacy of various treatment modalities for nCoV-2019: A systematic review and meta-analysis. <i>European Journal of Clinical Investigation</i> , 2020, 50, e13383.	1.7	18
414	Renin-angiotensin system inhibitors and the severity of coronavirus disease 2019 in Kanagawa, Japan: a retrospective cohort study. <i>Hypertension Research</i> , 2020, 43, 1257-1266.	1.5	43
415	Accurate serology for SARS-CoV-2 and common human coronaviruses using a multiplex approach. <i>Emerging Microbes and Infections</i> , 2020, 9, 1965-1973.	3.0	45
416	Middle East Respiratory Syndrome – What Every Otolaryngologist Should Know: A Review. <i>International Journal of General Medicine</i> , 2020, Volume 13, 483-489.	0.8	1
417	New Anti SARS-Cov-2 Targets for Quinoline Derivatives Chloroquine and Hydroxychloroquine. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5856.	1.8	25
418	Deciphering SARS-CoV-2 Virologic and Immunologic Features. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5932.	1.8	28
419	Antiviral Potential of Nanoparticles – Can Nanoparticles Fight Against Coronaviruses?. <i>Nanomaterials</i> , 2020, 10, 1645.	1.9	162

#	ARTICLE	IF	CITATIONS
420	Potential Therapeutic Role of Purinergic Receptors in Cardiovascular Disease Mediated by SARS-CoV-2. <i>Journal of Immunology Research</i> , 2020, 2020, 1-14.	0.9	20
421	A systematic review and meta-analysis on chloroquine and hydroxychloroquine as monotherapy or combined with azithromycin in COVID-19 treatment. <i>Scientific Reports</i> , 2020, 10, 22139.	1.6	78
422	Pathology of Coronavirus Infections: A Review of Lesions in Animals in the One-Health Perspective. <i>Animals</i> , 2020, 10, 2377.	1.0	25
424	Mobile Application for Registration and Diagnosis of Respiratory Diseases: a Review of the Scientific Literature between 2010 and 2020. , 2020, , .		0
425	COVID-19â€œInduced Modifications in the Tumor Microenvironment: Do They Affect Cancer Reawakening and Metastatic Relapse?. <i>Frontiers in Oncology</i> , 2020, 10, 592891.	1.3	22
426	NYU-EDA in modelling the effect of COVID-19 on patient volumes in a Finnish emergency department. <i>BMC Emergency Medicine</i> , 2020, 20, 97.	0.7	15
427	Cathepsin L in COVID-19: From Pharmacological Evidences to Genetics. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 589505.	1.8	101
428	Identification of Potential Inhibitors of 3CL Protease of SARS-CoV-2 From ZINC Database by Molecular Docking-Based Virtual Screening. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 603037.	1.6	29
429	Genomic Epidemiology of the First Wave of SARS-CoV-2 in Italy. <i>Viruses</i> , 2020, 12, 1438.	1.5	39
430	Arterial Hypertension as a Risk Comorbidity Associated with COVID-19 Pathology. <i>International Journal of Hypertension</i> , 2020, 2020, 1-7.	0.5	33
431	The Relevance of Complementary and Integrative Medicine in the COVID-19 Pandemic: A Qualitative Review of the Literature. <i>Frontiers in Medicine</i> , 2020, 7, 587749.	1.2	36
432	Pandemic number five â€œ Latest insights into the COVID-19 crisis. <i>Biomedical Journal</i> , 2020, 43, 305-310.	1.4	5
433	Evaluation of SARS-CoV-2 prototype serologic test in hospitalized patients. <i>Clinical Biochemistry</i> , 2020, 86, 8-14.	0.8	9
434	Liver transplant immunosuppression during the COVID-19 pandemic. <i>GastroenterologÃa Y HepatologÃa (English Edition)</i> , 2020, 43, 457-463.	0.0	3
435	Prior presumed coronavirus infection reduces COVID-19 risk: A cohort study. <i>Journal of Infection</i> , 2020, 81, 923-930.	1.7	39
436	Testing and surveillance strategies in the context of COVID-19 in India. <i>Indian Chemical Engineer</i> , 2020, 62, 343-350.	0.9	2
437	The immunology of SARS-CoV-2 infection, the potential antibody based treatments and vaccination strategies. <i>Expert Review of Anti-Infective Therapy</i> , 2020, 19, 1-12.	2.0	10
438	Psychological Distress among Adults in Home Confinement in the Midst of COVID-19 Outbreak. <i>European Journal of Dentistry</i> , 2020, 14, S27-S33.	0.8	15

#	ARTICLE	IF	CITATIONS
439	Role of SARS-CoV-2 in Altering the RNA-Binding Protein and miRNA-Directed Post-Transcriptional Regulatory Networks in Humans. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7090.	1.8	28
440	COVID-19 Pandemic: Epidemiology, Etiology, Conventional and Non-Conventional Therapies. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 8155.	1.2	63
441	Integrative Transcriptome Analyses Empower the Anti-COVID-19 Drug Arsenal. <i>IScience</i> , 2020, 23, 101697.	1.9	14
442	Coevolution, Dynamics and Allostery Conspire in Shaping Cooperative Binding and Signal Transmission of the SARS-CoV-2 Spike Protein with Human Angiotensin-Converting Enzyme 2. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8268.	1.8	37
443	COVID-19: Targeting Proteases in Viral Invasion and Host Immune Response. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 215.	1.6	42
444	Recent advances in vaccine and immunotherapy for COVID-19. <i>Human Vaccines and Immunotherapeutics</i> , 2020, 16, 3011-3022.	1.4	34
445	Elevated Exhaustion Levels of NK and CD8+ T Cells as Indicators for Progression and Prognosis of COVID-19 Disease. <i>Frontiers in Immunology</i> , 2020, 11, 580237.	2.2	96
446	Genetic Co-Administration of Soluble PD-1 Ectodomains Modifies Immune Responses against Influenza A Virus Induced by DNA Vaccination. <i>Vaccines</i> , 2020, 8, 570.	2.1	5
447	Neurological manifestations and comorbidity associated with COVID-19: an overview. <i>Neurological Sciences</i> , 2020, 41, 3409-3418.	0.9	16
449	Replicase 1a gene plays a critical role in pathogenesis of avian coronavirus infectious bronchitis virus. <i>Virology</i> , 2020, 550, 1-7.	1.1	4
450	COVID-19 and Parkinson's Disease: Shared Inflammatory Pathways Under Oxidative Stress. <i>Brain Sciences</i> , 2020, 10, 807.	1.1	25
451	Mortality prediction model for the triage of COVID-19, pneumonia, and mechanically ventilated ICU patients: A retrospective study. <i>Annals of Medicine and Surgery</i> , 2020, 59, 207-216.	0.5	55
452	A rational roadmap for SARS-CoV-2/COVID-19 pharmacotherapeutic research and development: IUPHAR Review 29. <i>British Journal of Pharmacology</i> , 2020, 177, 4942-4966.	2.7	61
453	A single dose of ChAdOx1 MERS provides protective immunity in rhesus macaques. <i>Science Advances</i> , 2020, 6, eaba8399.	4.7	89
454	Using IL-2R/lymphocytes for predicting the clinical progression of patients with COVID-19. <i>Clinical and Experimental Immunology</i> , 2020, 201, 76-84.	1.1	118
455	New Insights of Emerging SARS-CoV-2: Epidemiology, Etiology, Clinical Features, Clinical Treatment, and Prevention. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 410.	1.8	96
456	The management of coronavirus disease 2019 (COVID-19). <i>Journal of Medical Virology</i> , 2020, 92, 1484-1490.	2.5	75
457	Heightened Innate Immune Responses in the Respiratory Tract of COVID-19 Patients. <i>Cell Host and Microbe</i> , 2020, 27, 883-890.e2.	5.1	811

#	ARTICLE	IF	CITATIONS
458	A Trial of Lopinavirâ€“Ritonavir in Covid-19. <i>New England Journal of Medicine</i> , 2020, 382, e68.	13.9	224
459	Mesenchymal stem cells-bridge catalyst between innate and adaptive immunity in COVID 19. <i>Medical Hypotheses</i> , 2020, 143, 109845.	0.8	23
460	COVID-19 in a Hispanic Woman. <i>Archives of Pathology and Laboratory Medicine</i> , 2020, 144, 1041-1047.	1.2	53
461	Current scenario of COVID-19 in pediatric age group and physiology of immune and thymus response. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 2567-2573.	1.8	43
462	Cadaveric Simulation of Endoscopic Endonasal Procedures: Analysis of Droplet Splatter Patterns During the COVIDâ€“19â€“Pandemic. <i>Otolaryngology - Head and Neck Surgery</i> , 2020, 163, 145-150.	1.1	42
463	Recent Insight into SARS-CoV2 Immunopathology and Rationale for Potential Treatment and Preventive Strategies in COVID-19. <i>Vaccines</i> , 2020, 8, 224.	2.1	47
464	COVID-19-associated cardiovascular morbidity in older adults: a position paper from the Italian Society of Cardiovascular Researches. <i>GeroScience</i> , 2020, 42, 1021-1049.	2.1	115
465	SARS, MERS and SARS-CoV-2 (COVID-19) treatment: a patent review. <i>Expert Opinion on Therapeutic Patents</i> , 2020, 30, 567-579.	2.4	54
466	COVID-19 pneumonia and pregnancy; a systematic review and meta-analysis. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2022, 35, 1652-1659.	0.7	71
467	Whole-genome sequence analysis and homology modelling of the main protease and non-structural protein 3 of SARS-CoV-2 reveal an aza-peptide and a lead inhibitor with possible antiviral properties. <i>New Journal of Chemistry</i> , 2020, 44, 9202-9212.	1.4	13
468	Knowledgeâ€“based structural models of SARSâ€“CoVâ€“2 proteins and their complexes with potential drugs. <i>FEBS Letters</i> , 2020, 594, 1960-1973.	1.3	21
469	A Precision Medicine Approach to SARS-CoV-2 Pandemic Management. <i>Current Treatment Options in Allergy</i> , 2020, 7, 422-440.	0.9	25
470	COVID-19: Unanswered questions on immune response and pathogenesis. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 146, 18-22.	1.5	103
471	Biological behavior of oral squamous cell carcinoma in the background of novel corona virus infection. <i>Oral Oncology</i> , 2020, 110, 104781.	0.8	11
472	SARS-CoV-2 RNA polymerase as target for antiviral therapy. <i>Journal of Translational Medicine</i> , 2020, 18, 185.	1.8	64
473	Lessons Learned to Date on COVID-19 Hyperinflammatory Syndrome: Considerations for Interventions to Mitigate SARS-CoV-2 Viral Infection and Detrimental Hyperinflammation. <i>Frontiers in Immunology</i> , 2020, 11, 1131.	2.2	43
474	Autopsias en casos sospechosos de SARS-CoV-2. <i>Revista Espanola De Medicina Legal</i> , 2020, 46, 93-100.	0.3	1
475	Animal models for emerging coronavirus: progress and new insights. <i>Emerging Microbes and Infections</i> , 2020, 9, 949-961.	3.0	50

#	ARTICLE	IF	CITATIONS
476	COVID-19 and comorbidities: A role for dipeptidyl peptidase 4 (<scp>DPP4</scp>) in disease severity?. Journal of Diabetes, 2020, 12, 649-658.	0.8	124
477	Hypertension, Thrombosis, Kidney Failure, and Diabetes: Is COVID-19 an Endothelial Disease? A Comprehensive Evaluation of Clinical and Basic Evidence. Journal of Clinical Medicine, 2020, 9, 1417.	1.0	411
478	Aluminum Nanoparticles Acting as a Pulmonary Vaccine Adjuvant-Delivery System (VADS) Able to Safely Elicit Robust Systemic and Mucosal Immunity. Journal of Inorganic and Organometallic Polymers and Materials, 2020, 30, 4203-4217.	1.9	17
479	Global efforts on vaccines for COVID-19: Since, sooner or later, we all will catch the coronavirus. Journal of Biosciences, 2020, 45, 1.	0.5	39
480	Hot Topic Commentary on COVID-19. Current Pharmacology Reports, 2020, 6, 53-55.	1.5	3
481	An Update on Current Therapeutic Drugs Treating COVID-19. Current Pharmacology Reports, 2020, 6, 56-70.	1.5	438
482	Advances in the relationship between coronavirus infection and cardiovascular diseases. Biomedicine and Pharmacotherapy, 2020, 127, 110230.	2.5	60
483	Identification of bioactive molecules from tea plant as SARS-CoV-2 main protease inhibitors. Journal of Biomolecular Structure and Dynamics, 2021, 39, 3449-3458.	2.0	216
484	Impact of COVID-19 pandemic on SLE: beyond the risk of infection. Lupus Science and Medicine, 2020, 7, e000408.	1.1	22
485	An overview of COVID-19. Journal of Zhejiang University: Science B, 2020, 21, 343-360.	1.3	318
486	The antiviral and coronavirus-host protein pathways inhibiting properties of herbs and natural compounds - Additional weapons in the fight against the COVID-19 pandemic?. Journal of Traditional and Complementary Medicine, 2020, 10, 405-419.	1.5	85
487	A Collaborative Multidisciplinary Approach to the Management of Coronavirus Disease 2019 in the Hospital Setting. Mayo Clinic Proceedings, 2020, 95, 1467-1481.	1.4	21
488	Coronaviridaeâ€”Old friends, new enemy!. Oral Diseases, 2022, 28, 858-866.	1.5	24
489	Medical Students and COVID-19: Knowledge, Attitudes, and Precautionary Measures. A Descriptive Study From Jordan. Frontiers in Public Health, 2020, 8, 253.	1.3	238
490	The novel coronavirus 2019-nCoV: Its evolution and transmission into humans causing global COVID-19 pandemic. International Journal of Environmental Science and Technology, 2020, 17, 4381-4388.	1.8	23
491	Novel corona virus disease (COVID-19) awareness among the dental interns, dental auxiliaries and dental specialists in Saudi Arabia: A nationwide study. Journal of Infection and Public Health, 2020, 13, 856-864.	1.9	51
492	Early SNS-Based Monitoring System for the COVID-19 Outbreak in Japan: A Population-Level Observational Study. Journal of Epidemiology, 2020, 30, 362-370.	1.1	35
493	Oral submucous fibrosis and COVID-19: Perspective on comorbidity. Oral Oncology, 2020, 107, 104811.	0.8	6

#	ARTICLE	IF	CITATIONS
494	SARS-CoV-2: A comprehensive review from pathogenicity of the virus to clinical consequences. Journal of Medical Virology, 2020, 92, 1864-1874.	2.5	93
495	Sanitizing agents for virus inactivation and disinfection. View, 2020, 1, e16.	2.7	158
496	From the Common Cold to a Chaotic Contagion: the Potential for Coronaviruses To Cause Outbreaks of Severe Respiratory Disease Representing a Global Health Threat. Clinical Microbiology Newsletter, 2020, 42, 95-103.	0.4	1
497	SARS-CoV-2, More than a Respiratory Virus: Its Potential Role in Neuropathogenesis. ACS Chemical Neuroscience, 2020, 11, 1887-1899.	1.7	41
498	Structure of Mpro from SARS-CoV-2 and discovery of its inhibitors. Nature, 2020, 582, 289-293.	13.7	3,133
499	Dynamics of peripheral immune cells and their HLA-C and receptor expressions in a patient suffering from critical COVID-19 pneumonia to convalescence. Clinical and Translational Immunology, 2020, 9, e1128.	1.7	31
500	The Challenges of Vaccine Development against a New Virus during a Pandemic. Cell Host and Microbe, 2020, 27, 699-703.	5.1	88
501	Gut microbiota and Covid-19- possible link and implications. Virus Research, 2020, 285, 198018.	1.1	452
502	Targeting the Dimerization of the Main Protease of Coronaviruses: A Potential Broad-Spectrum Therapeutic Strategy. ACS Combinatorial Science, 2020, 22, 297-305.	3.8	242
503	COVID-19: Focus on the lungs but do not forget the gastrointestinal tract. European Journal of Clinical Investigation, 2020, 50, e13276.	1.7	45
504	Pathophysiology of COVID-19: Why Children Fare Better than Adults?. Indian Journal of Pediatrics, 2020, 87, 537-546.	0.3	237
505	Imbalanced Host Response to SARS-CoV-2 Drives Development of COVID-19. Cell, 2020, 181, 1036-1045.e9.	13.5	3,572
506	Marine natural compounds as potents inhibitors against the main protease of SARS-CoV-2—a molecular dynamic study. Journal of Biomolecular Structure and Dynamics, 2021, 39, 3627-3637.	2.0	98
507	The Predictive Capacity of Air Travel Patterns during the Global Spread of the COVID-19 Pandemic: Risk, Uncertainty and Randomness. International Journal of Environmental Research and Public Health, 2020, 17, 3356.	1.2	68
508	Immunology of COVID-19: Current State of the Science. Immunity, 2020, 52, 910-941.	6.6	1,387
509	Optimizing screening strategies for coronavirus disease 2019: A study from Middle China. Journal of Infection and Public Health, 2020, 13, 868-872.	1.9	10
510	Clinical, molecular, and epidemiological characterization of the SARS-CoV-2 virus and the Coronavirus Disease 2019 (COVID-19), a comprehensive literature review. Diagnostic Microbiology and Infectious Disease, 2020, 98, 115094.	0.8	293
511	Cell-based therapies for coronavirus disease 2019: proper clinical investigations are essential. Cytotherapy, 2020, 22, 602-605.	0.3	35

#	ARTICLE	IF	CITATIONS
513	Nature as a treasure trove of potential anti-SARS-CoV drug leads: a structural/mechanistic rationale. RSC Advances, 2020, 10, 19790-19802.	1.7	71
514	Clinical recommendations on lung cancer management during the COVID-19 pandemic. Thoracic Cancer, 2020, 11, 2067-2074.	0.8	13
515	Estimation of the serial interval and basic reproduction number of COVID-19 in Qom, Iran, and three other countries: A data-driven analysis in the early phase of the outbreak. Transboundary and Emerging Diseases, 2020, 67, 2860-2868.	1.3	38
516	Increased sFLT-1/PlGF ratio in COVID-19: A novel link to angiotensin II-mediated endothelial dysfunction. American Journal of Hematology, 2020, 95, E188-E191.	2.0	51
517	Selective Naked-Eye Detection of SARS-CoV-2 Mediated by N Gene Targeted Antisense Oligonucleotide Capped Plasmonic Nanoparticles. ACS Nano, 2020, 14, 7617-7627.	7.3	609
518	Features of enteric disease from human coronaviruses: Implications for COVID-19. Journal of Medical Virology, 2020, 92, 1834-1844.	2.5	28
519	SARS-CoV-2 in the context of past coronaviruses epidemics: Consideration for prenatal care. Prenatal Diagnosis, 2020, 40, 1641-1654.	1.1	22
520	The unleashing of the immune system in COVID-19 and sepsis: the calm before the storm?. Inflammation Research, 2020, 69, 757-763.	1.6	25
521	Interaction of the prototypical Î±-ketoamide inhibitor with the SARS-CoV-2 main protease active site in silico: Molecular dynamic simulations highlight the stability of the ligand-protein complex. Computational Biology and Chemistry, 2020, 87, 107292.	1.1	64
522	In silico design of antiviral peptides targeting the spike protein of SARS-CoV-2. Peptides, 2020, 130, 170328.	1.2	84
523	Is the Rigidity of SARS-CoV-2 Spike Receptor-Binding Motif the Hallmark for Its Enhanced Infectivity? Insights from All-Atom Simulations. Journal of Physical Chemistry Letters, 2020, 11, 4785-4790.	2.1	147
524	Immune response in COVID-19: addressing a pharmacological challenge by targeting pathways triggered by SARS-CoV-2. Signal Transduction and Targeted Therapy, 2020, 5, 84.	7.1	486
525	NOVEL CORONAVIRUS (2019-nCoV): DISEASE BRIEFINGS. Asian Journal of Pharmaceutical and Clinical Research, 0, , 22-27.	0.3	2
526	Potential drugs for the treatment of the novel coronavirus pneumonia (COVID-19) in China. Virus Research, 2020, 286, 198057.	1.1	57
527	Computational Determination of Potential Inhibitors of SARS-CoV-2 Main Protease. Journal of Chemical Information and Modeling, 2020, 60, 5771-5780.	2.5	118
528	Proinflammatory Cytokines in the Olfactory Mucosa Result in COVID-19 Induced Anosmia. ACS Chemical Neuroscience, 2020, 11, 1909-1913.	1.7	136
529	Overview of lethal human coronaviruses. Signal Transduction and Targeted Therapy, 2020, 5, 89.	7.1	218
530	Children Hospitalized With Severe COVID-19 in Wuhan. Pediatric Infectious Disease Journal, 2020, 39, e91-e94.	1.1	56

#	ARTICLE	IF	CITATIONS
531	Neurobiology of COVID-19. Journal of Alzheimer's Disease, 2020, 76, 3-19.	1.2	321
532	Covid-19: a comprehensive review of a formidable foe and the road ahead. Expert Review of Respiratory Medicine, 2020, 14, 869-879.	1.0	15
533	Comparative Pathogenesis of Bovine and Porcine Respiratory Coronaviruses in the Animal Host Species and SARS-CoV-2 in Humans. Journal of Clinical Microbiology, 2020, 58, .	1.8	57
534	Screening and druggability analysis of some plant metabolites against SARS-CoV-2: An integrative computational approach. Informatics in Medicine Unlocked, 2020, 20, 100367.	1.9	46
535	The neurological insights of the emerging coronaviruses. Journal of Clinical Neuroscience, 2020, 78, 1-7.	0.8	5
536	Potential inhibitors of the interaction between ACE2 and SARS-CoV-2 (RBD), to develop a drug. Life Sciences, 2020, 256, 117970.	2.0	45
537	Clinical characteristics of 16 patients with COVID-19 infection outside of Wuhan, China: a retrospective, single-center study. Annals of Translational Medicine, 2020, 8, 642-642.	0.7	5
538	Nanotechnology for COVID-19: Therapeutics and Vaccine Research. ACS Nano, 2020, 14, 7760-7782.	7.3	289
539	<i>In silico</i> identification of potential inhibitors from <i>Cinnamon</i> against main protease and spike glycoprotein of SARS CoV-2. Journal of Biomolecular Structure and Dynamics, 2021, 39, 4618-4632.	2.0	108
540	nCOVID-19 Pandemic: From Molecular Pathogenesis to Potential Investigational Therapeutics. Frontiers in Cell and Developmental Biology, 2020, 8, 616.	1.8	56
541	Tackling SARS-CoV-2: proposed targets and repurposed drugs. Future Medicinal Chemistry, 2020, 12, 1579-1601.	1.1	46
542	Diagnostic impact of bedside chest X-ray features of 2019 novel coronavirus in the routine admission at the emergency department: case series from Lombardy region. European Journal of Radiology, 2020, 129, 109092.	1.2	31
543	Predictive factors of severe coronavirus disease 2019 in previously healthy young adults: a single-center, retrospective study. Respiratory Research, 2020, 21, 157.	1.4	36
544	Structures of Human Antibodies Bound to SARS-CoV-2 Spike Reveal Common Epitopes and Recurrent Features of Antibodies. Cell, 2020, 182, 828-842.e16.	13.5	724
545	Comorbid Chronic Diseases are Strongly Correlated with Disease Severity among COVID-19 Patients: A Systematic Review and Meta-Analysis. , 2020, 11, 668.		198
546	Broad-Spectrum Coronavirus Fusion Inhibitors to Combat COVID-19 and Other Emerging Coronavirus Diseases. International Journal of Molecular Sciences, 2020, 21, 3843.	1.8	37
547	COVID-19: Lessons to be learnt from a once-in-a-century global pandemic. Journal of Clinical Nursing, 2020, 29, 3901-3904.	1.4	22
548	COVID-19 and social distancing. Zeitschrift Fur Gesundheitswissenschaften, 2022, 30, 259-261.	0.8	185

#	ARTICLE	IF	CITATIONS
549	Relationship between pregnancy and coronavirus: what we know. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2022, 35, 1997-2008.	0.7	27
550	A promising antiviral candidate drug for the COVID-19 pandemic: A mini-review of remdesivir. <i>European Journal of Medicinal Chemistry</i> , 2020, 201, 112527.	2.6	85
551	Inmunosupresión en el trasplante hepático en la era covid-19. <i>Gastroenterología Y Hepatología</i> , 2020, 43, 457-463.	0.2	17
552	Immune checkpoint blockade: releasing the breaks or a protective barrier to COVID-19 severe acute respiratory syndrome?. <i>British Journal of Cancer</i> , 2020, 123, 691-693.	2.9	15
553	Why do SARS-COV vaccines not exist? The pharma scientific intelligence and business model must be revisited!. <i>Expert Opinion on Drug Discovery</i> , 2020, 15, 1233-1235.	2.5	5
554	COVID-19. <i>European Journal of Emergency Medicine</i> , 2020, 27, 158-160.	0.5	2
555	Transmission and clinical characteristics of asymptomatic patients with SARS-CoV-2 infection. <i>Future Virology</i> , 2020, 15, 373-380.	0.9	41
556	Coronavirus disease 2019 and cardiovascular system: A narrative review. <i>IJC Heart and Vasculature</i> , 2020, 29, 100557.	0.6	96
557	Laboratory diagnosis of SARS-CoV-2: available approaches and limitations. <i>New Microbes and New Infections</i> , 2020, 36, 100713.	0.8	45
558	Efficacy and safety of antibiotic agents in children with COVID-19: a rapid review. <i>Annals of Translational Medicine</i> , 2020, 8, 619-619.	0.7	18
559	Can complementary and alternative medicines be beneficial in the treatment of COVID-19 through improving immune system function?. <i>Journal of Infection and Public Health</i> , 2020, 13, 893-896.	1.9	39
560	Overview of therapeutic drug research for COVID-19 in China. <i>Acta Pharmacologica Sinica</i> , 2020, 41, 1133-1140.	2.8	38
561	Novel insights on the pulmonary vascular consequences of COVID-19. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020, 319, L277-L288.	1.3	125
563	COVID-19: from epidemiology to treatment. <i>European Heart Journal</i> , 2020, 41, 2092-2112.	1.0	67
564	The potential of drug repositioning as a short-term strategy for the control and treatment of COVID-19 (SARS-CoV-2): a systematic review. <i>Archives of Virology</i> , 2020, 165, 1729-1737.	0.9	32
565	Expansion of myeloid-derived suppressor cells in patients with severe coronavirus disease (COVID-19). <i>Cell Death and Differentiation</i> , 2020, 27, 3196-3207.	5.0	196
566	A Public Health Laboratory Response to the Pandemic. <i>Journal of Clinical Microbiology</i> , 2020, 58, .	1.8	22
567	The continued epidemic threat of SARS-CoV-2 and implications for the future of global public health. <i>Current Opinion in Virology</i> , 2020, 40, 37-40.	2.6	17

#	ARTICLE	IF	CITATIONS
568	Genomic analysis and comparative multiple sequences of SARS-CoV2. Journal of the Chinese Medical Association, 2020, 83, 537-543.	0.6	40
569	COVID-19: viral-host interactome analyzed by network based-approach model to study pathogenesis of SARS-CoV-2 infection. Journal of Translational Medicine, 2020, 18, 233.	1.8	80
570	Cytokine storm and leukocyte changes in mild versus severe SARS-CoV-2 infection: Review of 3939 COVID-19 patients in China and emerging pathogenesis and therapy concepts. Journal of Leukocyte Biology, 2020, 108, 17-41.	1.5	573
571	Cytokine storm induced by SARS-CoV-2. Clinica Chimica Acta, 2020, 509, 280-287.	0.5	405
572	Synthesis of adenine dinucleosides SAM analogs as specific inhibitors of SARS-CoV nsp14 RNA cap guanine-N7-methyltransferase. European Journal of Medicinal Chemistry, 2020, 201, 112557.	2.6	56
573	Clinical characteristics of Coronavirus Disease 2019 patients in Beijing, China. PLoS ONE, 2020, 15, e0234764.	1.1	55
574	Dual function of sialic acid in gastrointestinal SARS-CoV-2 infection. Environmental Toxicology and Pharmacology, 2020, 79, 103436.	2.0	20
575	A Sequence Homology and Bioinformatic Approach Can Predict Candidate Targets for Immune Responses to SARS-CoV-2. Cell Host and Microbe, 2020, 27, 671-680.e2.	5.1	893
576	Diagnostic utility of clinical laboratory data determinations for patients with the severe COVID-19. Journal of Medical Virology, 2020, 92, 791-796.	2.5	773
577	Network-based drug repurposing for novel coronavirus 2019-nCoV/SARS-CoV-2. Cell Discovery, 2020, 6, 14.	3.1	1,258
578	Coronaviruses and the cardiovascular system: acute and long-term implications. European Heart Journal, 2020, 41, 1798-1800.	1.0	581
579	Early estimation of the case fatality rate of COVID-19 in mainland China: a data-driven analysis. Annals of Translational Medicine, 2020, 8, 128-128.	0.7	135
580	Clinical features of severe pediatric patients with coronavirus disease 2019 in Wuhan: a single center's observational study. World Journal of Pediatrics, 2020, 16, 251-259.	0.8	454
581	The clinical characteristics of pneumonia patients coinfecting with 2019 novel coronavirus and influenza virus in Wuhan, China. Journal of Medical Virology, 2020, 92, 1549-1555.	2.5	345
582	AI-Driven Tools for Coronavirus Outbreak: Need of Active Learning and Cross-Population Train/Test Models on Multitudinal/Multimodal Data. Journal of Medical Systems, 2020, 44, 93.	2.2	282
583	SARS-CoV-2: fear versus data. International Journal of Antimicrobial Agents, 2020, 55, 105947.	1.1	61
584	Identification of a novel coronavirus causing severe pneumonia in human: a descriptive study. Chinese Medical Journal, 2020, 133, 1015-1024.	0.9	928
585	Rapid Identification of Potential Inhibitors of SARS-CoV-2 Main Protease by Deep Docking of 1.3 Billion Compounds. Molecular Informatics, 2020, 39, e2000028.	1.4	398

#	ARTICLE	IF	CITATIONS
587	Epidemiological characteristics and transmission model of Corona Virus Disease 2019 in China. <i>Journal of Infection</i> , 2020, 80, e25-e27.	1.7	34
588	Clinical, laboratory and imaging features of COVID-19: A systematic review and meta-analysis. <i>Travel Medicine and Infectious Disease</i> , 2020, 34, 101623.	1.5	1,781
589	2019 novel coronavirus (2019-nCoV) outbreak: A new challenge. <i>Journal of Global Antimicrobial Resistance</i> , 2020, 21, 22-27.	0.9	232
590	SARS-CoV-2: an Emerging Coronavirus that Causes a Global Threat. <i>International Journal of Biological Sciences</i> , 2020, 16, 1678-1685.	2.6	751
591	COVID-19: what has been learned and to be learned about the novel coronavirus disease. <i>International Journal of Biological Sciences</i> , 2020, 16, 1753-1766.	2.6	579
592	COVID-19: Knowns, Unknowns, and Questions. <i>MSphere</i> , 2020, 5, .	1.3	124
593	Anesthetic Management of Patients Undergoing Aortic Dissection Repair With Suspected Severe Acute Respiratory Syndrome COVID-19 Infection. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2020, 34, 1402-1405.	0.6	35
594	Clinical and virological data of the first cases of COVID-19 in Europe: a case series. <i>Lancet Infectious Diseases</i> , The, 2020, 20, 697-706.	4.6	953
595	The many estimates of the COVID-19 case fatality rate. <i>Lancet Infectious Diseases</i> , The, 2020, 20, 776-777.	4.6	398
596	Structural Genomics of SARS-CoV-2 Indicates Evolutionary Conserved Functional Regions of Viral Proteins. <i>Viruses</i> , 2020, 12, 360.	1.5	206
597	Transcriptomic characteristics of bronchoalveolar lavage fluid and peripheral blood mononuclear cells in COVID-19 patients. <i>Emerging Microbes and Infections</i> , 2020, 9, 761-770.	3.0	994
598	The Current and Future State of Vaccines, Antivirals and Gene Therapies Against Emerging Coronaviruses. <i>Frontiers in Microbiology</i> , 2020, 11, 658.	1.5	86
599	Mechano-genomic regulation of coronaviruses and its interplay with ageing. <i>Nature Reviews Molecular Cell Biology</i> , 2020, 21, 247-248.	16.1	24
600	Coronavirus disease 2019 (COVID-19): a clinical update. <i>Frontiers of Medicine</i> , 2020, 14, 126-135.	1.5	309
601	COVID-19 pandemic, coronaviruses, and diabetes mellitus. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2020, 318, E736-E741.	1.8	596
602	The origin, transmission and clinical therapies on coronavirus disease 2019 (COVID-19) outbreak " an update on the status. <i>Military Medical Research</i> , 2020, 7, 11.	1.9	2,937
603	Composition of human-specific slow codons and slow di-codons in SARS-CoV and 2019-nCoV are lower than other coronaviruses suggesting a faster protein synthesis rate of SARS-CoV and 2019-nCoV. <i>Journal of Microbiology, Immunology and Infection</i> , 2020, 53, 419-424.	1.5	8
604	COVID-19: Perspectives on the Potential Novel Global Threat. <i>Reviews on Recent Clinical Trials</i> , 2020, 15, 84-86.	0.4	24

#	ARTICLE	IF	CITATIONS
605	Potential Rapid Diagnostics, Vaccine and Therapeutics for 2019 Novel Coronavirus (2019-nCoV): A Systematic Review. <i>Journal of Clinical Medicine</i> , 2020, 9, 623.	1.0	381
606	Review of the Clinical Characteristics of Coronavirus Disease 2019 (COVID-19). <i>Journal of General Internal Medicine</i> , 2020, 35, 1545-1549.	1.3	963
607	Unique epidemiological and clinical features of the emerging 2019 novel coronavirus pneumonia (COVID-19) implicate special control measures. <i>Journal of Medical Virology</i> , 2020, 92, 568-576.	2.5	1,135
608	Angiotensin receptor blockers as tentative SARS-CoV-2 therapeutics. <i>Drug Development Research</i> , 2020, 81, 537-540.	1.4	636
609	SARS-CoV-2 Cell Entry Depends on ACE2 and TMPRSS2 and Is Blocked by a Clinically Proven Protease Inhibitor. <i>Cell</i> , 2020, 181, 271-280.e8.	13.5	16,161
610	Molecular immune pathogenesis and diagnosis of COVID-19. <i>Journal of Pharmaceutical Analysis</i> , 2020, 10, 102-108.	2.4	1,208
611	Interaction of certain monoterpenoid hydrocarbons with the receptor binding domain of 2019 novel coronavirus (2019-nCoV), transmembrane serine protease 2 (TMPRSS2), cathepsin B, and cathepsin L (CatB/L) and their pharmacokinetic properties. <i>Turkish Journal of Biology</i> , 2020, 44, 242-264.	2.1	18
612	Designing a novel mRNA vaccine against SARS-CoV-2: An immunoinformatics approach. <i>International Journal of Biological Macromolecules</i> , 2020, 162, 820-837.	3.6	67
613	The role of angiotensin-converting enzyme 2 in the pathogenesis of COVID-19: the villain or the hero?. <i>Acta Clinica Belgica</i> , 2020, , 1-8.	0.5	10
614	COVID-19 Coronavirus Vaccine Design Using Reverse Vaccinology and Machine Learning. <i>Frontiers in Immunology</i> , 2020, 11, 1581.	2.2	301
615	Covid-19: current knowledge, disease potential, prevention and clinical advances. <i>Turkish Journal of Biology</i> , 2020, 44, 121-131.	2.1	10
616	Angiotensin-converting enzyme 2: The old door for new severe acute respiratory syndrome coronavirus 2 infection. <i>Reviews in Medical Virology</i> , 2020, 30, e2122.	3.9	36
617	SARS-CoV-2 pathophysiology and assessment of coronaviruses in CNS diseases with a focus on therapeutic targets. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165889.	1.8	55
618	Epidemiological characteristics of the first 100 cases of coronavirus disease 2019 (COVID-19) in Hong Kong Special Administrative Region, China, a city with a stringent containment policy. <i>International Journal of Epidemiology</i> , 2020, 49, 1096-1105.	0.9	29
619	A detailed report on the measures taken in the Department of Conservative Dentistry and Periodontology in Munich at the beginning of the COVID-19 outbreak. <i>Clinical Oral Investigations</i> , 2020, 24, 2931-2941.	1.4	22
620	GSH-ZnS Nanoparticles Exhibit High-Efficiency and Broad-Spectrum Antiviral Activities via Multistep Inhibition Mechanisms. <i>ACS Applied Bio Materials</i> , 2020, 3, 4809-4819.	2.3	15
621	Pathological Role of Angiotensin II in Severe COVID-19. <i>TH Open</i> , 2020, 04, e138-e144.	0.7	87
622	The impact of COVID-19 on ischemic stroke. <i>Diagnostic Pathology</i> , 2020, 15, 78.	0.9	58

#	ARTICLE	IF	CITATIONS
623	Tracking Changes in SARS-CoV-2 Spike: Evidence that D614G Increases Infectivity of the COVID-19 Virus. <i>Cell</i> , 2020, 182, 812-827.e19.	13.5	3,551
624	Molecular mechanisms and epidemiology of COVID-19 from an allergist's perspective. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 146, 285-299.	1.5	46
625	Computed Tomography Features of Coronavirus Disease 2019 (COVID-19). <i>Journal of Thoracic Imaging</i> , 2020, 35, 211-218.	0.8	26
626	Risk Factor Analysis and Nomogram Construction for Non-Survivors among Critical Patients with COVID-19. <i>Japanese Journal of Infectious Diseases</i> , 2020, 73, 452-458.	0.5	7
627	Natural history of COVID-19 and current knowledge on treatment therapeutic options. <i>Biomedicine and Pharmacotherapy</i> , 2020, 129, 110493.	2.5	118
628	The Impact of SARS-Cov-2 Virus Infection on the Endocrine System. <i>Journal of the Endocrine Society</i> , 2020, 4, bvaa082.	0.1	56
629	Reckoning a fungal metabolite, Pyranonigrin A as a potential Main protease (Mpro) inhibitor of novel SARS-CoV-2 virus identified using docking and molecular dynamics simulation. <i>Biophysical Chemistry</i> , 2020, 264, 106425.	1.5	54
630	A Review on 2019 Novel Coronavirus Pneumonia in Ophthalmology. <i>Ocular Immunology and Inflammation</i> , 2020, 28, 909-915.	1.0	2
631	Vasculopathy and Coagulopathy Associated with SARS-CoV-2 Infection. <i>Cells</i> , 2020, 9, 1583.	1.8	65
632	Remdesivir Inhibits SARS-CoV-2 in Human Lung Cells and Chimeric SARS-CoV Expressing the SARS-CoV-2 RNA Polymerase in Mice. <i>Cell Reports</i> , 2020, 32, 107940.	2.9	412
633	Immunological and inflammatory profiles in mild and severe cases of COVID-19. <i>Nature Communications</i> , 2020, 11, 3410.	5.8	328
634	Good or bad: Application of RAAS inhibitors in COVID-19 patients with cardiovascular comorbidities. , 2020, 215, 107628.		41
635	Inhibition of Human Adenovirus Replication by the Importin α 1 Nuclear Import Inhibitor Ivermectin. <i>Journal of Virology</i> , 2020, 94, .	1.5	30
636	Computational insights into tetracyclines as inhibitors against SARS-CoV-2 Mpro via combinatorial molecular simulation calculations. <i>Life Sciences</i> , 2020, 257, 118080.	2.0	64
637	Minimization of spreading of SARS-CoV-2 via household waste produced by subjects affected by COVID-19 or in quarantine. <i>Science of the Total Environment</i> , 2020, 743, 140803.	3.9	78
638	Could SARS-CoV-2 affect male fertility?. <i>Andrologia</i> , 2020, 52, e13712.	1.0	53
639	COVID-19 in Pregnant Women and Neonates: A Systematic Review of the Literature with Quality Assessment of the Studies. <i>Pathogens</i> , 2020, 9, 485.	1.2	62
640	<p>Assessing Immune Response to SARS-CoV-2 Infection</p>. <i>ImmunoTargets and Therapy</i> , 2020, Volume 9, 111-114.	2.7	10

#	ARTICLE	IF	CITATIONS
641	A Snapshot of the Global Race for Vaccines Targeting SARS-CoV-2 and the COVID-19 Pandemic. <i>Frontiers in Pharmacology</i> , 2020, 11, 937.	1.6	152
642	Targeting adenosinergic pathway and adenosine A2A receptor signaling for the treatment of COVID-19: A hypothesis. <i>Medical Hypotheses</i> , 2020, 144, 110012.	0.8	23
644	Pathogenic characteristics of a QX-like infectious bronchitis virus strain SD in chickens exposed at different ages and protective efficacy of combining live homologous and heterologous vaccination. <i>Veterinary Research</i> , 2020, 51, 86.	1.1	12
645	BCG as a game-changer to prevent the infection and severity of COVID-19 pandemic?. <i>Allergologia Et Immunopathologia</i> , 2020, 48, 507-517.	1.0	31
646	ENT manifestation in COVID-19 patients. <i>Auris Nasus Larynx</i> , 2020, 47, 559-564.	0.5	80
647	A candidate multi-epitope vaccine against SARS-CoV-2. <i>Scientific Reports</i> , 2020, 10, 10895.	1.6	209
648	COVID-19: Progress in diagnostics, therapy and vaccination. <i>Theranostics</i> , 2020, 10, 7821-7835.	4.6	121
649	Integrated approaches to reveal mechanisms by which RNA viruses reprogram the cellular environment. <i>Methods</i> , 2020, 183, 50-56.	1.9	7
650	Clinical Characteristics of 138 Hospitalized Patients With 2019 Novel Coronavirusâ€“Infected Pneumonia in Wuhan, China. <i>JAMA - Journal of the American Medical Association</i> , 2020, 323, 1061.	3.8	18,030
651	What to do next to control the 2019-nCoV epidemic?. <i>Lancet, The</i> , 2020, 395, 391-393.	6.3	191
652	Estimation of the Transmission Risk of the 2019-nCoV and Its Implication for Public Health Interventions. <i>Journal of Clinical Medicine</i> , 2020, 9, 462.	1.0	1,048
653	Systematic Comparison of Two Animal-to-Human Transmitted Human Coronaviruses: SARS-CoV-2 and SARS-CoV. <i>Viruses</i> , 2020, 12, 244.	1.5	552
654	Structure-Based Stabilization of Non-native Proteinâ€“Protein Interactions of Coronavirus Nucleocapsid Proteins in Antiviral Drug Design. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 3131-3141.	2.9	94
655	Transmission routes of 2019-nCoV and controls in dental practice. <i>International Journal of Oral Science</i> , 2020, 12, 9.	3.6	1,489
656	Anesthetic Management of Patients with COVID 19 Infections during Emergency Procedures. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2020, 34, 1125-1131.	0.6	81
657	A Novel Coronavirus (COVID-19) Outbreak. <i>Chest</i> , 2020, 157, e99-e101.	0.4	63
658	Coronavirus Disease 2019 (COVID-19): A Perspective from China. <i>Radiology</i> , 2020, 296, E15-E25.	3.6	1,334
659	Coronavirus Disease 2019: Coronaviruses and Blood Safety. <i>Transfusion Medicine Reviews</i> , 2020, 34, 75-80.	0.9	503

#	ARTICLE	IF	CITATIONS
660	The SARS, MERS and novel coronavirus (COVID-19) epidemics, the newest and biggest global health threats: what lessons have we learned?. <i>International Journal of Epidemiology</i> , 2020, 49, 717-726.	0.9	1,110
661	Clinical course and outcomes of critically ill patients with SARS-CoV-2 pneumonia in Wuhan, China: a single-centered, retrospective, observational study. <i>Lancet Respiratory Medicine</i> , 2020, 8, 475-481.	5.2	7,975
662	High expression of ACE2 receptor of 2019-nCoV on the epithelial cells of oral mucosa. <i>International Journal of Oral Science</i> , 2020, 12, 8.	3.6	2,019
663	Covid-19 " Navigating the Uncharted. <i>New England Journal of Medicine</i> , 2020, 382, 1268-1269.	13.9	1,393
664	The Wuhan SARS-CoV-2 "What's next for China. <i>Journal of Medical Virology</i> , 2020, 92, 546-547.	2.5	51
665	The spike glycoprotein of the new coronavirus 2019-nCoV contains a furin-like cleavage site absent in CoV of the same clade. <i>Antiviral Research</i> , 2020, 176, 104742.	1.9	1,450
666	Clinical characteristics and intrauterine vertical transmission potential of COVID-19 infection in nine pregnant women: a retrospective review of medical records. <i>Lancet, The</i> , 2020, 395, 809-815.	6.3	2,893
667	The 2019 coronavirus: Learning curves, lessons, and the weakest link. <i>International Journal of Clinical Practice</i> , 2020, 74, e13488.	0.8	27
668	Inactivation of three emerging viruses " severe acute respiratory syndrome coronavirus, Crimean Congo haemorrhagic fever virus and Nipah virus " in platelet concentrates by ultraviolet C light and in plasma by methylene blue plus visible light. <i>Vox Sanguinis</i> , 2020, 115, 146-151.	0.7	116
669	A Novel Coronavirus Emerging in China " Key Questions for Impact Assessment. <i>New England Journal of Medicine</i> , 2020, 382, 692-694.	13.9	1,104
670	Outbreak of pneumonia of unknown etiology in Wuhan, China: The mystery and the miracle. <i>Journal of Medical Virology</i> , 2020, 92, 401-402.	2.5	2,395
671	Early Transmission Dynamics in Wuhan, China, of Novel Coronavirus "Infected Pneumonia. <i>New England Journal of Medicine</i> , 2020, 382, 1199-1207.	13.9	12,326
672	Molecular Diagnosis of a Novel Coronavirus (2019-nCoV) Causing an Outbreak of Pneumonia. <i>Clinical Chemistry</i> , 2020, 66, 549-555.	1.5	1,098
673	Emerging coronaviruses: Genome structure, replication, and pathogenesis. <i>Journal of Medical Virology</i> , 2020, 92, 418-423.	2.5	2,439
674	Porcine Deltacoronavirus Infection and Transmission in Poultry, United States ¹ . <i>Emerging Infectious Diseases</i> , 2020, 26, 255-265.	2.0	99
675	Coronavirus Infections "More Than Just the Common Cold. <i>JAMA - Journal of the American Medical Association</i> , 2020, 323, 707.	3.8	1,501
676	Persistence of coronaviruses on inanimate surfaces and their inactivation with biocidal agents. <i>Journal of Hospital Infection</i> , 2020, 104, 246-251.	1.4	2,758
677	Pathogenicity and transmissibility of 2019-nCoV "A quick overview and comparison with other emerging viruses. <i>Microbes and Infection</i> , 2020, 22, 69-71.	1.0	594

#	ARTICLE	IF	CITATIONS
678	Stoma closure reinforcement with biological mesh and incisional hernia. <i>Lancet</i> , The, 2020, 395, 393-395.	6.3	2
680	On Facing the SARS-CoV-2 (COVID-19) with Combination of Nanomaterials and Medicine: Possible Strategies and First Challenges. <i>Nanomaterials</i> , 2020, 10, 852.	1.9	102
681	Coronavirus Disease 2019 (COVID-19). <i>Medical Virology</i> , 2020, , .	2.1	60
682	Balancing evidence and frontline experience in the early phases of the COVID-19 pandemic: current position of the Italian Society of Anti-infective Therapy (SITA) and the Italian Society of Pulmonology (SIP). <i>Clinical Microbiology and Infection</i> , 2020, 26, 880-894.	2.8	36
683	Repurposing Antiviral Protease Inhibitors Using Extracellular Vesicles for Potential Therapy of COVID-19. <i>Viruses</i> , 2020, 12, 486.	1.5	94
684	Selection of viral variants during persistent infection of insectivorous bat cells with Middle East respiratory syndrome coronavirus. <i>Scientific Reports</i> , 2020, 10, 7257.	1.6	22
685	Antibody therapies for the treatment of COVID-19. <i>Antibody Therapeutics</i> , 2020, 3, 101-108.	1.2	10
686	Highlight of Immune Pathogenic Response and Hematopathologic Effect in SARS-CoV, MERS-CoV, and SARS-Cov-2 Infection. <i>Frontiers in Immunology</i> , 2020, 11, 1022.	2.2	263
687	The Human Coronavirus Disease COVID-19: Its Origin, Characteristics, and Insights into Potential Drugs and Its Mechanisms. <i>Pathogens</i> , 2020, 9, 331.	1.2	198
688	Understanding the renin-angiotensin-aldosterone-SARS-CoV axis: a comprehensive review. <i>European Respiratory Journal</i> , 2020, 56, 2000912.	3.1	123
689	Pediatric SARS, H1N1, MERS, EVALI, and Now Coronavirus Disease (COVID-19) Pneumonia: What Radiologists Need to Know. <i>American Journal of Roentgenology</i> , 2020, 215, 736-744.	1.0	39
690	Evolution of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) as coronavirus disease 2019 (COVID-19) pandemic: A global health emergency. <i>Science of the Total Environment</i> , 2020, 730, 138996.	3.9	364
691	Identification of new anti-nCoV drug chemical compounds from Indian spices exploiting SARS-CoV-2 main protease as target. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020, , 1-9.	2.0	132
692	Sinonasal pathophysiology of SARS-CoV-2 and COVID-19: A systematic review of the current evidence. <i>Laryngoscope Investigative Otolaryngology</i> , 2020, 5, 354-359.	0.6	94
693	COVID-19 – Considerations for the paediatric rheumatologist. <i>Clinical Immunology</i> , 2020, 214, 108420.	1.4	49
694	Harnessing innate immunity to eliminate SARS-CoV-2 and ameliorate COVID-19 disease. <i>Physiological Genomics</i> , 2020, 52, 217-221.	1.0	82
695	Going Virtual to Support Anatomy Education: A STOPGAP in the Midst of the Covid-19 Pandemic. <i>Anatomical Sciences Education</i> , 2020, 13, 279-283.	2.5	219
696	Radiological findings and clinical characteristics of pregnant women with COVID-19 pneumonia. <i>International Journal of Gynecology and Obstetrics</i> , 2020, 150, 58-63.	1.0	92

#	ARTICLE	IF	CITATIONS
697	Immune responses and pathogenesis of SARS-CoV-2 during an outbreak in Iran: Comparison with SARS and MERS. <i>Reviews in Medical Virology</i> , 2020, 30, e2107.	3.9	179
698	The correlation between viral clearance and biochemical outcomes of 94 COVID-19 infected discharged patients. <i>Inflammation Research</i> , 2020, 69, 599-606.	1.6	169
699	SARS-CoV-2 and COVID-19 in older adults: what we may expect regarding pathogenesis, immune responses, and outcomes. <i>GeroScience</i> , 2020, 42, 505-514.	2.1	404
700	Phylogenetic analysis of the whole genome sequence of a dog lineage rabies virus detected from cattle in eastern China, 2019. <i>Brazilian Journal of Microbiology</i> , 2020, 51, 1453-1458.	0.8	2
701	Coronavirus membrane fusion mechanism offers a potential target for antiviral development. <i>Antiviral Research</i> , 2020, 178, 104792.	1.9	635
702	An Infectious cDNA Clone of SARS-CoV-2. <i>Cell Host and Microbe</i> , 2020, 27, 841-848.e3.	5.1	617
703	Predicting commercially available antiviral drugs that may act on the novel coronavirus (SARS-CoV-2) through a drug-target interaction deep learning model. <i>Computational and Structural Biotechnology Journal</i> , 2020, 18, 784-790.	1.9	568
704	Coronavirus disease 2019 (COVID-19): current status and future perspectives. <i>International Journal of Antimicrobial Agents</i> , 2020, 55, 105951.	1.1	797
705	Coronavirus Disease 2019 (COVID-19) CT Findings: A Systematic Review and Meta-analysis. <i>Journal of the American College of Radiology</i> , 2020, 17, 701-709.	0.9	317
706	Current knowledge about the antivirals remdesivir (GS-5734) and GS-441524 as therapeutic options for coronaviruses. <i>One Health</i> , 2020, 9, 100128.	1.5	157
707	An orally bioavailable broad-spectrum antiviral inhibits SARS-CoV-2 in human airway epithelial cell cultures and multiple coronaviruses in mice. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	886
708	Crystal Structure of African Swine Fever Virus pS273R Protease and Implications for Inhibitor Design. <i>Journal of Virology</i> , 2020, 94, .	1.5	28
709	Role of the Eye in Transmitting Human Coronavirus: What We Know and What We Do Not Know. <i>Frontiers in Public Health</i> , 2020, 8, 155.	1.3	117
710	The emergence of SARS, MERS and novel SARS-2 coronaviruses in the 21st century. <i>Archives of Virology</i> , 2020, 165, 1517-1526.	0.9	158
711	Recommendations on the clinical management of the COVID-19 infection by the "new coronavirus" SARS-CoV2. Spanish Paediatric Association working group. <i>Anales De Pediatr�a (English Edition)</i> , 2020, 92, 241.e1-241.e11.	0.1	33
713	SARS-CoV-2 infection in children " Understanding the immune responses and controlling the pandemic. <i>Pediatric Allergy and Immunology</i> , 2020, 31, 449-453.	1.1	56
714	Longitudinal characteristics of lymphocyte responses and cytokine profiles in the peripheral blood of SARS-CoV-2 infected patients. <i>EBioMedicine</i> , 2020, 55, 102763.	2.7	1,354
715	Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2): Emergence, history, basic and clinical aspects. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 2531-2538.	1.8	87

#	ARTICLE	IF	CITATIONS
716	Origin, Potential Therapeutic Targets and Treatment for Coronavirus Disease (COVID-19). <i>Pathogens</i> , 2020, 9, 307.	1.2	62
717	COVID-19: Immunology and treatment options. <i>Clinical Immunology</i> , 2020, 215, 108448.	1.4	485
718	Personal protective equipment (PPE) for anesthesiologists: the need for national guidelines. <i>Canadian Journal of Anaesthesia</i> , 2020, 67, 919-923.	0.7	3
719	COVID-19 type III hypersensitivity reaction. <i>Medical Hypotheses</i> , 2020, 140, 109763.	0.8	10
720	A Review of SARS-CoV-2 and the Ongoing Clinical Trials. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2657.	1.8	530
721	Coronavirus disease 2019: reassembly attack of coronavirus. <i>International Journal of Environmental Health Research</i> , 2022, 32, 243-251.	1.3	4
722	Can Nanotechnology and Materials Science Help the Fight against SARS-CoV-2?. <i>Nanomaterials</i> , 2020, 10, 802.	1.9	194
723	Genomic characterization of a novel SARS-CoV-2. <i>Gene Reports</i> , 2020, 19, 100682.	0.4	650
724	Weak Induction of Interferon Expression by Severe Acute Respiratory Syndrome Coronavirus 2 Supports Clinical Trials of Interferon- β to Treat Early Coronavirus Disease 2019. <i>Clinical Infectious Diseases</i> , 2020, 71, 1410-1412.	2.9	88
725	Systemic immunosuppressive therapy for inflammatory skin diseases in children: Expert consensus-based guidance for clinical decision-making during the COVID-19 pandemic. <i>Pediatric Dermatology</i> , 2020, 37, 424-434.	0.5	11
726	Forced Disruption of Anatomy Education in Australia and New Zealand: An Acute Response to the Covid-19 Pandemic. <i>Anatomical Sciences Education</i> , 2020, 13, 284-300.	2.5	300
727	Description of COVID-19 cases along with the measures taken on prevention and control in Zhejiang, China. <i>Journal of Medical Virology</i> , 2020, 92, 1948-1955.	2.5	14
728	SARS-CoV-2: At the Crossroad Between Aging and Neurodegeneration. <i>Movement Disorders</i> , 2020, 35, 716-720.	2.2	114
729	Sustainable practice of ophthalmology during COVID-19: challenges and solutions. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2020, 258, 1427-1436.	1.0	76
730	Should Patients Receiving ACE Inhibitors or Angiotensin Receptor Blockers be Switched to Other Antihypertensive Drugs to Prevent or Improve Prognosis of Novel Coronavirus Disease 2019 (COVID-19)?. <i>Drug Safety</i> , 2020, 43, 507-509.	1.4	20
731	Crystal structure of SARS-CoV-2 nucleocapsid protein RNA binding domain reveals potential unique drug targeting sites. <i>Acta Pharmaceutica Sinica B</i> , 2020, 10, 1228-1238.	5.7	547
732	COVID-19: A New Virus, but a Familiar Receptor and Cytokine Release Syndrome. <i>Immunity</i> , 2020, 52, 731-733.	6.6	606
733	Risks of viral contamination in healthcare professionals during laparoscopy in the Covid-19 pandemic. <i>Journal of Visceral Surgery</i> , 2020, 157, S59-S62.	0.4	45

#	ARTICLE	IF	CITATIONS
734	The powerful immune system against powerful COVID-19: A hypothesis. <i>Medical Hypotheses</i> , 2020, 140, 109762.	0.8	91
735	Coronavirus 101. <i>Journal for Nurse Practitioners</i> , 2020, 16, 416-419.	0.4	5
736	Rapid Detection of COVID-19 Causative Virus (SARS-CoV-2) in Human Nasopharyngeal Swab Specimens Using Field-Effect Transistor-Based Biosensor. <i>ACS Nano</i> , 2020, 14, 5135-5142.	7.3	1,394
737	Saliva: potential diagnostic value and transmission of 2019-nCoV. <i>International Journal of Oral Science</i> , 2020, 12, 11.	3.6	284
738	High antiviral activity of mercaptoethane sulfonate functionalized Te/BSA nanostars against arterivirus and coronavirus. <i>RSC Advances</i> , 2020, 10, 14161-14169.	1.7	26
739	Evaluation of a COVID-19 IgM and IgG rapid test; an efficient tool for assessment of past exposure to SARS-CoV-2. <i>Infection Ecology and Epidemiology</i> , 2020, 10, 1754538.	0.5	151
740	Development of a reverse transcription-loop-mediated isothermal amplification as a rapid early-detection method for novel SARS-CoV-2. <i>Emerging Microbes and Infections</i> , 2020, 9, 998-1007.	3.0	267
741	Coronavirus Infections in Children Including COVID-19. <i>Pediatric Infectious Disease Journal</i> , 2020, 39, 355-368.	1.1	853
742	Inactivation of severe acute respiratory syndrome coronavirus 2 in plasma and platelet products using a riboflavin and ultraviolet light-based photochemical treatment. <i>Vox Sanguinis</i> , 2020, 115, 495-501.	0.7	89
743	Development and validation of a portable, point-of-care canine distemper virus qPCR test. <i>PLoS ONE</i> , 2020, 15, e0232044.	1.1	12
744	<scp>SARS</scp> â€CoVâ€2 receptor <scp>ACE</scp> 2 and <scp>TMPRSS</scp> 2 are primarily expressed in bronchial transient secretory cells. <i>EMBO Journal</i> , 2020, 39, e105114.	3.5	812
745	Call for Papers: The Pathophysiology of COVID-19 and SARS-CoV-2 Infection. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020, 318, L1016-L1019.	1.3	16
746	Clinical utility of cardiac troponin measurement in COVID-19 infection. <i>Annals of Clinical Biochemistry</i> , 2020, 57, 202-205.	0.8	43
747	Identification of Coronavirus Isolated from a Patient in Korea with COVID-19. <i>Osong Public Health and Research Perspectives</i> , 2020, 11, 3-7.	0.7	391
748	scRNA-seq Profiling of Human Testes Reveals the Presence of the ACE2 Receptor, A Target for SARS-CoV-2 Infection in Spermatogonia, Leydig and Sertoli Cells. <i>Cells</i> , 2020, 9, 920.	1.8	464
749	Ongoing Clinical Trials for the Management of the COVID-19 Pandemic. <i>Trends in Pharmacological Sciences</i> , 2020, 41, 363-382.	4.0	311
750	COVID-19, a worldwide public health emergency. <i>Revista Cl&#x00ed;nica Espan&#x00f5;la</i> , 2021, 221, 55-61.	0.3	113
751	Anesthesia Management and Perioperative Infection Control in Patients With the Novel Coronavirus. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2021, 35, 1503-1508.	0.6	26

#	ARTICLE	IF	CITATIONS
752	COVID-19, una emergencia de salud p�blica mundial. Revista Clinica Espanola, 2021, 221, 55-61.	0.2	132
753	Identification of chymotrypsin-like protease inhibitors of SARS-CoV-2 <i>via</i> integrated computational approach. Journal of Biomolecular Structure and Dynamics, 2021, 39, 2607-2616.	2.0	227
754	Nosocomial Transmission of Coronavirus Disease 2019: A Retrospective Study of 66 Hospital-acquired Cases in a London Teaching Hospital. Clinical Infectious Diseases, 2021, 72, 690-693.	2.9	205
755	A review of pathophysiology and neuropsychiatric manifestations of COVID-19. Journal of Neurology, 2021, 268, 2007-2012.	1.8	65
756	Modification to Neurology Residency Training. Neurology: Clinical Practice, 2021, 11, e165-e169.	0.8	8
757	The emerging role and significance of circular RNAs in viral infections and antiviral immune responses: possible implication as theranostic agents. RNA Biology, 2021, 18, 1-15.	1.5	45
758	An Overview on SARS-CoV-2 (COVID-19) and Other Human Coronaviruses and Their Detection Capability via Amplification Assay, Chemical Sensing, Biosensing, Immunosensing, and Clinical Assays. Nano-Micro Letters, 2021, 13, 18.	14.4	157
759	Aging in COVID-19: Vulnerability, immunity and intervention. Ageing Research Reviews, 2021, 65, 101205.	5.0	601
760	Immunopathological similarities between COVID-19 and influenza: Investigating the consequences of Co-infection. Microbial Pathogenesis, 2021, 152, 104554.	1.3	88
761	Epidemiological characteristics of patients with severe COVID-19 infection in Wuhan, China: evidence from a retrospective observational study. International Journal of Epidemiology, 2021, 49, 1940-1950.	0.9	27
762	Effect of pre-existing diseases on COVID-19 infection and role of new sensors and biomaterials for its detection and treatment. Medical Devices & Sensors, 2021, 4, e10140.	2.7	5
763	SHERLOCK and DETECTR: CRISPR-Cas Systems as Potential Rapid Diagnostic Tools for Emerging Infectious Diseases. Journal of Clinical Microbiology, 2021, 59, .	1.8	124
764	The Role and Therapeutic Potential of NF-kappa-B Pathway in Severe COVID-19 Patients. Inflammopharmacology, 2021, 29, 91-100.	1.9	215
765	Step toward repurposing drug discovery for <scp>COVID</scp>-19 therapeutics through in silico approach. Drug Development Research, 2021, 82, 374-392.	1.4	14
766	Harnessing immunotherapy to combat COVID-19: A modern snake oil or silver bullet?. Therapie, 2021, 76, 335-345.	0.6	0
767	Receptor utilization of angiotensin-converting enzyme 2 (ACE2) indicates a narrower host range of SARS-CoV-2 than that of SARS-CoV. Transboundary and Emerging Diseases, 2021, 68, 1046-1053.	1.3	15
768	Early-onset symptomatic neonatal COVID-19 infection with high probability of vertical transmission. Infection, 2021, 49, 339-343.	2.3	34
769	Emerging Human Coronavirus Infections (SARS, MERS, and COVID-19): Where They Are Leading Us. International Reviews of Immunology, 2021, 40, 5-53.	1.5	20

#	ARTICLE	IF	CITATIONS
770	A hybrid model integrating warm heat and ultraviolet germicidal irradiation might efficiently disinfect respirators and personal protective equipment. <i>American Journal of Infection Control</i> , 2021, 49, 309-318.	1.1	21
771	What HIV in the Brain Can Teach Us About SARS-CoV-2 Neurological Complications?. <i>AIDS Research and Human Retroviruses</i> , 2021, 37, 255-265.	0.5	15
772	Excess Soluble fms-like Tyrosine Kinase 1 Correlates With Endothelial Dysfunction and Organ Failure in Critically Ill Coronavirus Disease 2019 Patients. <i>Clinical Infectious Diseases</i> , 2021, 72, 1834-1837.	2.9	37
773	Clotting disorder in severe acute respiratory syndrome coronavirus 2. <i>Reviews in Medical Virology</i> , 2021, 31, e2177.	3.9	25
774	COVID-19: Between Past and Present. <i>Viral Immunology</i> , 2021, 34, 145-157.	0.6	3
775	An Assessment on Impact of COVID-19 Infection in a Gender Specific Manner. <i>Stem Cell Reviews and Reports</i> , 2021, 17, 94-112.	1.7	37
776	Can N-3 polyunsaturated fatty acids be considered a potential adjuvant therapy for COVID-19-associated cardiovascular complications?. , 2021, 219, 107703.		50
777	Evolution of SARS-CoV-2 genome from December 2019 to late March 2020: Emerged haplotypes and informative Tag nucleotide variations. <i>Journal of Medical Virology</i> , 2021, 93, 2010-2020.	2.5	10
778	Myocardial injury and risk factors for mortality in patients with COVID-19 pneumonia. <i>International Journal of Cardiology</i> , 2021, 326, 230-236.	0.8	34
779	Targeting Polyamines Inhibits Coronavirus Infection by Reducing Cellular Attachment and Entry. <i>ACS Infectious Diseases</i> , 2021, 7, 1423-1432.	1.8	26
780	A blood-based host gene expression assay for early detection of respiratory viral infection: an index-cluster prospective cohort study. <i>Lancet Infectious Diseases</i> , The, 2021, 21, 396-404.	4.6	34
781	The immune response and immune evasion characteristics in SARS-CoV, MERS-CoV, and SARS-CoV-2: Vaccine design strategies. <i>International Immunopharmacology</i> , 2021, 92, 107051.	1.7	33
782	Angiotensin-converting enzyme 2 (ACE2): COVID 19 gate way to multiple organ failure syndromes. <i>Respiratory Physiology and Neurobiology</i> , 2021, 283, 103548.	0.7	74
783	Targeting pivotal inflammatory pathways in COVID-19: A mechanistic review. <i>European Journal of Pharmacology</i> , 2021, 890, 173620.	1.7	24
784	Tackling COVID-19 Using Remdesivir and Favipiravir as Therapeutic Options. <i>ChemBioChem</i> , 2021, 22, 939-948.	1.3	50
785	The <sc>BioGRID</sc> database: A comprehensive biomedical resource of curated protein, genetic, and chemical interactions. <i>Protein Science</i> , 2021, 30, 187-200.	3.1	769
786	Renin-angiotensin system at the interface of COVID-19 infection. <i>European Journal of Pharmacology</i> , 2021, 890, 173656.	1.7	23
787	Is a healthy microbiome responsible for lower mortality in COVID-19?. <i>Biologia (Poland)</i> , 2021, 76, 819-829.	0.8	24

#	ARTICLE	IF	CITATIONS
788	Severe acute respiratory syndromeâ€coronavirusâ€2 spike (S) protein based vaccine candidates: State of the art and future prospects. <i>Reviews in Medical Virology</i> , 2021, 31, e2183.	3.9	43
789	Pharmacological insight into potential therapeutic agents for the deadly Covid-19 pandemic. <i>European Journal of Pharmacology</i> , 2021, 890, 173643.	1.7	14
790	SARSâ€CoVâ€2â€mediated immune system activation and potential application in immunotherapy. <i>Medicinal Research Reviews</i> , 2021, 41, 1167-1194.	5.0	37
791	Challenges, limitations, and solutions for orthodontists during the coronavirus pandemic: A review. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2021, 159, e59-e71.	0.8	16
792	SARS-CoV-2, the other face to SARS-CoV and MERS-CoV: Future predictions. <i>Biomedical Journal</i> , 2021, 44, 86-93.	1.4	34
793	An in-silico study on selected organosulfur compounds as potential drugs for SARS-CoV-2 infection via binding multiple drug targets. <i>Chemical Physics Letters</i> , 2021, 763, 138193.	1.2	32
794	Gastrointestinal and renal complications in SARSâ€CoVâ€2â€infected patients: Role of immune system. <i>Scandinavian Journal of Immunology</i> , 2021, 93, e12999.	1.3	9
795	Pathophysiological mechanisms of liver injury in COVIDâ€19. <i>Liver International</i> , 2021, 41, 20-32.	1.9	273
796	COVIDâ€19 in Turkey: A tertiary center experience. <i>Pediatrics International</i> , 2021, 63, 797-805.	0.2	9
797	COVID-19 vaccine: A recent update in pipeline vaccines, their design and development strategies. <i>European Journal of Pharmacology</i> , 2021, 892, 173751.	1.7	201
798	One year update on the COVID-19 pandemic: Where are we now?. <i>Acta Tropica</i> , 2021, 214, 105778.	0.9	142
799	2-Pyridone natural products as inhibitors of SARS-CoV-2 main protease. <i>Chemico-Biological Interactions</i> , 2021, 335, 109348.	1.7	35
800	Comparative analyses of SARS-CoV-2 binding (IgG, IgM, IgA) and neutralizing antibodies from human serum samples. <i>Journal of Immunological Methods</i> , 2021, 489, 112937.	0.6	68
801	Pointâ€ofâ€care Pathogen Detection with CRISPRâ€based Programmable Nucleic Acid Binding Proteins. <i>ChemMedChem</i> , 2021, 16, 1566-1575.	1.6	9
802	Drug designing against NSP15 of SARS-COV2 via high throughput computational screening and structural dynamics approach. <i>European Journal of Pharmacology</i> , 2021, 892, 173779.	1.7	11
803	The flexibility of ACE2 in the context of SARS-CoV-2 infection. <i>Biophysical Journal</i> , 2021, 120, 1072-1084.	0.2	102
804	A Gapless, Unambiguous RNA Metagenome-Assembled Genome Sequence of a Unique SARS-CoV-2 Variant Encoding Spike S813I and ORF1a A859V Substitutions. <i>OMICS A Journal of Integrative Biology</i> , 2021, 25, 123-128.	1.0	5
805	Development of HBc virus-like particles as modular nanocarrier by intein-mediated trans-splicing. <i>Biochemical and Biophysical Research Communications</i> , 2021, 534, 891-895.	1.0	6

#	ARTICLE	IF	CITATIONS
806	Kefir: A protective dietary supplementation against viral infection. <i>Biomedicine and Pharmacotherapy</i> , 2021, 133, 110974.	2.5	41
807	The main protease and RNA-dependent RNA polymerase are two prime targets for SARS-CoV-2. <i>Biochemical and Biophysical Research Communications</i> , 2021, 538, 63-71.	1.0	30
808	Essential functional molecules associated with SARS-CoV-2 infection: Potential therapeutic targets for COVID-19. <i>Gene</i> , 2021, 768, 145313.	1.0	22
809	Potential of algal metabolites for the development of broad-spectrum antiviral therapeutics: Possible implications in COVID-19 therapy. <i>Phytotherapy Research</i> , 2021, 35, 2296-2316.	2.8	11
810	Diagnosis of COVID-19 for controlling the pandemic: A review of the state-of-the-art. <i>Biosensors and Bioelectronics</i> , 2021, 174, 112830.	5.3	149
811	Diverse roles of long non-coding RNAs in viral diseases. <i>Reviews in Medical Virology</i> , 2021, 31, e2198.	3.9	16
812	Computational study of pomegranate peel extract polyphenols as potential inhibitors of SARS-CoV-2 virus internalization. <i>Molecular and Cellular Biochemistry</i> , 2021, 476, 1179-1193.	1.4	41
813	Comparative Analysis of Nanomechanical Features of Coronavirus Spike Proteins and Correlation with Lethality and Infection Rate. <i>Matter</i> , 2021, 4, 265-275.	5.0	20
814	Nervous system involvement in SARS-coronavirus infection: a review on lessons learned from the previous outbreaks, ongoing pandemic and what to expect in the future. <i>International Journal of Neuroscience</i> , 2022, 132, 930-938.	0.8	3
815	Complicating Infections Associated with Common Endemic Human Respiratory Coronaviruses. <i>Health Security</i> , 2021, 19, 195-208.	0.9	27
816	SARS-CoV-2 Antibody Responses Are Correlated to Disease Severity in COVID-19 Convalescent Individuals. <i>Journal of Immunology</i> , 2021, 206, 109-117.	0.4	96
817	Endothelialitis plays a central role in the pathophysiology of severe COVID-19 and its cardiovascular complications. <i>Acta Cardiologica</i> , 2021, 76, 109-124.	0.3	42
818	The potential effects of clinical antidiabetic agents on SARS-CoV-2. <i>Journal of Diabetes</i> , 2021, 13, 243-252.	0.8	15
819	A Multiple-Hit Hypothesis Involving Reactive Oxygen Species and Myeloperoxidase Explains Clinical Deterioration and Fatality in COVID-19. <i>International Journal of Biological Sciences</i> , 2021, 17, 62-72.	2.6	51
820	Biodiversity loss and COVID-19 pandemic: The role of bats in the origin and the spreading of the disease. <i>Biochemical and Biophysical Research Communications</i> , 2021, 538, 2-13.	1.0	47
821	Recent case studies on the use of ozone to combat coronavirus: Problems and perspectives. <i>Environmental Technology and Innovation</i> , 2021, 21, 101313.	3.0	25
822	Next generation sequencing of SARS-CoV-2 genomes: challenges, applications and opportunities. <i>Briefings in Bioinformatics</i> , 2021, 22, 616-630.	3.2	143
823	The biogenesis of SARS-CoV-2 spike glycoprotein: multiple targets for host-directed antiviral therapy. <i>Biochemical and Biophysical Research Communications</i> , 2021, 538, 80-87.	1.0	21

#	ARTICLE	IF	CITATIONS
824	Using Cardiovascular Cells from Human Pluripotent Stem Cells for COVID-19 Research: Why the Heart Fails. <i>Stem Cell Reports</i> , 2021, 16, 385-397.	2.3	25
825	Exploring algae and cyanobacteria as a promising natural source of antiviral drug against SARS-CoV-2. <i>Biomedical Journal</i> , 2021, 44, 54-62.	1.4	29
826	T and B cell Epitope analysis of SARS-CoV-2 S protein based on immunoinformatics and experimental research. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 1274-1289.	1.6	36
827	The central role of the nasal microenvironment in the transmission, modulation, and clinical progression of SARS-CoV-2 infection. <i>Mucosal Immunology</i> , 2021, 14, 305-316.	2.7	173
828	IL-6 in inflammation, autoimmunity and cancer. <i>International Immunology</i> , 2021, 33, 127-148.	1.8	500
829	Longitudinal clinical and radiographic evaluation reveals interleukin-6 as an indicator of persistent pulmonary injury in COVID-19. <i>International Journal of Medical Sciences</i> , 2021, 18, 29-41.	1.1	24
830	Spike Glycoprotein and Host Cell Determinants of SARS-CoV-2 Entry and Cytopathic Effects. <i>Journal of Virology</i> , 2021, 95, .	1.5	70
831	Dual ELISA using SARS-CoV-2 nucleocapsid protein produced in E. coli and CHO cells reveals epitope masking by N-glycosylation. <i>Biochemical and Biophysical Research Communications</i> , 2021, 534, 457-460.	1.0	22
832	The inhibitory effect of a coronavirus spike protein fragment with ACE2. <i>Biophysical Journal</i> , 2021, 120, 1001-1010.	0.2	13
833	COVID-19 cumulative incidence, intensive care, and mortality in Italian regions compared to selected European countries. <i>International Journal of Infectious Diseases</i> , 2021, 102, 363-368.	1.5	13
834	Delayed stroke after hospitalization for coronavirus disease 2019 pneumonia from common and internal carotid artery thrombosis. <i>Journal of Vascular Surgery Cases and Innovative Techniques</i> , 2021, 7, 40-45.	0.3	7
835	KG-COVID-19: A Framework to Produce Customized Knowledge Graphs for COVID-19 Response. <i>Patterns</i> , 2021, 2, 100155.	3.1	62
836	Development and utilization of an infectious clone for porcine deltacoronavirus strain USA/IL/2014/026. <i>Virology</i> , 2021, 553, 35-45.	1.1	5
837	Host transcriptomic profiling of COVID-19 patients with mild, moderate, and severe clinical outcomes. <i>Computational and Structural Biotechnology Journal</i> , 2021, 19, 153-160.	1.9	69
838	Sex-dependent immune response and lethality of COVID-19. <i>Stem Cell Research</i> , 2021, 50, 102116.	0.3	18
839	Integrating Proteomics for Facilitating Drug Identification and Repurposing During an Emerging Virus Pandemic. <i>ACS Infectious Diseases</i> , 2021, 7, 1303-1316.	1.8	1
840	The Perspective of Coronavirus Disease Outbreak: Epidemiology, Transmission, and Possible Treatment. <i>Vector-Borne and Zoonotic Diseases</i> , 2021, 21, 78-85.	0.6	5
841	The Prevalence of Gastrointestinal Symptoms, Abnormal Liver Function, Digestive System Disease and Liver Disease in COVID-19 Infection. <i>Journal of Clinical Gastroenterology</i> , 2021, 55, 67-76.	1.1	50

#	ARTICLE	IF	CITATIONS
842	Prevalence and associated factors of depression and anxiety among nurses during the outbreak of COVID-19 in China: A cross-sectional study. <i>International Journal of Nursing Studies</i> , 2021, 114, 103809.	2.5	116
843	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
844	Discharge may not be the end of treatment: Pay attention to pulmonary fibrosis caused by severe COVID-19. <i>Journal of Medical Virology</i> , 2021, 93, 1378-1386.	2.5	70
845	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
846	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
847	New spirothiazolidinone derivatives: Synthesis and antiviral evaluation. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2021, 196, 294-299.	0.8	4
848	Preventing the development of severe COVID-19 by modifying immunothrombosis. <i>Life Sciences</i> , 2021, 264, 118617.	2.0	40
849	Current perspective of COVID-19 spread across South Korea: exploratory data analysis and containment of the pandemic. <i>Environment, Development and Sustainability</i> , 2021, 23, 6553-6563.	2.7	19
850	Structural basis of SARS-CoV-2 spike protein induced by ACE2. <i>Bioinformatics</i> , 2021, 37, 929-936.	1.8	19
851	Geographical reconstruction of the SARS-CoV-2 outbreak in Lombardy (Italy) during the early phase. <i>Journal of Medical Virology</i> , 2021, 93, 1752-1757.	2.5	17
852	Clinical characterization and risk factors associated with cytokine release syndrome induced by COVID-19 and chimeric antigen receptor T-cell therapy. <i>Bone Marrow Transplantation</i> , 2021, 56, 570-580.	1.3	25
853	The unique features of SARS-CoV-2 transmission: Comparison with SARS-CoV, MERS-CoV and 2009 H1N1 pandemic influenza virus. <i>Reviews in Medical Virology</i> , 2021, 31, e2171.	3.9	64
854	Largest democracy in the world crippled by COVID-19: current perspective and experience from India. <i>Environment, Development and Sustainability</i> , 2021, 23, 6623-6641.	2.7	19
855	Implications of SARS-CoV-2 on current and future operation and management of wastewater systems. <i>Water Environment Research</i> , 2021, 93, 502-515.	1.3	18
856	Distances of transmission risk of COVID-19 inside dwellings and evaluation of the effectiveness of reciprocal proximity warning sounds. <i>Indoor Air</i> , 2021, 31, 335-347.	2.0	8
857	The role of concomitant cardiovascular diseases and cardiac biomarkers for predicting mortality in critical COVID-19 patients. <i>Acta Cardiologica</i> , 2021, 76, 132-139.	0.3	25
858	Systemic inflammation as fuel for acute liver injury in COVID-19. <i>Digestive and Liver Disease</i> , 2021, 53, 158-165.	0.4	63
859	Clinical characteristics of 132 healthcare worker cases with COVID-19: A retrospective study from a single center in Wuhan, China. <i>Journal of Medical Virology</i> , 2021, 93, 1631-1638.	2.5	8

#	ARTICLE	IF	CITATIONS
860	Coronaviruses in farm animals: Epidemiology and public health implications. <i>Veterinary Medicine and Science</i> , 2021, 7, 322-347.	0.6	21
861	Azithromycin in viral infections. <i>Reviews in Medical Virology</i> , 2021, 31, e2163.	3.9	89
862	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
863	Oromucosal immunomodulation as clinical spectrum mitigating factor in SARS-CoV-2 infection. <i>Scandinavian Journal of Immunology</i> , 2021, 93, e12972.	1.3	7
864	CoV3D: a database of high resolution coronavirus protein structures. <i>Nucleic Acids Research</i> , 2021, 49, D282-D287.	6.5	58
865	COVID-19 and diabetes; Possible role of polymorphism and rise of telemedicine. <i>Primary Care Diabetes</i> , 2021, 15, 4-9.	0.9	18
866	Leveraging on the genomics and immunopathology of SARS-CoV-2 for vaccines development: prospects and challenges. <i>Human Vaccines and Immunotherapeutics</i> , 2021, 17, 620-637.	1.4	3
867	A shock like no other: coronavirus rattles commodity markets. <i>Environment, Development and Sustainability</i> , 2021, 23, 6564-6575.	2.7	65
868	COVID-19: A Novel Disease. In <i>Clinical Practice</i> , 2021, , 7-19.	0.1	0
869	ADP-ribose and analogues bound to the deMAYlating macrodomain from the bat coronavirus HKU4. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	7
870	Reactions and feelings of health professionals in the care of hospitalized patients with suspected covid-19. <i>Revista Gaucha De Enfermagem / EENFUFGRS</i> , 2021, 42, e20200160.	0.2	6
871	Overview of an Emerging Coronavirus Infection, COVID-19: Current Status of Vaccine Development and Therapeutics. <i>Pharmacology & Pharmacy</i> , 2021, 12, 25-41.	0.2	0
872	Role of endothelial cell receptors in the context of SARS-CoV-2 infection (COVID-19). <i>Baylor University Medical Center Proceedings</i> , 2021, 34, 262-268.	0.2	5
873	Risk factors for mortality of critically ill patients with COVID-19 receiving invasive ventilation. <i>International Journal of Medical Sciences</i> , 2021, 18, 1198-1206.	1.1	12
874	A multi-mechanism approach reduces length of stay in the ICU for severe COVID-19 patients. <i>PLoS ONE</i> , 2021, 16, e0245025.	1.1	11
875	The use of statins was associated with reduced COVID-19 mortality: a systematic review and meta-analysis. <i>Annals of Medicine</i> , 2021, 53, 874-884.	1.5	33
876	Structural insights and inhibition mechanism of TMPRSS2 by experimentally known inhibitors Camostat mesylate, Nafamostat and Bromhexine hydrochloride to control SARS-coronavirus-2: A molecular modeling napproach. <i>Informatics in Medicine Unlocked</i> , 2021, 24, 100597.	1.9	32
877	Prevalence and predictors of psychological response during immediate COVID-19 pandemic. <i>International Journal of Clinical Practice</i> , 2021, 75, e13996.	0.8	10

#	ARTICLE	IF	CITATIONS
878	Inflammatory pathways and potential therapies for COVID-19: A mini review. <i>European Journal of Inflammation</i> , 2021, 19, 205873922110029.	0.2	6
879	Expression of innate immune response genes in upper airway samples of SARS-CoV-2 infected patients: A preliminary study. <i>Indian Journal of Medical Research</i> , 2021, 153, 677-683.	0.4	5
880	COVID-19: inflammatory responses, structure-based drug design and potential therapeutics. <i>Molecular Diversity</i> , 2022, 26, 629-645.	2.1	15
881	Entropy of DNA Sequences as Similarity Index for Various SARS-CoV-2 Virus Strains. <i>Lecture Notes in Bioengineering</i> , 2021, , 533-543.	0.3	0
882	The inhibitory effects of PGG and EGCG against the SARS-CoV-2 3C-like protease. <i>Biochemical and Biophysical Research Communications</i> , 2022, 591, 130-136.	1.0	41
883	Proteomic Approaches to Study SARS-CoV-2 Biology and COVID-19 Pathology. <i>Journal of Proteome Research</i> , 2021, 20, 1133-1152.	1.8	27
884	Pulmonary function and radiological features 4 months after COVID-19: first results from the national prospective observational Swiss COVID-19 lung study. <i>European Respiratory Journal</i> , 2021, 57, 2003690.	3.1	291
885	COVID-19 in Germany and China: mitigation versus elimination strategy. <i>Global Health Action</i> , 2021, 14, 1875601.	0.7	59
886	Risk factors for illness severity in patients with COVID-19 pneumonia: a prospective cohort study. <i>International Journal of Medical Sciences</i> , 2021, 18, 921-928.	1.1	8
887	Genomic surveillance of Nevada patients revealed prevalence of unique SARS-CoV-2 variants bearing mutations in the RdRp gene. <i>Journal of Genetics and Genomics</i> , 2021, 48, 40-51.	1.7	19
888	Severity of COVID-19 in Cancer patients versus patients without Cancer: A Propensity Score Matching Analysis. <i>Journal of Cancer</i> , 2021, 12, 3558-3565.	1.2	8
889	Handling and treatment strategies of biomedical wastes and biosolids contaminated with SARS-CoV-2 in waste environment. , 2021, , 207-232.		4
890	Classification Approach for COVID-19 Gene Based on Harris Hawks Optimization. <i>Studies in Systems, Decision and Control</i> , 2021, , 575-594.	0.8	4
892	Molecular Mechanisms of Distinct Diseases. , 0, , .		0
893	SARS-CoV-2 (COVID-19): Beginning to Understand a New Virus. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1321, 3-19.	0.8	10
894	Coronavirus Pneumonia and Pulmonary Thromboembolism. <i>BIO Integration</i> , 2021, 1, .	0.9	1
895	A review on potential of natural products in the management of COVID-19. <i>RSC Advances</i> , 2021, 11, 16711-16735.	1.7	59
896	Therapeutics and Vaccines: Strengthening Our Fight Against the Global Pandemic COVID-19. <i>Current Microbiology</i> , 2021, 78, 435-448.	1.0	9

#	ARTICLE	IF	CITATIONS
897	Pathomechanism and Management of Stroke in COVID-19: Review of Immunopathogenesis, Coagulopathy, Endothelial Dysfunction, and Downregulation of ACE2. Journal of Clinical Neurology		

#	ARTICLE	IF	CITATIONS
918	Zoonotic spillover: Understanding basic aspects for better prevention. <i>Genetics and Molecular Biology</i> , 2021, 44, e20200355.	0.6	60
919	A human cell-based SARS-CoV-2 vaccine elicits potent neutralizing antibody responses and protects mice from SARS-CoV-2 challenge. <i>Emerging Microbes and Infections</i> , 2021, 10, 1555-1573.	3.0	6
920	Generalized linear models provide a measure of virulence for specific mutations in SARS-CoV-2 strains. <i>PLoS ONE</i> , 2021, 16, e0238665.	1.1	23
921	Comparison of clinical manifestations, pre-existing comorbidities, complications and treatment modalities in severe and non-severe COVID-19 patients: A systemic review and meta-analysis. <i>Science Progress</i> , 2021, 104, 003685042110009.	1.0	21
922	Clinical and demographic characteristics of patients with coronavirus disease 2019 in Security Forces Hospital, Riyadh, Saudi Arabia. <i>Journal of Family Medicine and Primary Care</i> , 2021, 10, 947.	0.3	2
923	Medicinal chemistry strategies for discovering antivirals effective against drug-resistant viruses. <i>Chemical Society Reviews</i> , 2021, 50, 4514-4540.	18.7	84
924	D614G Mutation Alters SARS-CoV-2 Spike Conformation and Enhances Protease Cleavage at the S1/S2 Junction. <i>Cell Reports</i> , 2021, 34, 108630.	2.9	263
925	Special Features of Human Lung ACE2 Sensitivity to SARS-CoV-2 Spike Glycoprotein. , 2021, , 583-599.		0
926	Oral Healthcare Management of Children after COVID-19 Outbreak. <i>International Journal of Clinical Pediatric Dentistry</i> , 2021, 14, 293-297.	0.3	1
927	Molecular mechanism, diagnosis, and potential treatment for novel coronavirus (COVID-19): a current literature review and perspective. <i>3 Biotech</i> , 2021, 11, 94.	1.1	7
928	Short linear motif candidates in the cell entry system used by SARS-CoV-2 and their potential therapeutic implications. <i>Science Signaling</i> , 2021, 14, .	1.6	61
929	Genetic Variation and Evolution of the 2019 Novel Coronavirus. <i>Public Health Genomics</i> , 2021, 24, 54-66.	0.6	9
930	Rapid Development of SARS-CoV-2 Spike Protein Receptor-Binding Domain Self-Assembled Nanoparticle Vaccine Candidates. <i>ACS Nano</i> , 2021, 15, 2738-2752.	7.3	143
932	Global Health Security. , 2021, , 2315-2334.		0
933	Targeting Neurological Manifestations of Coronaviruses by Candidate Phytochemicals: A Mechanistic Approach. <i>Frontiers in Pharmacology</i> , 2020, 11, 621099.	1.6	21
934	Response by Endodontists to the SARS-CoV-2 (COVID-19) Pandemic: An International Survey. <i>Frontiers in Dental Medicine</i> , 2021, 1, .	0.5	5
935	Distinct antibody repertoires against endemic human coronaviruses in children and adults. <i>JCI Insight</i> , 2021, 6, .	2.3	40
936	NOVEL SARS-COV-2 PANDEMIC TRANSMISSION WITH ONGOING ANTIVIRAL THERAPIES AND VACCINE DESIGN. <i>Postepy Mikrobiologii</i> , 2021, 60, 13-20.	0.1	0

#	ARTICLE	IF	CITATIONS
937	Molecular docking analysis of azithromycin and hydroxychloroquine with spike surface glycoprotein of SARS-CoV-2. <i>Bioinformatics</i> , 2021, 17, 11-22.	0.2	6
938	Short-Term Variations in Neutrophil-to-Lymphocyte and Urea-to-Creatinine Ratios Anticipate Intensive Care Unit Admission of COVID-19 Patients in the Emergency Department. <i>Frontiers in Medicine</i> , 2020, 7, 625176.	1.2	21
939	Vitamin D regulation of the immune system and its implications for COVID-19: A mini review. <i>SAGE Open Medicine</i> , 2021, 9, 205031212110140.	0.7	31
940	Middle East Respiratory Syndrome Coronavirus Gene 5 Modulates Pathogenesis in Mice. <i>Journal of Virology</i> , 2021, 95, .	1.5	10
941	An Insight Into COVID-19: A 21st Century Disaster and Its Relation to Immunocompetence and Food Antioxidants. <i>Frontiers in Veterinary Science</i> , 2020, 7, 586637.	0.9	11
942	Topological Study of Hydroxychloroquine Conjugated Molecular Structure Used for Novel Coronavirus (COVID-19) Treatment. <i>Polycyclic Aromatic Compounds</i> , 0, , 1-17.	1.4	13
943	Zoonotic disease in the face of rapidly changing human-nature interactions in the Anthropocene. , 2021, , 17-24.		0
944	Lymphopenia as a Biological Predictor of Outcomes in COVID-19 Patients: A Nationwide Cohort Study. <i>Cancers</i> , 2021, 13, 471.	1.7	87
945	Nanomaterial-based drug delivery systems as promising carriers for patients with COVID-19. <i>RSC Advances</i> , 2021, 11, 26463-26480.	1.7	29
946	Lysine 164 is critical for SARS-CoV-2 Nsp1 inhibition of host gene expression. <i>Journal of General Virology</i> , 2021, 102, .	1.3	21
947	Rapid antibody diagnostics for SARS-CoV-2 adaptive immune response. <i>Analytical Methods</i> , 2021, 13, 4019-4037.	1.3	2
948	The Study of the Epidemiology and Clinical Features of the Novel Coronavirus (COVID-19). <i>Health Information Systems and the Advancement of Medical Practice in Developing Countries</i> , 2021, , 25-39.	0.1	7
949	SARS-CoV-2: vaccines in the pandemic era. <i>Military Medical Research</i> , 2021, 8, 1.	1.9	104
950	The Balance between Two Branches of RAS Can Protect from Severe COVID-19 Course. <i>Biochemistry (Moscow) Supplement Series A: Membrane and Cell Biology</i> , 2021, 15, 36-51.	0.3	2
951	Vascular Endothelial Damage: The Role of Syndecan-1 and Hyaluronan as Severity Indicators in COVID-19. <i>International Journal of Scientific Advances</i> , 2021, 2, .	0.0	0
953	TRPV2-spike protein interaction mediates the entry of SARS-CoV-2 into macrophages in febrile conditions. <i>Theranostics</i> , 2021, 11, 7379-7390.	4.6	11
954	COVID-19 and Seizures. , 2021, , 73-86.		0
955	Pathogenesis of extrapulmonary organ damage in SARS-CoV-2 coronavirus infection (analytical review). <i>Nephrology (Saint-Petersburg)</i> , 2021, 25, 18-26.	0.1	0

#	ARTICLE	IF	CITATIONS
956	Novel coronavirus (severe acute respiratory syndrome coronavirus 2) as threat to general and reproductive health: Challenges and research needs. , 0, 2, 19-25.		0
957	Spike S2 Subunit: The Dark Horse in the Race for Prophylactic and Therapeutic Interventions against SARS-CoV-2. Vaccines, 2021, 9, 178.	2.1	23
958	Insights of Severe Acute Respiratory Syndrome Coronavirus (SARS-CoV-2) pandemic: a current review. Biological Procedures Online, 2021, 23, 5.	1.4	20
959	Comparison Between Conventional Intervention and Non-immersive Virtual Reality in the Rehabilitation of Individuals in an Inpatient Unit for the Treatment of COVID-19: A Study Protocol for a Randomized Controlled Crossover Trial. Frontiers in Psychology, 2021, 12, 622618.	1.1	14
960	Clinical progression and outcomes of 260 patients with severe COVID-19: an observational study. Scientific Reports, 2021, 11, 3166.	1.6	12
961	Causal network models of SARS-CoV-2 expression and aging to identify candidates for drug repurposing. Nature Communications, 2021, 12, 1024.	5.8	39
962	Comprehensive inÂvivo secondary structure of the SARS-CoV-2 genome reveals novel regulatory motifs and mechanisms. Molecular Cell, 2021, 81, 584-598.e5.	4.5	198
963	Challenges for Targeting SARS-CoV-2 Proteases as a Therapeutic Strategy for COVID-19. ACS Infectious Diseases, 2021, 7, 1457-1468.	1.8	75
964	Berberine and Obatoclox Inhibit SARS-Cov-2 Replication in Primary Human Nasal Epithelial Cells In Vitro. Viruses, 2021, 13, 282.	1.5	50
965	COVID-19 patients with hypertension are at potential risk of worsened organ injury. Scientific Reports, 2021, 11, 3779.	1.6	12
966	Targeting Lipid Rafts as a Strategy Against Coronavirus. Frontiers in Cell and Developmental Biology, 2020, 8, 618296.	1.8	43
967	Plitidepsin has potent preclinical efficacy against SARS-CoV-2 by targeting the host protein eEF1A. Science, 2021, 371, 926-931.	6.0	247
969	COVID-19 Crisis Creates Opportunity towards Global Monitoring & Surveillance. Pathogens, 2021, 10, 256.	1.2	13
970	The COVID-19 Pandemic: an Appraisal of its Impact on Human Immunodeficiency Virus Infection and Pre-Eclampsia. Current Hypertension Reports, 2021, 23, 9.	1.5	10
971	ERAP1 and ERAP2 Enzymes: A Protective Shield for RAS against COVID-19?. International Journal of Molecular Sciences, 2021, 22, 1705.	1.8	19
972	Evaluation of Childhood COVID-19 Cases: A Retrospective Analysis. Journal of Pediatric Infectious Diseases, 2021, 16, 091-098.	0.1	3
974	Clinical features, diagnosis, and outcomes of multisystem inflammatory syndrome in children associated with coronavirus disease 2019. Clinical and Experimental Pediatrics, 2021, 64, 68-75.	0.9	57
975	Knowledge, attitude and practice of the Sudanese people towards COVID-19: an online survey. BMC Public Health, 2021, 21, 274.	1.2	26

#	ARTICLE	IF	CITATIONS
976	Recent Advances on Nanomaterials to COVID-19 Management: A Systematic Review on Antiviral/Virucidal Agents and Mechanisms of SARS-CoV-2 Inhibition/Inactivation. <i>Global Challenges</i> , 2021, 5, 2000115.	1.8	47
978	Update in Viral Infections in the Intensive Care Unit. <i>Frontiers in Medicine</i> , 2021, 8, 575580.	1.2	14
980	Microglia Fighting for Neurological and Mental Health: On the Central Nervous System Frontline of COVID-19 Pandemic. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 647378.	1.8	27
981	Differentially conserved amino acid positions may reflect differences in SARS-CoV-2 and SARS-CoV behaviour. <i>Bioinformatics</i> , 2021, 37, 2282-2288.	1.8	9
982	Mosaic nanoparticles elicit cross-reactive immune responses to zoonotic coronaviruses in mice. <i>Science</i> , 2021, 371, 735-741.	6.0	305
983	Impact on elective ophthalmic surgery caused by the COVID-19 pandemic after the lockdown at the Clinical Institute of Ophthalmology of the Hospital Clinic de Barcelona. <i>Archivos De La Sociedad Espanola De Oftalmologia</i> , 2021, 96, 397-398.	0.1	0
985	Perspectives for immune plasma treatment of COVID-19. <i>Turkish Journal of Medical Sciences</i> , 2021, 51, 1-9.	0.4	4
986	SARS-CoV-2, Covid-19, and the debunking of conspiracy theories. <i>Reviews in Medical Virology</i> , 2021, 31, e2222.	3.9	35
987	Hospitalization and mortality associated with SARS-CoV-2 viral clades in COVID-19. <i>Scientific Reports</i> , 2021, 11, 4802.	1.6	55
988	Angiotensin-Converting-Enzyme 2 and Renin-Angiotensin System Inhibitors in COVID-19: An Update. <i>High Blood Pressure and Cardiovascular Prevention</i> , 2021, 28, 129-139.	1.0	41
989	Persistence of Pathogens on Inanimate Surfaces: A Narrative Review. <i>Microorganisms</i> , 2021, 9, 343.	1.6	77
990	COVID-19: Immunology, Immunopathogenesis and Potential Therapies. <i>International Reviews of Immunology</i> , 2022, 41, 171-206.	1.5	30
991	A <i>Sarcina</i> bacterium linked to lethal disease in sanctuary chimpanzees in Sierra Leone. <i>Nature Communications</i> , 2021, 12, 763.	5.8	17
992	Potential Efficacy of Nutrient Supplements for Treatment or Prevention of COVID-19. <i>Journal of Dietary Supplements</i> , 2022, 19, 336-365.	1.4	13
993	Immunopathogenesis and perspectives for immunotherapy of coronavirus infection. <i>HIV Infection and Immunosuppressive Disorders</i> , 2021, 12, 7-22.	0.1	2
994	Obesidade e infecção por SARS-CoV-2: papel da metainflamação. <i>HU Revista</i> , 0, 46, 1-16.	0.3	0
995	Severe acute respiratory syndrome coronavirus 2 for physicians: Molecular characteristics and host immunity (Review). <i>Molecular Medicine Reports</i> , 2021, 23, .	1.1	6
996	SARS-CoV-2, SARS and MERS: Three formidable coronaviruses which have originated from bats. <i>Postepy Higieny I Medycyny Doswiadczalnej</i> , 2021, 75, 91-100.	0.1	0

#	ARTICLE	IF	CITATIONS
997	Overview of the User Experience for Snorkeling Mask Designs during the COVID-19 Pandemic. <i>Healthcare (Switzerland)</i> , 2021, 9, 204.	1.0	10
998	Neurobiology of COVID-19: how can the virus affect the brain?. <i>Revista Brasileira De Psiquiatria</i> , 2021, 43, 650-664.	0.9	31
999	A drug repurposing screen identifies hepatitis C antivirals as inhibitors of the SARS-CoV2 main protease. <i>PLoS ONE</i> , 2021, 16, e0245962.	1.1	43
1000	Is there possibility of vertical transmission of COVID-19: a systematic review. <i>Translational Pediatrics</i> , 2021, 10, 423-434.	0.5	33
1001	Immunomodulatory Effects of Azithromycin Revisited: Potential Applications to COVID-19. <i>Frontiers in Immunology</i> , 2021, 12, 574425.	2.2	38
1002	COVID-19 pandemic and transfusion medicine: the worldwide challenge and its implications. <i>Annals of Hematology</i> , 2021, 100, 1115-1122.	0.8	20
1003	Healthcare worker protection against epidemic viral respiratory disease. <i>Postgraduate Medical Journal</i> , 2022, 98, 131-137.	0.9	1
1004	Development of A MERS-CoV Replicon Cell Line for Antiviral Screening. <i>Virologica Sinica</i> , 2021, 36, 730-735.	1.2	4
1005	Repurposing drugs and identification of inhibitors of integral proteins (spike protein and main) Tj ETQqO 0 0 rgBT /Qverlock 10,Tf 50 422	2.0	22
1006	Localized and Systemic Immune Responses against SARS-CoV-2 Following Mucosal Immunization. <i>Vaccines</i> , 2021, 9, 132.	2.1	24
1007	Targeting inflammatory cytokine storm to fight against COVID-19 associated severe complications. <i>Life Sciences</i> , 2021, 267, 118923.	2.0	28
1008	Fluoxetine Can Inhibit SARS-CoV-2 In Vitro. <i>Microorganisms</i> , 2021, 9, 339.	1.6	36
1009	Silence of the Lambs: The Immunological and Molecular Mechanisms of COVID-19 in Children in Comparison with Adults. <i>Microorganisms</i> , 2021, 9, 330.	1.6	11
1010	Effect of the COVID-19 pandemic on anxiety, depression, hopelessness, and sleepiness levels of obstetricians and gynecologists in Turkey. <i>Journal of Clinical Medicine of Kazakhstan</i> , 2021, 18, 14-19.	0.1	3
1011	Murine-Î2-coronavirus-induced neuropathogenesis sheds light on CNS pathobiology of SARS-CoV2. <i>Journal of NeuroVirology</i> , 2021, 27, 197-216.	1.0	11
1012	Comparative Genomics Reveals Early Emergence and Biased Spatiotemporal Distribution of SARS-CoV-2. <i>Molecular Biology and Evolution</i> , 2021, 38, 2547-2565.	3.5	31
1013	Promising phytochemicals of traditional Indian herbal steam inhalation therapy to combat COVID-19 â€“ An in silico study. <i>Food and Chemical Toxicology</i> , 2021, 148, 111966.	1.8	44
1014	Silver nanoparticles as a potential treatment against <scp>SARSâ€CoV</scp>â€2: A review. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2021, 13, e1707.	3.3	50

#	ARTICLE	IF	CITATIONS
1017	Ca ²⁺ -dependent mechanism of membrane insertion and destabilization by the SARS-CoV-2 fusion peptide. <i>Biophysical Journal</i> , 2021, 120, 1105-1119.	0.2	53
1018	Cellular and Humoral Immune Responses in Covid-19 and Immunotherapeutic Approaches. <i>ImmunoTargets and Therapy</i> , 2021, Volume 10, 63-85.	2.7	40
1020	Diagnostic Value of IgM and IgG Detection in COVID-19 Diagnosis by the Mobile Laboratory B-LiFE: A Massive Testing Strategy in the Piedmont Region. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 3372.	1.2	3
1021	Immune Memory in Mild COVID-19 Patients and Unexposed Donors Reveals Persistent T Cell Responses After SARS-CoV-2 Infection. <i>Frontiers in Immunology</i> , 2021, 12, 636768.	2.2	41
1022	Covid-19 pathogenesis in prostatic cancer and TMPRSS2-ERG regulatory genetic pathway. <i>Infection, Genetics and Evolution</i> , 2021, 88, 104669.	1.0	9
1023	Current status and future of delivery systems for prevention and treatment of infections in the oral cavity. <i>Drug Delivery and Translational Research</i> , 2021, 11, 1703-1734.	3.0	14
1024	Lactiplantibacillus plantarum as a Potential Adjuvant and Delivery System for the Development of SARS-CoV-2 Oral Vaccines. <i>Microorganisms</i> , 2021, 9, 683.	1.6	25
1025	Single-cell longitudinal analysis of SARS-CoV-2 infection in human airway epithelium identifies target cells, alterations in gene expression, and cell state changes. <i>PLoS Biology</i> , 2021, 19, e3001143.	2.6	180
1026	Comprehensive Virtual Screening of the Antiviral Potentialities of Marine Polycyclic Guanidine Alkaloids against SARS-CoV-2 (COVID-19). <i>Biomolecules</i> , 2021, 11, 460.	1.8	65
1027	Gut-Lung Axis in COVID-19. <i>Interdisciplinary Perspectives on Infectious Diseases</i> , 2021, 2021, 1-6.	0.6	26
1028	Optimal COVID-19 infection spread under low temperature, dry air, and low UV radiation. <i>New Journal of Physics</i> , 2021, 23, 033044.	1.2	3
1030	Mathematical modelling of the COVID-19 pandemic with demographic effects. <i>Journal of the Egyptian Mathematical Society</i> , 2021, 29, .	0.6	4
1031	Entropy Based Biological Sequence Study. , 0, , .		0
1033	Advanced microscopy technologies enable rapid response to SARS-CoV-2 pandemic. <i>Cellular Microbiology</i> , 2021, 23, e13319.	1.1	7
1036	Level up for culture models - How 3D cell culture models benefit SARS-CoV-2 research. <i>Biomedical Journal</i> , 2021, 44, 1-6.	1.4	3
1037	Potential inhibitors interacting in Neuropilin-1 to develop an adjuvant drug against COVID-19, by molecular docking. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 33, 116040.	1.4	24
1038	Pharmacoinformatics approach based identification of potential Nsp15 endoribonuclease modulators for SARS-CoV-2 inhibition. <i>Archives of Biochemistry and Biophysics</i> , 2021, 700, 108771.	1.4	15
1039	COVID-19 into Chemical Science Perspective: Chemical Preventive Measures and Drug Development. <i>ChemistrySelect</i> , 2021, 6, 2010-2028.	0.7	6

#	ARTICLE	IF	CITATIONS
1040	Frequent and Persistent Salivary Gland Ectasia and Oral Disease After COVID-19. <i>Journal of Dental Research</i> , 2021, 100, 464-471.	2.5	57
1041	Generation and Characterization of Recombinant SARS-CoV-2 Expressing Reporter Genes. <i>Journal of Virology</i> , 2021, 95, .	1.5	37
1042	CBS-Mekâṅnsal epidemiyoloji ÅserÅşvesinde SARS CoV-2 (COVID-19). <i>Pamukkale Medical Journal</i> , 0, , .	0.2	0
1043	Ferritin is associated with the severity of lung involvement but not with worse prognosis in patients with COVID-19: data from two Italian COVID-19 units. <i>Scientific Reports</i> , 2021, 11, 4863.	1.6	73
1044	A Rapid and Efficient Screening System for Neutralizing Antibodies and Its Application for SARS-CoV-2. <i>Frontiers in Immunology</i> , 2021, 12, 653189.	2.2	20
1045	Biostructural Models for the Binding of Nucleoside Analogs to SARS-CoV-2 RNA-Dependent RNA Polymerase. <i>Journal of Chemical Information and Modeling</i> , 2021, 61, 1402-1411.	2.5	6
1046	Extra-pulmonary complications of 45 critically ill patients with COVID-19 in Yichang, Hubei province, China. <i>Medicine (United States)</i> , 2021, 100, e24604.	0.4	6
1047	SARS-CoV-2 hijacks folate and one-carbon metabolism for viral replication. <i>Nature Communications</i> , 2021, 12, 1676.	5.8	102
1048	OverCOVID: an integrative web portal for SARS-CoV-2 bioinformatics resources. <i>Journal of Integrative Bioinformatics</i> , 2021, 18, 9-17.	1.0	11
1050	Targeting novel structural and functional features of coronavirus protease nsp5 (3CLpro, Mpro) in the age of COVID-19. <i>Journal of General Virology</i> , 2021, 102, .	1.3	60
1051	The emerging role of probiotics as a mitigation strategy against coronavirus disease 2019 (COVID-19). <i>Archives of Virology</i> , 2021, 166, 1819-1840.	0.9	34
1052	Slaying SARS-CoV-2 One (Single-domain) Antibody at a Time. <i>Trends in Microbiology</i> , 2021, 29, 195-203.	3.5	21
1053	Large-scale screening to distinguish between COVID-19 and community-acquired pneumonia using infection size-aware classification. <i>Physics in Medicine and Biology</i> , 2021, 66, 065031.	1.6	233
1054	Phenanthridine Derivative Host Heat Shock Cognate 70 Down-Regulators as Porcine Epidemic Diarrhea Virus Inhibitors. <i>Journal of Natural Products</i> , 2021, 84, 1175-1184.	1.5	10
1055	An Overview of a Year with COVID-19: What We Know?. <i>Electronic Journal of General Medicine</i> , 2021, 18, em286.	0.3	2
1056	Pandemic preparedness and the role of infection prevention and control â€“ how do we learn?. <i>Journal of Infection Prevention</i> , 2021, 22, 55-57.	0.5	4
1057	Can other coronavirus infections cause a cryptogenic stroke in a young patient?. <i>BMJ Case Reports</i> , 2021, 14, e239113.	0.2	0
1058	An Overview of Current Knowledge of Deadly CoVs and Their Interface with Innate Immunity. <i>Viruses</i> , 2021, 13, 560.	1.5	15

#	ARTICLE	IF	CITATIONS
1059	A Call for One Health in Medical Education: How the COVID-19 Pandemic Underscores the Need to Integrate Human, Animal, and Environmental Health. <i>Academic Medicine</i> , 2021, 96, 951-953.	0.8	16
1060	Transnasal endoscopic skull base surgery in the COVID-19 era: Recommendations for increasing the safety of the method. <i>Advances in Medical Sciences</i> , 2021, 66, 221-230.	0.9	10
1061	The Comparison of SARS-CoV-2, SARS-CoV, and MERS-CoV Genome and Spike Protein Variations. <i>Jurnal Riset Biologi Dan Aplikasinya</i> , 2021, 3, 38.	0.3	0
1062	Rapid transmission of SARS-2 among Individuals - A Mini Review. <i>Pakistan Journal of Surgery and Medicine</i> , 2021, 1, e300.	0.4	0
1063	Potential Anti-Coronavirus Agents and the Pharmacologic Mechanisms. <i>Drug Design, Development and Therapy</i> , 2021, Volume 15, 1213-1223.	2.0	5
1064	Multilayer Neural Network Design for the Calculation of Risk Factor Associated with COVID-19. <i>Augmented Human Research</i> , 2021, 6, 1.	3.5	1
1066	LDH, CRP and ALB predict nucleic acid turn negative within 14 days in symptomatic patients with COVID-19. <i>Scottish Medical Journal</i> , 2021, 66, 108-114.	0.7	11
1067	The most important biomarker associated with coagulation and inflammation among COVID-19 patients. <i>Molecular and Cellular Biochemistry</i> , 2021, 476, 2877-2885.	1.4	38
1068	Taming of Covid-19: potential and emerging application of mesenchymal stem cells. <i>Cytotechnology</i> , 2021, 73, 253-298.	0.7	2
1070	Hydroxychloroquine Effects on TLR Signalling: Underexposed but Unneglectable in COVID-19. <i>Journal of Immunology Research</i> , 2021, 2021, 1-7.	0.9	4
1071	Application of Nanobiotechnology for Early Diagnosis of SARS-CoV-2 Infection in the COVID-19 Pandemic. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 2615-2624.	1.7	20
1072	Network Analysis and Transcriptome Profiling Identify Autophagic and Mitochondrial Dysfunctions in SARS-CoV-2 Infection. <i>Frontiers in Genetics</i> , 2021, 12, 599261.	1.1	64
1073	Remote ischemic conditioning for acute respiratory distress syndrome in COVID-19. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021, 320, L331-L338.	1.3	1
1074	Epidemiology of coronaviruses, genetics, vaccines, and scenario of current pandemic of coronavirus diseases 2019 (COVID-19): a fuzzy set approach. <i>Human Vaccines and Immunotherapeutics</i> , 2021, 17, 1296-1303.	1.4	4
1075	Immunoinformatics-guided designing and in silico analysis of epitope-based polyvalent vaccines against multiple strains of human coronavirus (HCoV). <i>Expert Review of Vaccines</i> , 2022, 21, 1851-1871.	2.0	16
1076	Coronavirus Endoribonuclease Ensures Efficient Viral Replication and Prevents Protein Kinase R Activation. <i>Journal of Virology</i> , 2021, 95, .	1.5	25
1077	COVID-19 and cancer registries: learning from the first peak of the SARS-CoV-2 pandemic. <i>British Journal of Cancer</i> , 2021, 124, 1777-1784.	2.9	41
1078	In silico investigation of critical binding pattern in SARS-CoV-2 spike protein with angiotensin-converting enzyme 2. <i>Scientific Reports</i> , 2021, 11, 6927.	1.6	41

#	ARTICLE	IF	CITATIONS
1079	Morality traits for an ideal nurse manager: A multicentre cross-sectional study. <i>Journal of Nursing Management</i> , 2021, 29, 1465-1475.	1.4	0
1080	Type 2 Diabetes Mellitus and COVID-19: A Narrative Review. <i>Frontiers in Endocrinology</i> , 2021, 12, 609470.	1.5	61
1081	An overview of Betacoronaviruses-associated severe respiratory syndromes, focusing on sex-type-specific immune responses. <i>International Immunopharmacology</i> , 2021, 92, 107365.	1.7	12
1082	Viral genomic, metagenomic and human transcriptomic characterization and prediction of the clinical forms of COVID-19. <i>PLoS Pathogens</i> , 2021, 17, e1009416.	2.1	30
1083	Bidirectional link between diabetes mellitus and coronavirus disease 2019 leading to cardiovascular disease: A narrative review. <i>World Journal of Diabetes</i> , 2021, 12, 215-237.	1.3	34
1084	Study on the decay characteristics and transmission risk of respiratory viruses on the surface of objects. <i>Environmental Research</i> , 2021, 194, 110716.	3.7	11
1085	How Cooperative Engagement Programs Strengthen Sequencing Capabilities for Biosurveillance and Outbreak Response. <i>Frontiers in Public Health</i> , 2021, 9, 648424.	1.3	4
1087	Rapid determination of remdesivir (SARS-CoV-2 drug) in human plasma for therapeutic drug monitoring in COVID-19-Patients. <i>Process Biochemistry</i> , 2021, 102, 150-156.	1.8	35
1088	Drug design and repurposing with DockThor-VS web server focusing on SARS-CoV-2 therapeutic targets and their non-synonym variants. <i>Scientific Reports</i> , 2021, 11, 5543.	1.6	63
1089	Concomitant use of dexamethasone and tetracyclines: a potential therapeutic option for the management of severe COVID-19 infection?. <i>Expert Review of Clinical Pharmacology</i> , 2021, 14, 315-322.	1.3	3
1090	COVID-19 Vaccine Candidates Based on Modified Vaccinia Virus Ankara Expressing the SARS-CoV-2 Spike Protein Induce Robust T- and B-Cell Immune Responses and Full Efficacy in Mice. <i>Journal of Virology</i> , 2021, 95, .	1.5	78
1091	Knowing and combating the enemy: a brief review on SARS-CoV-2 and computational approaches applied to the discovery of drug candidates. <i>Bioscience Reports</i> , 2021, 41, .	1.1	16
1092	Mesenchymal Stem Cell-Derived Exosomes Exhibit Promising Potential for Treating SARS-CoV-2-Infected Patients. <i>Cells</i> , 2021, 10, 587.	1.8	34
1093	The Impact of Vitamin D Level on COVID-19 Infection: Systematic Review and Meta-Analysis. <i>Frontiers in Public Health</i> , 2021, 9, 624559.	1.3	94
1094	Beyond knowledge: Evaluating the practices and precautionary measures towards COVID-19 amongst medical doctors in Jordan. <i>International Journal of Clinical Practice</i> , 2021, 75, e14122.	0.8	24
1095	In the eye of the storm: SARS-CoV-2 infection and replication at the ocular surface?. <i>Stem Cells Translational Medicine</i> , 2021, 10, 976-986.	1.6	28
1096	SARS-CoV-2 and Coronavirus Ancestors under a Molecular Scope. , 0, , .		0
1097	Design and identification of novel annomontine analogues against SARS-CoV-2: An in-silico approach. <i>Heliyon</i> , 2021, 7, e06657.	1.4	7

#	ARTICLE	IF	CITATIONS
1098	Inflammation, immunity and potential target therapy of SARS-COV-2: A total scale analysis review. Food and Chemical Toxicology, 2021, 150, 112087.	1.8	17
1100	Fluid and Electrolyte Disturbances in COVID-19 and Their Complications. BioMed Research International, 2021, 2021, 1-5.	0.9	35
1101	The SARS-CoV-2 and other human coronavirus spike proteins are fine-tuned towards temperature and proteases of the human airways. PLoS Pathogens, 2021, 17, e1009500.	2.1	91
1102	Current diagnostic and therapeutic strategies for COVID-19. Journal of Pharmaceutical Analysis, 2021, 11, 129-137.	2.4	11
1103	Drug repurposing screens reveal cell-type-specific entry pathways and FDA-approved drugs active against SARS-Cov-2. Cell Reports, 2021, 35, 108959.	2.9	176
1104	Pyrrolo[2,3-b]quinoxalines in attenuating cytokine storm in COVID-19: their sonochemical synthesis and in silico / in vitro assessment. Journal of Molecular Structure, 2021, 1230, 129868.	1.8	28
1105	Epidemiology and pathobiology of SARS-CoV-2 (COVID-19) in comparison with SARS, MERS: An updated overview of current knowledge and future perspectives. Clinical Epidemiology and Global Health, 2021, 10, 100694.	0.9	78
1106	Codon usage analysis of zoonotic coronaviruses reveals lower adaptation to humans by SARS-CoV-2. Infection, Genetics and Evolution, 2021, 89, 104736.	1.0	13
1107	Anticipating a Post COVID-19 World and the Pivotal Role of Science and Technology. Coronaviruses, 2021, 2, 275-277.	0.2	0
1109	Current updates on adaptive immune response by B cell and T cell stimulation and therapeutic strategies for novel coronavirus disease 2019 (COVID-19) treatment. Heliyon, 2021, 7, e06894.	1.4	4
1110	Characterization of respiratory microbial dysbiosis in hospitalized COVID-19 patients. Cell Discovery, 2021, 7, 23.	3.1	34
1111	COVID-19 immunity and vaccines: what a pharmacist needs to know. Asian Biomedicine, 2021, 15, 51-67.	0.2	0
1112	Manipulation of genes could inhibit SARS-CoV-2 infection that causes COVID-19 pandemics. Experimental Biology and Medicine, 2021, 246, 1643-1649.	1.1	7
1113	Managing Lung Cancer during Coronavirus Disease 2019 Pandemic. Turkish Thoracic Journal, 2021, 22, 163-168.	0.2	1
1114	The taxonomy, host range and pathogenicity of coronaviruses and other viruses in the Nidovirales order. Animal Diseases, 2021, 1, 5.	0.6	67
1116	Comparison of Clinical Features and CT Temporal Changes Between Familial Clusters and Non-familial Patients With COVID-19 Pneumonia. Frontiers in Medicine, 2021, 8, 630802.	1.2	2
1117	High-throughput screening identifies established drugs as SARS-CoV-2 PLpro inhibitors. Protein and Cell, 2021, 12, 877-888.	4.8	95
1118	Clinical features in coronavirus disease 2019 (COVID-19) patients with early clearance and prolonged shedding of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) RNA. Annals of Translational Medicine, 2021, 9, 665-665.	0.7	16

#	ARTICLE	IF	CITATIONS
1119	PRINCIPAIS ASPECTOS DO NOVO CORONAVÍRUS SARS-CoV-2: UMA AMPLA REVISÃO. Arquivos Do Mudi, 2021, 25, 73-90.	0.1	0
1120	Rapid Acquisition of High-Quality SARS-CoV-2 Genome via Amplicon-Oxford Nanopore Sequencing. Virologica Sinica, 2021, 36, 901-912.	1.2	18
1121	Coronavirus disease-19: The multi-level, multi-faceted vasculopathy. Atherosclerosis, 2021, 322, 39-50.	0.4	32
1122	Clinical, sinonasal, and long-term smell and taste outcomes in mildly symptomatic COVID-19 patients. International Journal of Clinical Practice, 2021, 75, e14260.	0.8	10
1123	The use of aspirin for primary prevention of cardiovascular disease is associated with a lower likelihood of COVID-19 infection. FEBS Journal, 2021, 288, 5179-5189.	2.2	38
1124	Dual Modulators of Selected Plant Secondary Metabolites Targeting COVID-19 Main Protease and Interleukin-2: An In-Silico Approach based Novel Hypothesis. Coronaviruses, 2021, 2, 223-234.	0.2	1
1125	Prediction of confirmed cases of and deaths caused by COVID-19 in Chile through time series techniques: A comparative study. PLoS ONE, 2021, 16, e0245414.	1.1	14
1126	Peripartum Covid-19 Pneumonia with Severe ARDS – A Case Report. Zeitschrift Fur Geburtshilfe Und Neonatologie, 2021, 225, 183-187.	0.2	1
1128	Neuropathophysiology of coronavirus disease 2019: neuroinflammation and blood brain barrier disruption are critical pathophysiological processes that contribute to the clinical symptoms of SARS-CoV-2 infection. Inflammopharmacology, 2021, 29, 939-963.	1.9	42
1129	SARS-CoV-2 infection: The role of PD-1/PD-L1 and CTLA-4 axis. Life Sciences, 2021, 270, 119124.	2.0	57
1130	Treatment profiles and clinical outcomes of COVID-19 patients at private hospital in Jakarta. PLoS ONE, 2021, 16, e0250147.	1.1	23
1131	Integrated Bioinformatics Analysis for the Screening of Associated Pathways and Therapeutic Drugs in Coronavirus Disease 2019. Archives of Medical Research, 2021, 52, 304-310.	1.5	4
1132	A review on the immune responses against novel emerging coronavirus (SARS-CoV-2). Immunologic Research, 2021, 69, 213-224.	1.3	27
1133	Prediction of COVID-19 cases using the weather integrated deep learning approach for India. Transboundary and Emerging Diseases, 2022, 69, 1349-1363.	1.3	17
1134	T Helper 17 Response to Severe Acute Respiratory Syndrome Coronavirus 2: A Type of Immune Response with Possible Therapeutic Implications. Viral Immunology, 2021, 34, 190-200.	0.6	11
1135	In silico comparative analysis of SARS-CoV-2 Nucleocapsid (N) protein using bioinformatics tools. Frontiers in Life Sciences and Related Technologies, 2021, 2, 1-9.	0.4	4
1136	Nano-Enabled COVID-19 Vaccines: Meeting the Challenges of Durable Antibody Plus Cellular Immunity and Immune Escape. ACS Nano, 2021, 15, 5793-5818.	7.3	32
1138	Clinical and economic constituents of the application of dexamethasone and tocilizumab in the therapy for severe conditions in patients with COVID-19. Farmakoekonomika, 2021, 14, 16-27.	0.4	1

#	ARTICLE	IF	CITATIONS
1139	Lipid homeostasis and mevalonate pathway in COVID-19: Basic concepts and potential therapeutic targets. <i>Progress in Lipid Research</i> , 2021, 82, 101099.	5.3	24
1140	CRISPR-Cas systems for diagnosing infectious diseases. <i>Methods</i> , 2022, 203, 431-446.	1.9	60
1141	The pro-inflammatory cytokines in COVID-19 pathogenesis: What goes wrong?. <i>Microbial Pathogenesis</i> , 2021, 153, 104799.	1.3	196
1142	SARS-CoV-2 mediated neuroinflammation and the impact of COVID-19 in neurological disorders. <i>Cytokine and Growth Factor Reviews</i> , 2021, 58, 1-15.	3.2	84
1143	The Novel Coronavirus (COVID-19) Pandemic and the Response in Low-to-Middle Income Countries. <i>Current Breast Cancer Reports</i> , 2021, 13, 63-68.	0.5	7
1145	Mutational heterogeneity in spike glycoproteins of severe acute respiratory syndrome coronavirus 2. <i>3 Biotech</i> , 2021, 11, 236.	1.1	1
1146	Clinical features and predictors of severity in COVID-19 patients with critical illness in Singapore. <i>Scientific Reports</i> , 2021, 11, 7477.	1.6	16
1148	Role of interferon therapy in severe COVID-19: the COVIFERON randomized controlled trial. <i>Scientific Reports</i> , 2021, 11, 8059.	1.6	99
1149	Immunology, immunopathogenesis and immunotherapeutics of COVID-19; an overview. <i>International Immunopharmacology</i> , 2021, 93, 107364.	1.7	54
1150	Ultramicronized Palmitoylethanolamide (um-PEA): A New Possible Adjuvant Treatment in COVID-19 patients. <i>Pharmaceuticals</i> , 2021, 14, 336.	1.7	21
1152	Exploring compassionate managerial leadership style in reducing employee stress level during COVID-19 crisis: the case of Nigeria. <i>Employee Relations</i> , 2021, 43, 1362-1381.	1.5	31
1153	A Review on Catastrophic Evolution of SARS-CoV to SARS-CoV2: A Global Pandemic. <i>Coronaviruses</i> , 2021, 2, .	0.2	0
1154	When Fluorescent Sensing Meets Electrochemical Amplifying: A Powerful Platform for Gene Detection with High Sensitivity and Specificity. <i>Analytical Chemistry</i> , 2021, 93, 7781-7786.	3.2	11
1156	DPP-4 inhibitors may improve the mortality of coronavirus disease 2019: A meta-analysis. <i>PLoS ONE</i> , 2021, 16, e0251916.	1.1	43
1157	Proteolytic enzyme and adiponectin receptors as potential targets for COVID-19 therapy. <i>Cardiovascular Therapy and Prevention (Russian Federation)</i> , 2021, 20, 2791.	0.4	1
1158	Case of severe liver damage in COVID-19. <i>Meditinskiy Sovet</i> , 2021, , 84-91.	0.1	3
1159	Human-Based Advanced in vitro Approaches to Investigate Lung Fibrosis and Pulmonary Effects of COVID-19. <i>Frontiers in Medicine</i> , 2021, 8, 644678.	1.2	31
1160	Influenza Virus and SARS-CoV-2 Vaccines. <i>Journal of Immunology</i> , 2021, 206, 2509-2520.	0.4	11

#	ARTICLE	IF	CITATIONS
1161	COVID-19 Severity Potentially Modulated by Cardiovascular-Disease-Associated Immune Dysregulation. <i>Viruses</i> , 2021, 13, 1018.	1.5	9
1162	A cross-sectional pilot study on COVID-19 disease pattern, recovery status and effect of co-morbidities in Bangladesh. <i>African Journal of Pharmacy and Pharmacology</i> , 2021, 15, 84-91.	0.2	2
1163	The Constant Threat of Zoonotic and Vector-Borne Emerging Tropical Diseases: Living on the Edge. <i>Frontiers in Tropical Diseases</i> , 2021, 2, 676905.	0.5	13
1164	The Molecular Basis of COVID-19 Pathogenesis, Conventional and Nanomedicine Therapy. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5438.	1.8	22
1165	Experimental and natural evidence of SARS-CoV-2-infection-induced activation of type I interferon responses. <i>IScience</i> , 2021, 24, 102477.	1.9	49
1166	Estimation of novel coronavirus (<scp>COVID</scp>â€19) reproduction number and case fatality rate: A systematic review and metaâ€analysis. <i>Health Science Reports</i> , 2021, 4, e274.	0.6	37
1167	A single subcutaneous or intranasal immunization with adenovirusâ€based SARSâ€CoVâ€2 vaccine induces robust humoral and cellular immune responses in mice. <i>European Journal of Immunology</i> , 2021, 51, 1774-1784.	1.6	30
1168	Internet of medical things (IoMT)-integrated biosensors for point-of-care testing of infectious diseases. <i>Biosensors and Bioelectronics</i> , 2021, 179, 113074.	5.3	203
1169	Characterization of an attenuated SARS-CoV-2 variant with a deletion at the S1/S2 junction of the spike protein. <i>Nature Communications</i> , 2021, 12, 2790.	5.8	26
1170	Discovery of novel inhibitors against main protease (Mpro) of SARS-CoV-2 via virtual screening and biochemical evaluation. <i>Bioorganic Chemistry</i> , 2021, 110, 104767.	2.0	21
1171	Histopathological findings and clinicopathologic correlation in COVID-19: a systematic review. <i>Modern Pathology</i> , 2021, 34, 1614-1633.	2.9	84
1172	Immunological analysis of the murine antiâ€CD3â€induced cytokine release syndrome model and therapeutic efficacy of antiâ€cytokine antibodies. <i>European Journal of Immunology</i> , 2021, 51, 2074-2085.	1.6	11
1173	Strategy, Progress, and Challenges of Drug Repurposing for Efficient Antiviral Discovery. <i>Frontiers in Pharmacology</i> , 2021, 12, 660710.	1.6	15
1174	Fat-Soluble Vitamins and the Current Global Pandemic of COVID-19: Evidence-Based Efficacy from Literature Review. <i>Journal of Inflammation Research</i> , 2021, Volume 14, 2091-2110.	1.6	14
1175	Smell disorders associated with COVID-19 infection. <i>The Egyptian Journal of Otolaryngology</i> , 2021, 37, .	0.1	4
1176	Reverse-transcribed SARS-CoV-2 RNA can integrate into the genome of cultured human cells and can be expressed in patient-derived tissues. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	175
1177	Appraisals of the Bangladeshi Medicinal Plant <i>Calotropis gigantea</i> Used by Folk Medicine Practitioners in the Management of COVID-19: A Biochemical and Computational Approach. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 625391.	1.6	22
1178	SARS-CoV-2 infects human adult donor eyes and hESC-derived ocular epithelium. <i>Cell Stem Cell</i> , 2021, 28, 1205-1220.e7.	5.2	44

#	ARTICLE	IF	CITATIONS
1179	SARS-CoV-2 Fusion Peptide has a Greater Membrane Perturbating Effect than SARS-CoV with Highly Specific Dependence on Ca ²⁺ . <i>Journal of Molecular Biology</i> , 2021, 433, 166946.	2.0	54
1180	Targeting Multiple Signal Transduction Pathways of SARS-CoV-2: Approaches to COVID-19 Therapeutic Candidates. <i>Molecules</i> , 2021, 26, 2917.	1.7	13
1181	Cryo-electron Microscopy Structure of S-Trimer, a Subunit Vaccine Candidate for COVID-19. <i>Journal of Virology</i> , 2021, 95, .	1.5	27
1182	Monitoring Symptoms of Infectious Diseases: Perspectives for Printed Wearable Sensors. <i>Micromachines</i> , 2021, 12, 620.	1.4	12
1184	New Approaches and Repurposed Antiviral Drugs for the Treatment of the SARS-CoV-2 Infection. <i>Pharmaceuticals</i> , 2021, 14, 503.	1.7	6
1185	The human pandemic coronaviruses on the show: The spike glycoprotein as the main actor in the coronaviruses play. <i>International Journal of Biological Macromolecules</i> , 2021, 179, 1-19.	3.6	17
1186	Positive Epstein-Barr virus detection in coronavirus disease 2019 (COVID-19) patients. <i>Scientific Reports</i> , 2021, 11, 10902.	1.6	83
1187	Air-Liquid Interface Cultures of the Healthy and Diseased Human Respiratory Tract: Promises, Challenges, and Future Directions. <i>Advanced NanoBiomed Research</i> , 2021, 1, 2000111.	1.7	47
1188	Storm at the Time of Corona: A Glimpse at the Current Understanding and Therapeutic Opportunities of the SARS-CoV-2 Cytokine Storm. <i>Current Pharmaceutical Design</i> , 2021, 27, 1549-1552.	0.9	9
1189	Phase 1 randomized trial of a plant-derived virus-like particle vaccine for COVID-19. <i>Nature Medicine</i> , 2021, 27, 1071-1078.	15.2	206
1191	Covid-19: Urgent Call to Action. <i>Anti-Inflammatory and Anti-Allergy Agents in Medicinal Chemistry</i> , 2021, 20, 118-122.	1.1	3
1196	Structural Basis for the Understanding of Entry Inhibitors against SARS Viruses. <i>Current Medicinal Chemistry</i> , 2022, 29, 666-681.	1.2	2
1197	Patents Related to Pathogenic Human Coronaviruses. <i>Recent Patents on Biotechnology</i> , 2021, 15, 12-24.	0.4	4
1198	Otorhinolaryngological manifestations of COVID-19. , 2021, 10, 18-24.		2
1199	A serological survey of severe acute respiratory syndrome coronavirus 2 in dogs in Wuhan. <i>Transboundary and Emerging Diseases</i> , 2022, 69, 591-597.	1.3	29
1200	Current Paradigms in COVID-19 Research: Proposed Treatment Strategies, Recent Trends and Future Directions. <i>Current Medicinal Chemistry</i> , 2021, 28, 3173-3192.	1.2	5
1201	Are we ready to deal with a global COVID-19 pandemic? Rethinking countries' capacity based on the Global Health Security Index. <i>International Journal of Infectious Diseases</i> , 2021, 106, 289-294.	1.5	12
1202	Interaction of small molecules with the SARS-CoV-2 papain-like protease: In silico studies and in vitro validation of protease activity inhibition using an enzymatic inhibition assay. <i>Journal of Molecular Graphics and Modelling</i> , 2021, 104, 107851.	1.3	29

#	ARTICLE	IF	CITATIONS
1203	Leptin Deficiency, Caused by Malnutrition, Makes You Susceptible to SARS-CoV-2 Infection but Could Offer Protection from Severe COVID-19. <i>MSphere</i> , 2021, 6, .	1.3	7
1204	Corticosteroids for hospitalized patients with mild to critically-ill COVID-19: a multicenter, retrospective, propensity score-matched study. <i>Scientific Reports</i> , 2021, 11, 10727.	1.6	14
1205	SARS-CoV-2â€™ Morphology, Transmission and Diagnosis during Pandemic, Review with Element of Meta-Analysis. <i>Journal of Clinical Medicine</i> , 2021, 10, 1962.	1.0	10
1206	Immune response scenario and vaccine development for SARS-CoV-2 infection. <i>International Immunopharmacology</i> , 2021, 94, 107439.	1.7	10
1207	RIG-I triggers a signaling-abortive anti-SARS-CoV-2 defense in human lung cells. <i>Nature Immunology</i> , 2021, 22, 820-828.	7.0	169
1208	Comparative systematic review and meta-analysis of reactogenicity, immunogenicity and efficacy of vaccines against SARS-CoV-2. <i>Npj Vaccines</i> , 2021, 6, 74.	2.9	198
1209	Regulatory concepts to guide and promote the accelerated but safe clinical development and licensure of COVIDâ€™19 vaccines in Europe. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2022, 77, 72-82.	2.7	11
1210	An Insight into Pandemic COVID-19: Structure, Epidemiology and Therapeutics. <i>Current Biotechnology</i> , 2021, 10, 13-17.	0.2	0
1212	Cellular and Humoral Immune Responses in Mice Immunized with Vaccinia Virus Expressing the SARS-CoV-2 Spike Protein. <i>Journal of Immunology</i> , 2021, 206, 2596-2604.	0.4	4
1213	Natural Products Modulating Angiotensin Converting Enzyme 2 (ACE2) as Potential COVID-19 Therapies. <i>Frontiers in Pharmacology</i> , 2021, 12, 629935.	1.6	26
1214	SARS-CoV-2 Infection and Guillain-BarrÃ© Syndrome: A Review on Potential Pathogenic Mechanisms. <i>Frontiers in Immunology</i> , 2021, 12, 674922.	2.2	19
1215	Genetic drift of MERSâ€™CoV in Saudi Arabia during 2012â€™2019. <i>Zoonoses and Public Health</i> , 2021, 68, 527-532.	0.9	1
1216	Machine learning techniques applied to the drug design and discovery of new antivirals: a brief look over the past decade. <i>Expert Opinion on Drug Discovery</i> , 2021, 16, 961-975.	2.5	15
1217	Correlating qRT-PCR, dPCR and Viral Titration for the Identification and Quantification of SARS-CoV-2: A New Approach for Infection Management. <i>Viruses</i> , 2021, 13, 1022.	1.5	29
1218	Discovery of anti-MERS-CoV small covalent inhibitors through pharmacophore modeling, covalent docking and molecular dynamics simulation. <i>Journal of Molecular Liquids</i> , 2021, 330, 115699.	2.3	35
1219	The relationship between blood groups and risk of infection with SARSâ€™CoVâ€™2 or development of severe outcomes: A review. <i>Reviews in Medical Virology</i> , 2022, 32, .	3.9	13
1220	Micronutrient therapy and effective immune response: a promising approach for management of COVID-19. <i>Infection</i> , 2021, 49, 1133-1147.	2.3	10
1221	Clinical Guidelines for Dentistry in China During the Coronavirus Disease 2019 Pandemic. <i>Frontiers in Dental Medicine</i> , 2021, 2, .	0.5	0

#	ARTICLE	IF	CITATIONS
1222	The Many Faces of Innate Immunity in SARS-CoV-2 Infection. <i>Vaccines</i> , 2021, 9, 596.	2.1	10
1223	Immunomodulatory Responses Of Toll Like Receptors Against 2019nCoV. <i>Russian Open Medical Journal</i> , 2021, 10, .	0.1	0
1224	Identification of pyrogallol as a warhead in design of covalent inhibitors for the SARS-CoV-2 3CL protease. <i>Nature Communications</i> , 2021, 12, 3623.	5.8	111
1225	Differences in levels of psychological distress, perceived safety, trust, and efficacy amongst hospital personnel during the COVID-19 pandemic. <i>Research in Nursing and Health</i> , 2021, 44, 776-786.	0.8	16
1226	Interleukin-6 Perpetrator of the COVID-19 Cytokine Storm. <i>Indian Journal of Clinical Biochemistry</i> , 2021, 36, 440-450.	0.9	47
1227	Classifying COVID-19 positive X-ray using deep learning models. <i>IEEE Latin America Transactions</i> , 2021, 19, 884-892.	1.2	6
1228	In-vitro acetylation of SARS-CoV and SARS-CoV-2 nucleocapsid proteins by human PCAF and GCN5. <i>Biochemical and Biophysical Research Communications</i> , 2021, 557, 273-279.	1.0	15
1229	Evidence that Maackia amurensis seed lectin (MASL) exerts pleiotropic actions on oral squamous cells with potential to inhibit SARS-CoV-2 infection and COVID-19 disease progression. <i>Experimental Cell Research</i> , 2021, 403, 112594.	1.2	15
1230	Inhibitors of Coronavirus 3CL Proteases Protect Cells from Protease-Mediated Cytotoxicity. <i>Journal of Virology</i> , 2021, 95, e0237420.	1.5	27
1231	Synthesis of hydroxy benzoin/benzil analogs and investigation of their antioxidant, antimicrobial, enzyme inhibition, and cytotoxic activities. <i>Turkish Journal of Chemistry</i> , 2021, 45, 788-804.	0.5	3
1232	Emerging and Re-emerging Zoonoses are Major and Global Challenges for Public Health. <i>Zoonoses</i> , 2021, 1, .	0.5	19
1233	In-Silico Drug Designing and Molecular Dynamics for Indian Strain of Covid-19 Target Protein from South Africa and Brazil with the Potential Drugs Proved as Good Inhibitor in China. <i>Bioscience Biotechnology Research Communications</i> , 2021, 14, 101-107.	0.1	0
1234	Longitudinal Antibody Dynamics Against Structural Proteins of SARS-CoV-2 in Three COVID-19 Patients Shows Concurrent Development of IgA, IgM, and IgG. <i>Journal of Inflammation Research</i> , 2021, Volume 14, 2497-2506.	1.6	9
1235	Glycophosphopeptical AM3 Food Supplement: A Potential Adjuvant in the Treatment and Vaccination of SARS-CoV-2. <i>Frontiers in Immunology</i> , 2021, 12, 698672.	2.2	11
1236	The Novel Drug Discovery to Combat COVID-19 by Repressing Important Virus Proteins Involved in Pathogenesis Using Medicinal Herbal Compounds. <i>Avicenna Journal of Medical Biotechnology</i> , 2021, 13, 107-115.	0.2	9
1237	The Current Outbreak of COVID-19 with Reference to India. <i>Coronaviruses</i> , 2021, 2, 448-459.	0.2	0
1239	Temporal evolution, most influential studies and sleeping beauties of the coronavirus literature. <i>Scientometrics</i> , 2021, 126, 7005-7050.	1.6	12
1240	Immunological Approaches to the Treatment of Novel Coronavirus Infection (Review). <i>Sovremennye Tehnologii V Medicine</i> , 2021, 13, 81.	0.4	4

#	ARTICLE	IF	CITATIONS
1241	A comparative study of HPLC and UV spectrophotometric methods for oseltamivir quantification in pharmaceutical formulations. <i>Acta Chromatographica</i> , 2022, 34, 258-266.	0.7	2
1242	The situation of Covid-19 outbreak in Turkish Republic of Northern Cyprus, during the time of pandemic fatigue. <i>The EuroBiotech Journal</i> , 2021, 5, 1-4.	0.5	2
1243	The Plausible Role of Indian Traditional Medicine in Combating Corona Virus (SARS-CoV 2): A Mini-Review. <i>Current Pharmaceutical Biotechnology</i> , 2021, 22, 906-919.	0.9	21
1244	Unleashing the potential of cell membrane-based nanoparticles for COVID-19 treatment and vaccination. <i>Expert Opinion on Drug Delivery</i> , 2021, 18, 1395-1414.	2.4	14
1245	Virtual high throughput screening: Potential inhibitors for SARS-CoV-2 PLPRO and 3CLPRO proteases. <i>European Journal of Pharmacology</i> , 2021, 901, 174082.	1.7	30
1246	Toward the prevention of coronavirus infection: what role can polymers play?. <i>Materials Today Advances</i> , 2021, 10, 100140.	2.5	18
1247	The SARS-CoV-2 Nucleocapsid Protein and Its Role in Viral Structure, Biological Functions, and a Potential Target for Drug or Vaccine Mitigation. <i>Viruses</i> , 2021, 13, 1115.	1.5	184
1248	Knowledge, Risk Perception, and Preventive Measures of COVID-19 among Medical and Nursing students in Samoa: A Cross-Sectional Analysis. <i>Pacific Health Dialog: A Publication of the Pacific Basin Officers Training Program and the Fiji School of Medicine</i> , 2021, 21, .	0.0	2
1249	Risk factors for the delayed viral clearance in COVID-19 patients. <i>Journal of Clinical Hypertension</i> , 2021, 23, 1483-1489.	1.0	9
1250	Origin, Pathogenesis, Diagnosis and Treatment Options for SARS-CoV-2: A Review. <i>Biologia (Poland)</i> , 2021, 76, 2655-2673.	0.8	5
1251	Dynamic Profiling of β -Coronavirus 3CL ^M Protease Ligand-Binding Sites. <i>Journal of Chemical Information and Modeling</i> , 2021, 61, 3058-3073.	2.5	35
1252	An overview of some potential immunotherapeutic options against COVID-19. <i>International Immunopharmacology</i> , 2021, 95, 107516.	1.7	7
1254	SARS-CoV-2 and Skin: The Pathologist's Point of View. <i>Biomolecules</i> , 2021, 11, 838.	1.8	12
1255	A Journey of Coronaviruses from Sporadic Outbreaks to COVID-19 Pandemic. <i>Coronaviruses</i> , 2021, 2, 460-467.	0.2	0
1256	Control of Innate Immune Activation by Severe Acute Respiratory Syndrome Coronavirus 2 and Other Coronaviruses. <i>Journal of Interferon and Cytokine Research</i> , 2021, 41, 205-219.	0.5	5
1257	Clinically relevant cell culture models and their significance in isolation, pathogenesis, vaccine development, repurposing and screening of new drugs for SARS-CoV-2: a systematic review. <i>Tissue and Cell</i> , 2021, 70, 101497.	1.0	33
1259	Immunomodulatory role and potential utility of various nutrients and dietary components in SARS-CoV-2 infection. <i>International Journal for Vitamin and Nutrition Research</i> , 2022, 92, 35-48.	0.6	7
1260	SARS-CoV-2: An Overview of Virus Genetics, Transmission, and Immunopathogenesis. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 6312.	1.2	15

#	ARTICLE	IF	CITATIONS
1261	Combining machine learning and nanopore construction creates an artificial intelligence nanopore for coronavirus detection. <i>Nature Communications</i> , 2021, 12, 3726.	5.8	80
1263	Nanotechnology-Based Approach to Combat Pandemic COVID 19: A Review. <i>Macromolecular Symposia</i> , 2021, 397, 2000336.	0.4	2
1264	Promising traditional Indian medicinal plants for the management of novel Coronavirus disease: A systematic review. <i>Phytotherapy Research</i> , 2021, 35, 4456-4484.	2.8	33
1265	Toward the Identification of Potential α -Ketoamide Covalent Inhibitors for SARS-CoV-2 Main Protease: Fragment-Based Drug Design and MM-PBSA Calculations. <i>Processes</i> , 2021, 9, 1004.	1.3	21
1266	Longevity of seropositivity and neutralizing antibodies in recovered MERS patients: a 5-year follow-up study. <i>Clinical Microbiology and Infection</i> , 2022, 28, 292-296.	2.8	8
1267	Polyphenols Sourced from Terrestrial and Marine Plants as Coronavirus Reproduction Inhibitors. <i>Antibiotiki i Khimioterapiya</i> , 2021, 66, 62-81.	0.1	0
1268	SARS-CoV-2 and Multi-Organ damage – What men's health specialists should know about the COVID-19 pathophysiology. <i>International Braz J Urol: Official Journal of the Brazilian Society of Urology</i> , 2021, 47, 637-646.	0.7	24
1269	COVID-19 Management in Clinical Dental Care. Part I: Epidemiology, Public Health Implications, and Risk Assessment. <i>International Dental Journal</i> , 2021, 71, 251-262.	1.0	16
1270	The architecture of the SARS-CoV-2 RNA genome inside virion. <i>Nature Communications</i> , 2021, 12, 3917.	5.8	122
1271	Climate change, environment pollution, COVID-19 pandemic and mental health. <i>Science of the Total Environment</i> , 2021, 773, 145182.	3.9	92
1272	An update on emerging therapeutics to combat COVID-19. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2021, 129, 104-129.	1.2	9
1273	Mutations and polymorphisms in genes involved in the infections by covid 19: a review. <i>Gene Reports</i> , 2021, 23, 101062.	0.4	14
1274	SARS-CoV-2 and its new variants: a comprehensive review on nanotechnological application insights into potential approaches. <i>Applied Nanoscience (Switzerland)</i> , 2023, 13, 65-93.	1.6	8
1275	Genetic Control of Human Infection with SARS-CoV-2. <i>Russian Journal of Genetics</i> , 2021, 57, 627-641.	0.2	3
1276	The COVID-19 pandemic: an increased risk of rheumatoid arthritis. <i>Future Virology</i> , 2021, 16, 431-442.	0.9	11
1277	Update on Potentially Zoonotic Viruses of European Bats. <i>Vaccines</i> , 2021, 9, 690.	2.1	21
1278	Use of Antioxidants for the Neuro-Therapeutic Management of COVID-19. <i>Antioxidants</i> , 2021, 10, 971.	2.2	21
1279	Molecular mechanisms of Na,K-ATPase dysregulation driving alveolar epithelial barrier failure in severe COVID-19. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021, 320, L1186-L1193.	1.3	24

#	ARTICLE	IF	CITATIONS
1280	COVID-19: Structural Considerations for Virus Pathogenesis, Therapeutic Strategies and Vaccine Design in the Novel SARS-CoV-2 Variants Era. <i>Molecular Biotechnology</i> , 2021, 63, 885-897.	1.3	8
1281	Novel Coronavirus Disease 2019 (COVID-19) Current Update: Perspective on Epidemiology, Diagnosis, Drug Targets and Vaccines. <i>Coronaviruses</i> , 2021, 2, .	0.2	1
1282	How Do Enveloped Viruses Exploit the Secretory Proprotein Convertases to Regulate Infectivity and Spread?. <i>Viruses</i> , 2021, 13, 1229.	1.5	18
1283	Understanding the Role of Blood Vessels in the Neurologic Manifestations of Coronavirus Disease 2019 (COVID-19). <i>American Journal of Pathology</i> , 2021, 191, 1946-1954.	1.9	14
1284	B cell genomics behind cross-neutralization of SARS-CoV-2 variants and SARS-CoV. <i>Cell</i> , 2021, 184, 3205-3221.e24.	13.5	73
1285	SARS-CoV-2 envelope protein causes acute respiratory distress syndrome (ARDS)-like pathological damages and constitutes an antiviral target. <i>Cell Research</i> , 2021, 31, 847-860.	5.7	102
1286	SARS-CoV-2 Antiviral Therapy. <i>Clinical Microbiology Reviews</i> , 2021, 34, e0010921.	5.7	64
1287	Plitidepsin: Mechanisms and Clinical Profile of a Promising Antiviral Agent against COVID-19. <i>Journal of Personalized Medicine</i> , 2021, 11, 668.	1.1	16
1288	Impact of the COVID-19 pandemic on inflammatory bowel disease patients: A review of the current evidence. <i>World Journal of Gastroenterology</i> , 2021, 27, 3748-3761.	1.4	14
1289	Coronavirus and its terrifying inning around the globe: The pharmaceutical cares at the main frontline. <i>Chemosphere</i> , 2021, 275, 129968.	4.2	7
1290	Relevance of BET Family Proteins in SARS-CoV-2 Infection. <i>Biomolecules</i> , 2021, 11, 1126.	1.8	11
1291	Supramolecular Cylinders Target Bulge Structures in the 5' UTR of the RNA Genome of SARS-CoV-2 and Inhibit Viral Replication**. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 18144-18151.	7.2	12
1292	Emerging neurotropic features of SARS-CoV-2. <i>Journal of Molecular Cell Biology</i> , 2021, 13, 705-711.	1.5	12
1293	Cost-Effectiveness Analysis of COVID-19 Case Quarantine Strategies in Two Australian States: New South Wales and Western Australia. <i>Journal of Risk and Financial Management</i> , 2021, 14, 305.	1.1	3
1294	The COVID-19 Model with Partially Recovered Carriers. <i>Journal of Applied Mathematics</i> , 2021, 2021, 1-17.	0.4	1
1295	The potential use of microRNAs as a therapeutic strategy for SARS-CoV-2 infection. <i>Archives of Virology</i> , 2021, 166, 2649-2672.	0.9	21
1297	Pathogenesis of Coronaviruses Through Human Monocytes and Tissue Macrophages. <i>Viral Immunology</i> , 2021, 34, 597-606.	0.6	3
1299	COVID-19 infection, progression, and vaccination: Focus on obesity and related metabolic disturbances. <i>Obesity Reviews</i> , 2021, 22, e13313.	3.1	32

#	ARTICLE	IF	CITATIONS
1300	Anti-SARS-COV-2 antibodies Amongst Asymptomatic Healthcare Workers and students of Tertiary Care hospital and Medical School in Pakistan. American Journal of Health, Medicine and Nursing Practice, 2021, 6, 25-38.	0.1	1
1301	Analysis of Ear, Nose and Throat Manifestations in COVID-19 Patients. International Archives of Otorhinolaryngology, 2021, 25, e343-e348.	0.3	10
1302	Supramolecular Cylinders Target Bulge Structures in the 5' UTR of the RNA Genome of SARS-CoV-2 and Inhibit Viral Replication**. Angewandte Chemie, 2021, 133, 18292-18299.	1.6	3
1303	A Machine-Generated View of the Role of Blood Glucose Levels in the Severity of COVID-19. Frontiers in Public Health, 2021, 9, 695139.	1.3	32
1304	Diabetes Mellitus during the Pandemic Covid-19: Prevalence, Pathophysiology, Mechanism, and Management: An updated overview. Current Diabetes Reviews, 2021, 17, .	0.6	2
1305	In silico studies of Potency and safety assessment of selected trial drugs for the treatment of COVID-19. In Silico Pharmacology, 2021, 9, 45.	1.8	10
1306	Indian Ethnomedicinal Phytochemicals as Promising Inhibitors of RNA-Binding Domain of SARS-CoV-2 Nucleocapsid Phosphoprotein: An In Silico Study. Frontiers in Molecular Biosciences, 2021, 8, 637329.	1.6	16
1307	Ultraviolet radiation, vitamin D, and COVID-19. Italian Journal of Dermatology and Venereology, 2021, 156, 366-373.	0.1	3
1308	Exploration of transmission chain and prevention of the recurrence of coronavirus disease 2019 in Heilongjiang Province due to in-hospital transmission. World Journal of Clinical Cases, 2021, 9, 5420-5426.	0.3	5
1310	Live and Wet Markets: Food Access versus the Risk of Disease Emergence. Trends in Microbiology, 2021, 29, 573-581.	3.5	41
1311	The Clinical Implication of Dynamic Hematological Parameters in COVID-19: A Retrospective Study in Chongqing, China. International Journal of General Medicine, 2021, Volume 14, 4073-4080.	0.8	9
1312	Cardiovascular complications of COVID-19. JCI Insight, 2021, 6, .	2.3	88
1313	Zoonoses and global epidemics. Current Opinion in Infectious Diseases, 2021, 34, 385-392.	1.3	19
1314	Discovery of SARS-CoV-2-E channel inhibitors as antiviral candidates. Acta Pharmacologica Sinica, 2021, , .	2.8	18
1316	Molecular Insights into COVID-19 Pathophysiology, Immune Pathogenesis, Detection, and Treatment. DNA and Cell Biology, 2021, 40, 858-868.	0.9	0
1317	Increase in SARS-CoV-2 infected biomedical waste among low middle-income countries: environmental sustainability and impact with health implications. Journal of Basic and Clinical Physiology and Pharmacology, 2022, 33, 27-44.	0.7	8
1318	SARS-CoV-2 N Protein Targets TRIM25-Mediated RIG-I Activation to Suppress Innate Immunity. Viruses, 2021, 13, 1439.	1.5	44
1319	In-Hospital Mortality of COVID-19 Patients Treated with High-Flow Nasal Oxygen: Evaluation of Biomarkers and Development of the Novel Risk Score Model CROW-65. Life, 2021, 11, 735.	1.1	11

#	ARTICLE	IF	CITATIONS
1320	COVIDomic: A multi-modal cloud-based platform for identification of risk factors associated with COVID-19 severity. <i>PLoS Computational Biology</i> , 2021, 17, e1009183.	1.5	7
1321	The RNA sensor MDA5 detects SARS-CoV-2 infection. <i>Scientific Reports</i> , 2021, 11, 13638.	1.6	93
1322	Novel Coronavirus Disease (COVID-19): An extensive study on evolution, global health, drug targets and vaccines. <i>International Journal of Clinical Virology</i> , 2021, 5, 054-069.	0.1	2
1324	Recent advance of ACE2 and microbiota dysfunction in COVID-19 pathogenesis. <i>Heliyon</i> , 2021, 7, e07548.	1.4	15
1325	Do inflammasome impact COVID-19 severity?. <i>VirusDisease</i> , 2021, 32, 410-420.	1.0	4
1326	Synopsis of Pharmotechnological Approaches in Diagnostic and Management Strategies for Fighting Against COVID-19. <i>Current Pharmaceutical Design</i> , 2021, 27, 4086-4099.	0.9	3
1328	Analysis of 239 ordinary and severe cases of COVID-19: Clinical features and treatment. <i>European Journal of Translational Myology</i> , 2021, 31, .	0.8	4
1329	Targeting liquid-liquid phase separation of SARS-CoV-2 nucleocapsid protein promotes innate antiviral immunity by elevating MAVS activity. <i>Nature Cell Biology</i> , 2021, 23, 718-732.	4.6	156
1330	Characterization of SARS-CoV-2 and host entry factors distribution in a COVID-19 autopsy series. <i>Communications Medicine</i> , 2021, 1, .	1.9	16
1331	Cellular and Molecular Effects of SARS-CoV-2 Linking Lung Infection to the Brain. <i>Frontiers in Immunology</i> , 2021, 12, 730088.	2.2	12
1333	Humoral immunity to SARS-CoV-2 and seasonal coronaviruses in children and adults in north-eastern France. <i>EBioMedicine</i> , 2021, 70, 103495.	2.7	49
1334	The COVID-19 vaccine development: A pandemic paradigm. <i>Virus Research</i> , 2021, 301, 198454.	1.1	24
1335	Comparing antiviral strategies against COVID-19 via multiscale within-host modelling. <i>Royal Society Open Science</i> , 2021, 8, 210082.	1.1	17
1336	Efektivitas Edukasi Komik Dan Leaflet Terhadap Peningkatan Pengetahuan Orangtua Siswa Sekolah Dasar Mengenai Phbs Untuk Pencegahan Penularan Virus COVID-19. <i>Jurnal Gizi Dan Kesehatan</i> , 2021, 13, 66-85.	0.1	0
1337	Possible response of molecular biotechnology to call SARS-CoV-2. <i>Vestsi Natsyianal'nai Akademii Navuk Belarusi Seryia Biialahichnykh Navuk</i> , 2021, 66, 357-369.	0.2	0
1338	Canonical NF- κ B Promotes Lung Epithelial Cell Tumour Growth by Downregulating the Metastasis Suppressor CD82 and Enhancing Epithelial-to-Mesenchymal Cell Transition. <i>Cancers</i> , 2021, 13, 4302.	1.7	2
1339	Mathematical analysis of COVID-19 pandemic by using the concept of SIR model. <i>Soft Computing</i> , 2023, 27, 3477-3491.	2.1	5
1340	Potential for Developing Plant-Derived Candidate Vaccines and Biologics against Emerging Coronavirus Infections. <i>Pathogens</i> , 2021, 10, 1051.	1.2	18

#	ARTICLE	IF	CITATIONS
1341	Non-Nucleotide RNA-Dependent RNA Polymerase Inhibitor That Blocks SARS-CoV-2 Replication. <i>Viruses</i> , 2021, 13, 1585.	1.5	22
1342	Drug Use Frequency Variation and Mental Health During the COVID-19 Pandemic: an Online Survey. <i>International Journal of Mental Health and Addiction</i> , 2022, 20, 2755-2769.	4.4	4
1343	Clinical Characteristics of Confirmed Cases of COVID-19 Admitted at Al Nahdha Hospital, Oman: A Cross-Sectional Descriptive Study. <i>Cureus</i> , 2021, 13, e17343.	0.2	3
1344	Direct Comparison of N-Glycans and Their Isomers Derived from Spike Glycoprotein 1 of MERS-CoV, SARS-CoV-1, and SARS-CoV-2. <i>Journal of Proteome Research</i> , 2021, 20, 4357-4365.	1.8	17
1345	Do SARS-CoV-2 Infection (COVID-19) and the Medications Administered for Its Treatment Impair Testicular Functions?. <i>Urologia Internationalis</i> , 2021, 105, 944-948.	0.6	21
1346	Antiviral activities of flavonoids. <i>Biomedicine and Pharmacotherapy</i> , 2021, 140, 111596.	2.5	165
1347	Drugs repurposing against SARS-CoV2 and the new variant B.1.1.7 (alpha strain) targeting the spike protein: molecular docking and simulation studies. <i>Heliyon</i> , 2021, 7, e07803.	1.4	13
1348	Clinical relevance of serum Î±-L-fucosidase activity in the SARS-CoV-2 infection. <i>Clinica Chimica Acta</i> , 2021, 519, 26-31.	0.5	2
1350	Nasopharyngeal microbiome reveals the prevalence of opportunistic pathogens in SARS-CoV-2 infected individuals and their association with host types. <i>Microbes and Infection</i> , 2022, 24, 104880.	1.0	31
1351	An Overview of Vaccines against SARS-CoV-2 in the COVID-19 Pandemic Era. <i>Pathogens</i> , 2021, 10, 1030.	1.2	33
1352	Neutralization of MERS coronavirus through a scalable nanoparticle vaccine. <i>Npj Vaccines</i> , 2021, 6, 107.	2.9	12
1353	One-step fast and label-free imaging array for multiplexed detection of trace avian influenza viruses. <i>Analytica Chimica Acta</i> , 2021, 1171, 338645.	2.6	14
1354	Covid-19-induced pulmonary hypertension in children, and the use of phosphodiesterase-5 inhibitors. <i>F1000Research</i> , 0, 10, 792.	0.8	0
1355	Cryo-EM and antisense targeting of the 28-kDa frameshift stimulation element from the SARS-CoV-2 RNA genome. <i>Nature Structural and Molecular Biology</i> , 2021, 28, 747-754.	3.6	91
1356	Molecular docking and dynamics study to explore phytochemical ligand molecules against the main protease of SARS-CoV-2 from extensive phytochemical datasets. <i>Expert Review of Clinical Pharmacology</i> , 2021, 14, 1305-1315.	1.3	34
1357	Contribution of SARS-CoV-2 Accessory Proteins to Viral Pathogenicity in K18 Human ACE2 Transgenic Mice. <i>Journal of Virology</i> , 2021, 95, e0040221.	1.5	97
1358	Risk factors for mortality in patients over 70 years old with COVID-19 in Wuhan at the early break: retrospective case series. <i>BMC Infectious Diseases</i> , 2021, 21, 821.	1.3	7
1359	Implications of a travel connectivity-based approach for infectious disease transmission risks in Oceania. <i>BMJ Open</i> , 2021, 11, e046206.	0.8	0

#	ARTICLE	IF	CITATIONS
1360	Potent prophylactic and therapeutic efficacy of recombinant human ACE2-Fc against SARS-CoV-2 infection in vivo. <i>Cell Discovery</i> , 2021, 7, 65.	3.1	51
1361	Low CD4 T cell count predicts radiological progression in severe and critically ill COVID-19 patients: a case control study. <i>Journal of Thoracic Disease</i> , 2021, 13, 4723-4730.	0.6	2
1362	SARS-CoV-2 Membrane Glycoprotein M Triggers Apoptosis With the Assistance of Nucleocapsid Protein N in Cells. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 706252.	1.8	22
1363	An Overview of the Pathogenesis, Transmission, Diagnosis, and Management of Endemic Human Coronaviruses: A Reflection on the Past and Present Episodes and Possible Future Outbreaks. <i>Pathogens</i> , 2021, 10, 1108.	1.2	14
1364	Genomic evolution of the human and animal coronavirus diseases. <i>Molecular Biology Reports</i> , 2021, 48, 6645-6653.	1.0	5
1365	A review on the COVID-19: Facts and current situation. <i>NeuroPharmac Journal</i> , 0, , 180-191.	0.1	3
1366	An overview of SARS-COV-2 epidemiology, mutant variants, vaccines, and management strategies. <i>Journal of Infection and Public Health</i> , 2021, 14, 1299-1312.	1.9	37
1367	An overview on the seven pathogenic human coronaviruses. <i>Reviews in Medical Virology</i> , 2022, 32, e2282.	3.9	72
1368	Recombination and lineage-specific mutations linked to the emergence of SARS-CoV-2. <i>Genome Medicine</i> , 2021, 13, 124.	3.6	16
1369	Potential SARS-CoV-2 vaccines: Concept, progress, and challenges. <i>International Immunopharmacology</i> , 2021, 97, 107622.	1.7	14
1370	Nanodelivery of STING agonists against cancer and infectious diseases. <i>Molecular Aspects of Medicine</i> , 2022, 83, 101007.	2.7	15
1371	Astaxanthin protective barrier and its ability to improve the health in patients with COVID-19. <i>Iranian Journal of Microbiology</i> , 2021, 13, 434-441.	0.8	10
1373	Harnessing immunological targets for COVID-19 immunotherapy. <i>Future Virology</i> , 2021, , .	0.9	1
1374	The efficacy of ultraviolet light-emitting technology against coronaviruses: a systematic review. <i>Journal of Hospital Infection</i> , 2021, 114, 63-78.	1.4	34
1375	Preclinical evaluation of Imatinib does not support its use as an antiviral drug against SARS-CoV-2. <i>Antiviral Research</i> , 2021, 193, 105137.	1.9	32
1376	Biology and Pathogenesis of SARS-CoV-2: Understandings for Therapeutic Developments against COVID-19. <i>Pathogens</i> , 2021, 10, 1218.	1.2	4
1377	SARS-CoV-2 Isolates Show Impaired Replication in Human Immune Cells but Differential Ability to Replicate and Induce Innate Immunity in Lung Epithelial Cells. <i>Microbiology Spectrum</i> , 2021, 9, e0077421.	1.2	15
1379	Favorable antibody responses to human coronaviruses in children and adolescents with autoimmune rheumatic diseases. <i>Med</i> , 2021, 2, 1093-1109.e6.	2.2	6

#	ARTICLE	IF	CITATIONS
1380	COVID-19 and the cardiovascular system: insights into effects and treatments. <i>Canadian Journal of Physiology and Pharmacology</i> , 2021, 99, 1119-1127.	0.7	6
1381	ABO blood group association and COVID-19. COVID-19 susceptibility and severity: a review. <i>Hematology, Transfusion and Cell Therapy</i> , 2022, 44, 70-75.	0.1	29
1382	Repeat laboratory testing of SARS-CoV-2 is necessary to diagnose COVID-19. <i>Journal of Infection and Public Health</i> , 2021, 14, 1164-1168.	1.9	1
1383	Stem cell-based and mesenchymal stem cell derivatives for coronavirus treatment. <i>Biotechnology and Applied Biochemistry</i> , 2021, , .	1.4	1
1384	A Throat Lozenge with Fixed Combination of Cetylpyridinium Chloride and Benzylamine Hydrochloride Has Direct Virucidal Effect on SARS-CoV-2. <i>Covid</i> , 2021, 1, 435-446.	0.7	5
1385	Broad cross-reactivity across sarbecoviruses exhibited by a subset of COVID-19 donor-derived neutralizing antibodies. <i>Cell Reports</i> , 2021, 36, 109760.	2.9	80
1386	Infecci3n por coronavirus en pacientes con diabetes. <i>Archivos De Cardiologia De Mexico</i> , 2021, 90, 67-76.	0.1	3
1387	Leveraging publicly available coronavirus data to identify new therapeutic targets for COVID-19. <i>PLoS ONE</i> , 2021, 16, e0257965.	1.1	2
1388	Knowledge, Perceptions, and Attitudes Regarding COVID-19 and Infection Control Measures Against it among Dental Students in Saudi Arabia. <i>Open Dentistry Journal</i> , 2021, 15, 479-486.	0.2	2
1389	PENGARUH PENERAPAN INSTRUMEN PPI SNARS TERHADAP KESEJAHTERAAN PSIKOLOGIS PETUGAS PENANGGULANGAN COVID-19. <i>Jintan</i> , 2021, 1, 91-102.	0.0	0
1390	A Liquid Metal Mediated Metallic Coating for Antimicrobial and Antiviral Fabrics. <i>Advanced Materials</i> , 2021, 33, e2104298.	11.1	84
1391	Computational Study on the Function of Palmitoylation on the Envelope Protein in SARS-CoV-2. <i>Journal of Chemical Theory and Computation</i> , 2021, 17, 6483-6490.	2.3	15
1392	Multi-level inhibition of coronavirus replication by chemical ER stress. <i>Nature Communications</i> , 2021, 12, 5536.	5.8	54
1393	Hospital-acquired SARS-CoV-2 infection in the UK's first COVID-19 pandemic wave. <i>Lancet, The</i> , 2021, 398, 1037-1038.	6.3	75
1394	Modeling the spread of dangerous pandemics with the utilization of a hybrid-statistical4Advanced-Fuzzy-Cognitive-Map algorithm: the example of COVID-19. <i>Research on Biomedical Engineering</i> , 2021, 37, 749-764.	1.5	5
1395	Pharmacological inhibition of fatty acid synthesis blocks SARS-CoV-2 replication. <i>Nature Metabolism</i> , 2021, 3, 1466-1475.	5.1	76
1397	Potential Effects of Coronaviruses on the Liver: An Update. <i>Frontiers in Medicine</i> , 2021, 8, 651658.	1.2	38
1398	Philadelphia-Negative Chronic Myeloproliferative Neoplasms during the COVID-19 Pandemic: Challenges and Future Scenarios. <i>Cancers</i> , 2021, 13, 4750.	1.7	8

#	ARTICLE	IF	CITATIONS
1399	Environmental perspectives of COVID-19 outbreaks: A review. <i>World Journal of Gastroenterology</i> , 2021, 27, 5822-5850.	1.4	3
1400	In the post-COVID-19 era, is the illegal wildlife trade the most serious form of trafficking?. <i>Crime Science</i> , 2021, 10, 19.	1.4	3
1401	Role of different types of nanomaterials against diagnosis, prevention and therapy of COVID-19. <i>Sustainable Cities and Society</i> , 2021, 72, 103046.	5.1	25
1402	Total Stromal Fraction (TSF) - Fortified Adipose tissue-derived Stem Cells Source: An Emerging Regenerative Realm Against COVID-19 Induced Pulmonary Compromise. <i>Coronaviruses</i> , 2021, 02, .	0.2	0
1403	A reverse vaccinology and immunoinformatics approach for designing a multiepitope vaccine against SARS-CoV-2. <i>Immunogenetics</i> , 2021, 73, 459-477.	1.2	11
1405	Cine drive-in como possibilidade de lazer artístico em período de pandemia COVID-19. <i>Research, Society and Development</i> , 2021, 10, e300101119727.	0.0	0
1406	Inactivation of SARS-CoV-2 by Simulated Sunlight on Contaminated Surfaces. <i>Microbiology Spectrum</i> , 2021, 9, e0033321.	1.2	18
1408	Micro/nanotechnology-inspired rapid diagnosis of respiratory infectious diseases. <i>Biomedical Engineering Letters</i> , 2021, 11, 335-365.	2.1	5
1409	A Comprehensive Review on Covid-19. <i>Zahedan Journal of Researches in Medical Sciences</i> , 2021, 23, .	0.1	2
1410	In silico identification of RBD subdomain of spike protein from Pro322-Thr581 for applications in vaccine development against SARS-CoV2. <i>Journal of Molecular Structure</i> , 2021, 1240, 130534.	1.8	2
1411	Structural biology of SARS-CoV-2 and implications for therapeutic development. <i>Nature Reviews Microbiology</i> , 2021, 19, 685-700.	13.6	259
1412	Potential biomarkers for the early prediction of SARS-COV-2 disease outcome. <i>Microbial Pathogenesis</i> , 2021, 158, 105057.	1.3	18
1413	Persistence assessment of SARS-CoV-2-specific IgG antibody in recovered COVID-19 individuals and its association with clinical symptoms and disease severity: A prospective longitudinal cohort study. <i>International Immunopharmacology</i> , 2021, 98, 107893.	1.7	15
1414	Analysis of SARS-CoV-2 infection dynamic in vivo using reporter-expressing viruses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	25
1415	Implications of the Coffee-Ring Effect on Virus Infectivity. <i>Langmuir</i> , 2021, 37, 11260-11268.	1.6	18
1416	Direct Activation of Endothelial Cells by SARS-CoV-2 Nucleocapsid Protein Is Blocked by Simvastatin. <i>Journal of Virology</i> , 2021, 95, e0139621.	1.5	52
1417	Paired heavy- and light-chain signatures contribute to potent SARS-CoV-2 neutralization in public antibody responses. <i>Cell Reports</i> , 2021, 37, 109771.	2.9	38
1418	Durable Antibody Responses in Staff at Two Long-Term Care Facilities, during and Post SARS-CoV-2 Outbreaks. <i>Microbiology Spectrum</i> , 2021, 9, e0022421.	1.2	8

#	ARTICLE	IF	CITATIONS
1419	Classification of SARS-CoV-2 and non-SARS-CoV-2 using machine learning algorithms. <i>Computers in Biology and Medicine</i> , 2021, 136, 104650.	3.9	18
1420	Therapy for patients with asymptomatic and mild cases of COVID-19 in Indonesia. <i>F1000Research</i> , 0, 10, 898.	0.8	0
1421	Extensive mucosal sloughing of the small intestine and colon in a patient with severe COVID-19. <i>DEN Open</i> , 2022, 2, e42.	0.5	10
1422	An immunologist's perspective on anti-COVID-19 vaccines. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2021, Publish Ahead of Print, 545-552.	1.1	4
1423	Therapeutic perceptions in antisense RNA-mediated gene regulation for COVID-19. <i>Gene</i> , 2021, 800, 145839.	1.0	4
1424	How Can We Treat the Virus and Prevent Infections?. , 2021, , 100-113.		0
1425	Prediction and evaluation of multi epitope based sub-unit vaccine against <i>Salmonella typhimurium</i> . <i>Saudi Journal of Biological Sciences</i> , 2022, 29, 1092-1099.	1.8	7
1426	Multistep rational molecular design and combined docking for discovery of novel classes of inhibitors of SARS-CoV-2 main protease 3CLpro. <i>Chemical Physics Letters</i> , 2021, 780, 138894.	1.2	22
1429	What Is a Coronavirus?. , 2021, , 22-33.		0
1432	Recent advances in detection technologies for COVID-19. <i>Talanta</i> , 2021, 233, 122609.	2.9	12
1433	Mesoporous silica nanoparticles for pulmonary drug delivery. <i>Advanced Drug Delivery Reviews</i> , 2021, 177, 113953.	6.6	64
1436	Understanding the immunological aspects of SARS-CoV-2 causing COVID-19 pandemic: A therapeutic approach. <i>Clinical Immunology</i> , 2021, 231, 108804.	1.4	5
1437	How Is the Coronavirus Spreading?. , 2021, , 7-21.		0
1438	Efficacy and safety of ReDuNing injection as a treatment for COVID-19 and its inhibitory effect against SARS-CoV-2. <i>Journal of Ethnopharmacology</i> , 2021, 279, 114367.	2.0	26
1439	Nanotechnology based solutions to combat zoonotic viruses with special attention to SARS, MERS, and COVID 19: Detection, protection and medication. <i>Microbial Pathogenesis</i> , 2021, 159, 105133.	1.3	16
1442	Kidney injury in COVID-19 patients, drug development and their renal complications: Review study. <i>Biomedicine and Pharmacotherapy</i> , 2021, 142, 111966.	2.5	22
1444	How Did the COVID-19 Outbreak Start and Evolve?. , 2021, , 45-77.		0
1445	How Is the Coronavirus Changing?. , 2021, , 34-44.		0

#	ARTICLE	IF	CITATIONS
1446	How Does the COVID-19 Outbreak Compare to Seasonal and Pandemic Influenza?. , 2021, , 88-99.		0
1447	How Does the COVID-19 Outbreak Compare to the SARS Outbreak in 2003?. , 2021, , 78-87.		0
1448	A digital health platform for assisting the diagnosis and monitoring of COVID-19 progression: An adjuvant approach for augmenting the antiviral response and mitigating the immune-mediated target organ damage. Biomedicine and Pharmacotherapy, 2021, 143, 112228.	2.5	20
1449	Adenovirus transduction to express human ACE2 causes obesity-specific morbidity in mice, impeding studies on the effect of host nutritional status on SARS-CoV-2 pathogenesis. Virology, 2021, 563, 98-106.	1.1	6
1450	Targeting purinergic receptors to suppress the cytokine storm induced by SARS-CoV-2 infection in pulmonary tissue. International Immunopharmacology, 2021, 100, 108150.	1.7	12
1451	Designing a testing kit supply network for suspected COVID-19 cases under mixed uncertainty approach. Applied Soft Computing Journal, 2021, 111, 107696.	4.1	8
1452	Nanotechnology for Mitigating Impact of COVID-19. Journal of Applied Science Engineering Technology and Education, 2021, 3, 171-180.	0.2	4
1453	COVID-19 challenges: From SARS-CoV-2 infection to effective point-of-care diagnosis by electrochemical biosensing platforms. Biochemical Engineering Journal, 2021, 176, 108200.	1.8	17
1454	Historical Insight, Classification, and Common Features of Coronavirus Family. Health Information Systems and the Advancement of Medical Practice in Developing Countries, 2022, , 1-20.	0.1	0
1455	The sudden appearance of SARS-CoV-2. , 2022, , 1-21.		1
1456	The Study of Traditional Medicine for the Treatment of COVID-19. Advances in Medical Diagnosis, Treatment, and Care, 2022, , 221-241.	0.1	3
1457	Global Health Security. , 2021, , 1-20.		0
1458	COVID-19: Pathogenesis and Pharmacological Basis for Use of Passive Antibody Therapy. Current Drug Therapy, 2021, 15, 448-456.	0.2	1
1459	A review on clinical, pathological characteristics and drug designing for COVID-19. Arab Journal of Basic and Applied Sciences, 2021, 28, 172-186.	1.0	1
1460	Viral Zoonoses of National Importance in Ghana: Advancements and Opportunities for Enhancing Capacities for Early Detection and Response. Journal of Tropical Medicine, 2021, 2021, 1-8.	0.6	5
1461	Experimental Animal Models of Coronavirus Infections: Strengths and Limitations. Immune Network, 2021, 21, e12.	1.6	12
1462	Predicting Genotype Information Related to COVID-19 for Molecular Mechanism Based on Computational Methods. CMES - Computer Modeling in Engineering and Sciences, 2021, 129, 31-45.	0.8	2
1463	Mucociliary Respiratory Epithelium Integrity in Molecular Defense and Susceptibility to Pulmonary Viral Infections. Biology, 2021, 10, 95.	1.3	31

#	ARTICLE	IF	CITATIONS
1464	COVID-19 and Cell Stress. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1318, 169-178.	0.8	8
1465	Viral infections and implications for male reproductive health. <i>Asian Journal of Andrology</i> , 2021, 23, 335.	0.8	23
1466	Proteomic Signature of Host Response to SARS-CoV-2 Infection in the Nasopharynx. <i>Molecular and Cellular Proteomics</i> , 2021, 20, 100134.	2.5	25
1467	Antiviral drug discovery: preparing for the next pandemic. <i>Chemical Society Reviews</i> , 2021, 50, 3647-3655.	18.7	128
1468	Clinical and Laboratory Predictors of Severity, Criticality, and Mortality in COVID-19: A Multisystem Disease. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1318, 369-402.	0.8	3
1469	Point-of-care testing detection methods for COVID-19. <i>Lab on A Chip</i> , 2021, 21, 1634-1660.	3.1	150
1470	Dynamic Network Modeling of Allosteric Interactions and Communication Pathways in the SARS-CoV-2 Spike Trimer Mutants: Differential Modulation of Conformational Landscapes and Signal Transmission via Cascades of Regulatory Switches. <i>Journal of Physical Chemistry B</i> , 2021, 125, 850-873.	1.2	66
1471	COVID-19 during pregnancy and adverse outcomes: Concerns and recommendations from The Brazilian Teratology Information Service. <i>Genetics and Molecular Biology</i> , 2021, 44, e20200224.	0.6	5
1472	Dynamics of Inter-community Spread of Covid-19. <i>Infosys Science Foundation Series</i> , 2021, , 409-426.	0.3	2
1473	Dissecting strategies to tune the therapeutic potential of SARS-CoV-2-specific monoclonal antibody CR3022. <i>JCI Insight</i> , 2021, 6, .	2.3	34
1474	Elucidating the Interactions Between Heparin/Heparan Sulfate and SARS-CoV-2-Related Proteins: An Important Strategy for Developing Novel Therapeutics for the COVID-19 Pandemic. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 628551.	1.6	37
1475	The Biosafety and Risk Management in Preparation and Processing of Cerebrospinal Fluid and Other Neurological Specimens With Potential Coronavirus Infection. <i>Frontiers in Neurology</i> , 2020, 11, 613552.	1.1	2
1476	COVID-19: A Review on the Novel Coronavirus Disease Evolution, Transmission, Detection, Control and Prevention. <i>Viruses</i> , 2021, 13, 202.	1.5	332
1477	In silico comparative genomics of SARS-CoV-2 to determine the source and diversity of the pathogen in Bangladesh. <i>PLoS ONE</i> , 2021, 16, e0245584.	1.1	27
1478	On the Origin of SARS-CoV-2: Did Cell Culture Experiments Lead to Increased Virulence of the Progenitor Virus for Humans?. <i>In Vivo</i> , 2021, 35, 1313-1326.	0.6	13
1479	COVID-19 and hepatic damage: what we know?. <i>Panminerva Medica</i> , 2023, 65, .	0.2	8
1480	SARS-CoV-2 therapeutics: how far do we stand from a remedy?. <i>Pharmacological Reports</i> , 2021, 73, 750-768.	1.5	17
1481	A Novel Protein Mapping Method for Predicting the Protein Interactions in COVID-19 Disease by Deep Learning. <i>Interdisciplinary Sciences, Computational Life Sciences</i> , 2021, 13, 44-60.	2.2	16

#	ARTICLE	IF	CITATIONS
1482	Respiratory Viral Pathogens in Solid Organ and Hematopoietic Stem Cell Transplant Recipients. , 2021, , 743-779.		0
1483	Unraveling the Interconnection Patterns Across Lung Microbiome, Respiratory Diseases, and COVID-19. Frontiers in Cellular and Infection Microbiology, 2020, 10, 619075.	1.8	16
1484	Evolutionarily Conserved Long Non-coding RNA Regulates Gene Expression in Cytokine Storm During COVID-19. Frontiers in Bioengineering and Biotechnology, 2020, 8, 582953.	2.0	33
1485	<i>Lactobacillus paracasei</i> DG enhances the lactoferrin anti-SARS-CoV-2 response in Caco-2 cells. Gut Microbes, 2021, 13, 1961970.	4.3	16
1486	Immunological perspectives on the pathogenesis, diagnosis, prevention and treatment of COVID-19. Molecular Biomedicine, 2021, 2, 1.	1.7	20
1487	A Novel Block Imaging Technique Using Nine Artificial Intelligence Models for COVID-19 Disease Classification, Characterization and Severity Measurement in Lung Computed Tomography Scans on an Italian Cohort. Journal of Medical Systems, 2021, 45, 28.	2.2	53
1488	Emerging Technologies for the Treatment of COVID-19. Advances in Experimental Medicine and Biology, 2021, 1321, 81-96.	0.8	3
1489	Nucleic Acid-Sensing Pathways During SARS-CoV-2 Infection: Expectations versus Reality. Journal of Inflammation Research, 2021, Volume 14, 199-216.	1.6	21
1490	Potential Antiviral Immune Response Against COVID-19: Lessons Learned from SARS-CoV. Advances in Experimental Medicine and Biology, 2021, 1318, 149-167.	0.8	4
1491	Swiss Recommendations for the Follow-Up and Treatment of Pulmonary Long COVID. Respiration, 2021, 100, 826-841.	1.2	41
1492	Antiviral Activity of 7-Substituted 7-Deazapurine Ribonucleosides, Monophosphate Prodrugs, and Triphosphates against Emerging RNA Viruses. ACS Infectious Diseases, 2021, 7, 471-478.	1.8	22
1493	Do an Altered Gut Microbiota and an Associated Leaky Gut Affect COVID-19 Severity?. MBio, 2021, 12, .	1.8	62
1494	The T-cell response to SARS-CoV-2: kinetic and quantitative aspects and the case for their protective role. Oxford Open Immunology, 2021, 2, .	1.2	59
1495	Efficacy of canakinumab in mild or severe COVID-19 pneumonia. Immunity, Inflammation and Disease, 2021, 9, 399-405.	1.3	40
1497	Management of Coronavirus Disease 2019 (COVID-19) Pandemic: From Diagnosis to Treatment Strategies. Advanced Therapeutics, 2021, 4, 2000173.	1.6	3
1498	How did we get here? Short history of COVID-19 and other coronavirus-related epidemics. Head and Neck, 2020, 42, 1535-1538.	0.9	18
1499	Systematic analysis of ACE2 and TMPRSS2 expression in salivary glands reveals underlying transmission mechanism caused by SARS-CoV-2. Journal of Medical Virology, 2020, 92, 2556-2566.	2.5	86
1500	Therapeutic approaches against coronaviruses acute respiratory syndrome. Pharmacology Research and Perspectives, 2021, 9, e00691.	1.1	7

#	ARTICLE	IF	CITATIONS
1501	Quantification of the Middle East Respiratory Syndrome-Coronavirus RNA in Tissues by Quantitative Real-Time RT-PCR. <i>Methods in Molecular Biology</i> , 2020, 2099, 99-106.	0.4	5
1502	Proximity Labeling for the Identification of Coronavirusâ€™Host Protein Interactions. <i>Methods in Molecular Biology</i> , 2020, 2203, 187-204.	0.4	4
1503	Influenza, Measles, SARS, MERS, and Smallpox. , 2020, , 69-96.		3
1504	Human Acute and Chronic Viruses: Host-Pathogen Interactions and Therapeutics. , 2020, , 1-120.		3
1505	Classical Coronaviruses. <i>Medical Virology</i> , 2020, , 141-150.	2.1	11
1506	The epidemiology and clinical information about COVID-19. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2020, 39, 1011-1019.	1.3	424
1507	SARS-CoV-2: the emergence of a viral pathogen causing havoc on human existence. <i>Journal of Genetics</i> , 2020, 99, 1.	0.4	31
1508	French Pharmacovigilance Public System and COVID-19 Pandemic. <i>Drug Safety</i> , 2021, 44, 405-408.	1.4	14
1509	An accurate, high-speed, portable bifunctional electrical detector for COVID-19. <i>Science China Materials</i> , 2021, 64, 739-747.	3.5	29
1510	Rationale and design of the PRAETORIAN-COVID trial: A double-blind, placebo-controlled randomized clinical trial with valsartan for PRevention of Acute rEspiraTORy dlstress syndrome in hospitaLized patieNts with SARS-COV-2 Infection Disease. <i>American Heart Journal</i> , 2020, 226, 60-68.	1.2	12
1511	Pathogenesis of SARS-CoV-2 in Transgenic Mice Expressing Human Angiotensin-Converting Enzyme 2. <i>Cell</i> , 2020, 182, 50-58.e8.	13.5	502
1512	Structural Basis for RNA Replication by the SARS-CoV-2 Polymerase. <i>Cell</i> , 2020, 182, 417-428.e13.	13.5	672
1513	Immune characteristics analysis reveals two key inflammatory factors correlated to the expressions of SARS-CoV-2 S1-specific antibodies. <i>Genes and Diseases</i> , 2020, , .	1.5	6
1514	Compositional Variability and Mutation Spectra of Monophyletic SARS-CoV-2 Clades. <i>Genomics, Proteomics and Bioinformatics</i> , 2020, 18, 648-663.	3.0	8
1515	Peptides to combat viral infectious diseases. <i>Peptides</i> , 2020, 134, 170402.	1.2	42
1517	Predictive Model and Risk Factors for Case Fatality of COVID-19: A Cohort of 21,392 Cases in Hubei, China. <i>Innovation(China)</i> , 2020, 1, 100022.	5.2	16
1519	How Is the Coronavirus Spreading?. , 2020, , 7-20.		2
1520	How Does the COVID-19 Outbreak Compare to Seasonal and Pandemic Influenza?. , 2020, , 73-84.		1

#	ARTICLE	IF	CITATIONS
1521	Endothelial activation and dysfunction in COVID-19: from basic mechanisms to potential therapeutic approaches. <i>Signal Transduction and Targeted Therapy</i> , 2020, 5, 293.	7.1	284
1522	Genetic diversity and ecology of coronaviruses hosted by cave-dwelling bats in Gabon. <i>Scientific Reports</i> , 2020, 10, 7314.	1.6	30
1523	Exploring optimal control of epidemic spread using reinforcement learning. <i>Scientific Reports</i> , 2020, 10, 22106.	1.6	19
1524	Structure and regulation of coronavirus genomes: state-of-the-art and novel insights from SARS-CoV-2 studies. <i>Biochemical Society Transactions</i> , 2021, 49, 341-352.	1.6	32
1525	Identification of phytochemical inhibitors against main protease of COVID-19 using molecular modeling approaches. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 3760-3770.	2.0	137
1526	Antibody potency, effector function, and combinations in protection and therapy for SARS-CoV-2 infection in vivo. <i>Journal of Experimental Medicine</i> , 2021, 218, .	4.2	283
1527	COVID-19 Infection. <i>Anesthesiology</i> , 2020, 132, 1346-1361.	1.3	170
1528	Potential Mechanisms of Cardiac Injury and Common Pathways of Inflammation in Patients With COVID-19. <i>Critical Pathways in Cardiology</i> , 2021, 20, 44-52.	0.2	19
1529	Clinical manifestation and disease progression in COVID-19 infection. <i>Journal of the Chinese Medical Association</i> , 2021, 84, 3-8.	0.6	115
1530	A persistently infecting coronavirus in hibernating <i>Myotis lucifugus</i> , the North American little brown bat. <i>Journal of General Virology</i> , 2017, 98, 2297-2309.	1.3	44
1531	Insights into SARS-CoV-2, the Coronavirus Underlying COVID-19: Recent Genomic Data and the Development of Reverse Genetics Systems. <i>Journal of General Virology</i> , 2020, 101, 1021-1024.	1.3	4
1532	Predicting the recombination potential of severe acute respiratory syndrome coronavirus 2 and Middle East respiratory syndrome coronavirus. <i>Journal of General Virology</i> , 2020, 101, 1251-1260.	1.3	12
1533	Potential RNA-dependent RNA polymerase inhibitors as prospective therapeutics against SARS-CoV-2. <i>Journal of Medical Microbiology</i> , 2020, 69, 864-873.	0.7	49
1662	Molecular detection of SARS-CoV-2 in formalin-fixed, paraffin-embedded specimens. <i>JCI Insight</i> , 2020, 5, .	2.3	80
1663	A quick look at the latest developments in the COVID-19 pandemic. <i>Journal of International Medical Research</i> , 2020, 48, 030006052094380.	0.4	3
1664	Methodology for sampling and detection of airborne coronavirus including SARS-CoV-2. <i>Indoor and Built Environment</i> , 2022, 31, 1234-1241.	1.5	6
1665	Early use of nitazoxanide in mild COVID-19 disease: randomised, placebo-controlled trial. <i>European Respiratory Journal</i> , 2021, 58, 2003725.	3.1	117
1666	Influenza, pandemics and SARS. , 2019, , 393-399.		2

#	ARTICLE	IF	CITATIONS
1667	Stem cell therapy: a potential approach for treatment of influenza virus and coronavirus-induced acute lung injury. <i>Stem Cell Research and Therapy</i> , 2020, 11, 192.	2.4	34
1668	Short report on implications of Covid-19 and emerging zoonotic infectious diseases for pastoralists and Africa. <i>Pastoralism</i> , 2020, 10, 12.	0.3	10
1669	Epidemiology of CoViD-19 Pandemic: Recovery and mortality ratio around the globe. <i>Pakistan Journal of Medical Sciences</i> , 2020, 36, S79-S84.	0.3	29
1670	Prediction of repurposed drugs for treating lung injury in COVID-19. <i>F1000Research</i> , 2020, 9, 609.	0.8	21
1671	Prediction of repurposed drugs for treating lung injury in COVID-19. <i>F1000Research</i> , 2020, 9, 609.	0.8	26
1672	Novel respiratory infectious diseases in Korea. <i>Yeungnam University Journal of Medicine</i> , 2020, 37, 286-295.	0.7	4
1673	COVID-19 in a Patient Treated for Granulomatosis with Polyangiitis: Persistent Viral Shedding with No Cytokine Storm. <i>European Journal of Case Reports in Internal Medicine</i> , 2019, 7, 001922.	0.2	15
1674	Management of cancer patients during COVID-19 pandemic at developing countries. <i>World Journal of Clinical Cases</i> , 2020, 8, 3390-3404.	0.3	16
1675	COVID-19: A review of what radiologists need to know. <i>World Journal of Clinical Cases</i> , 2020, 8, 5501-5512.	0.3	1
1676	Gastrointestinal and hepatic manifestations of COVID-19 infection: Lessons for practitioners. <i>World Journal of Meta-analysis</i> , 2020, 8, 348-374.	0.1	2
1677	Targeting TMPRSS2 and Cathepsin B/L together may be synergistic against SARS-CoV-2 infection. <i>PLoS Computational Biology</i> , 2020, 16, e1008461.	1.5	106
1678	How to choose the best control strategy? Mathematical models as a tool for pre-intervention evaluation on a macroparasitic disease. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008789.	1.3	2
1679	Identification of diverse viruses in upper respiratory samples in dromedary camels from United Arab Emirates. <i>PLoS ONE</i> , 2017, 12, e0184718.	1.1	27
1680	Epidemiology characteristics of human coronaviruses in patients with respiratory infection symptoms and phylogenetic analysis of HCoV-OC43 during 2010-2015 in Guangzhou. <i>PLoS ONE</i> , 2018, 13, e0191789.	1.1	112
1681	Molecular detection and prevalence of SARS-CoV-2 during the early outbreak in Southern Bangladesh. <i>International Journal of One Health</i> , 2020, 6, 153-159.	0.6	7
1682	Children facing natural, economic and public health crisis in Europe: The risks of a predictable unpredictability. <i>Turk Pediatri Arsivi</i> , 2020, 55, 4-9.	0.9	10
1683	CORONAVIRUS COVID-19 DISEASE, MENTAL HEALTH AND PSYCHOSOCIAL SUPPORT. <i>Society Register</i> , 2020, 4, 33-48.	0.2	66
1684	Managing primary immunodeficiency during the COVID-19 pandemic. <i>LymphoSign Journal</i> , 2020, 7, 85-89.	0.1	4

#	ARTICLE	IF	CITATIONS
1685	Coronaviruses widespread on nonliving surfaces: important questions and promising answers. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2020, 75, 363-367.	0.6	3
1686	SARS-CoV-2 receptor ACE2 and TMPRSS2 are primarily expressed in bronchial transient secretory cells. EMBO Journal, 0, , e105114.	3.5	340
1687	Humanized COVID-19 decoy antibody effectively blocks viral entry and prevents SARS-CoV-2 infection. EMBO Molecular Medicine, 2021, 13, e12828.	3.3	43
1688	Coronaviruses: SARS, MERS and COVID-19. Korean Journal of Clinical Laboratory Science, 2020, 52, 297-309.	0.1	12
1689	COVID-19: The need of an integrated and critical view. Ethnobiology and Conservation, 0, , .	0.0	9
1690	Digesting the crisis: autophagy and coronaviruses. Microbial Cell, 2020, 7, 119-128.	1.4	59
1691	Synanthropic rodents as virus reservoirs and transmitters. Revista Da Sociedade Brasileira De Medicina Tropical, 2020, 53, e20190486.	0.4	15
1692	Excesso de mortalidade no Brasil em tempos de COVID-19. Ciencia E Saude Coletiva, 2020, 25, 3345-3354.	0.1	59
1693	COVID-19: Perspectives for the management of dental care and education. Journal of Applied Oral Science, 2020, 28, e20200358.	0.7	34
1694	The COVID-19 Pandemic - A Global Public Health Crisis: A Brief Overview Regarding Pharmacological Interventions. Pesquisa Brasileira Em Odontopediatria E Clinica Integrada, 2020, 20, .	0.7	9
1695	Pregnancy and COVID-19: management and challenges. Revista Do Instituto De Medicina Tropical De Sao Paulo, 2020, 62, e62.	0.5	43
1696	SARS-CoV-2 infections with emphasis on pediatric patients: a narrative review. Revista Do Instituto De Medicina Tropical De Sao Paulo, 2020, 62, e65.	0.5	12
1697	Una nueva zoonosis viral de preocupaci3n global. Iatreia, 2020, 33, 107-110.	0.1	20
1698	Potential inhibitors of protease 3CLpro virus COVID-19: drug reposition. Biomedical Chemistry Research and Methods, 2020, 3, e00124.	0.1	5
1699	Chitosan-drug encapsulation as a potential candidate for COVID-19 drug delivery systems: A review. Journal of the Turkish Chemical Society, Section A: Chemistry, 2020, 7, 851-864.	0.4	8
1700	Comparison of clinical characteristics and outcomes of patients with coronavirus disease 2019 at different ages. Aging, 2020, 12, 10070-10086.	1.4	55
1701	SARS-CoV-2, immunosenescence and inflammaging: partners in the COVID-19 crime. Aging, 2020, 12, 18778-18789.	1.4	43
1702	An Ethical Dilemma in SARS-Cov-2 Pandemic : Who Gets the Ventilator?. European Scientific Journal, 2020, 16, .	0.0	1

#	ARTICLE	IF	CITATIONS
1703	EFFICACY AND SAFETY OF SOME ETIOTROPIC THERAPEUTIC SCHEMES FOR TREATING PATIENTS WITH NOVEL CORONAVIRUS INFECTION (COVID-19). <i>Farmatsiya I Farmakologiya</i> , 2020, 8, 150-159.	0.2	6
1704	Inflammatory bowel disease amid the COVID-19 pandemic: impact, management strategies, and lessons learned. <i>Annals of Gastroenterology</i> , 2020, 33, 591-602.	0.4	13
1705	Pandemic of Infectious Diseases due to New Etiological Agents Predisposing Factors, Case study of COVID19 and Control Measures. <i>International Journal of Current Microbiology and Applied Sciences</i> , 2020, 9, 3424-3457.	0.0	1
1706	An effective DNA vaccine platform for Middle East respiratory syndrome coronavirus. <i>Annals of Translational Medicine</i> , 2016, 4, 499-499.	0.7	6
1709	Candidate Targets for Immune Responses to 2019-Novel Coronavirus (nCoV): Sequence Homology- and Bioinformatic-Based Predictions. <i>SSRN Electronic Journal</i> , 2020, , 3541361.	0.4	13
1710	Clinical Characteristics of 457 Cases with Coronavirus Disease 2019. <i>SSRN Electronic Journal</i> , 0, , .	0.4	2
1711	Epidemiological and Transmission Patterns of Pregnant Women with 2019 Coronavirus Disease in China. <i>SSRN Electronic Journal</i> , 0, , .	0.4	12
1712	Remdesivir Potently Inhibits SARS-CoV-2 in Human Lung Cells and Chimeric SARS-CoV Expressing the SARS-CoV-2 RNA Polymerase in Mice. <i>SSRN Electronic Journal</i> , 0, , .	0.4	15
1713	Clinical Features and Outcomes of Parkinson's Disease with Coronavirus Disease 2019 (COVID-19) in Wuhan: A Single Center, Retrospective, Observational Study. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
1714	SARS-CoV-2 Infection of Ocular Cells from Human Adult Donor Eyes and hESC-Derived Eye Organoids. <i>SSRN Electronic Journal</i> , 2020, , 3650574.	0.4	31
1715	Drug Repurposing Screens Reveal FDA Approved Drugs Active Against SARS-CoV-2. <i>SSRN Electronic Journal</i> , 0, , .	0.4	7
1716	Paired Heavy and Light Chain Signatures Contribute to Potent SARS-CoV-2 Neutralization in Public Antibody Responses. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
1717	Phytochemicals as Potential Curative Agents against Viral Infection: A Review. <i>Current Organic Chemistry</i> , 2020, 24, 2356-2366.	0.9	4
1718	The Role of the Global Health Development/Eastern Mediterranean Public Health Network and the Eastern Mediterranean Field Epidemiology Training Programs in Preparedness for COVID-19. <i>JMIR Public Health and Surveillance</i> , 2020, 6, e18503.	1.2	26
1719	Use of Rapid Online Surveys to Assess People's Perceptions During Infectious Disease Outbreaks: A Cross-sectional Survey on COVID-19. <i>Journal of Medical Internet Research</i> , 2020, 22, e18790.	2.1	340
1720	Nomogram for Predicting COVID-19 Disease Progression Based on Single-Center Data: Observational Study and Model Development. <i>JMIR Medical Informatics</i> , 2020, 8, e19588.	1.3	7
1721	The COVID-19 Infodemic: Infodemiology Study Analyzing Stigmatizing Search Terms. <i>Journal of Medical Internet Research</i> , 2020, 22, e22639.	2.1	39
1724	Coronavirus, diagnóstico y estrategias epidemiológicas contra COVID-19 en México. <i>Educacion Quimica</i> , 2020, 31, 12.	0.1	6

#	ARTICLE	IF	CITATIONS
1725	Vaccines against Coronavirus Disease: Target Proteins, Immune Responses, and Status of Ongoing Clinical Trials. <i>Journal of Pure and Applied Microbiology</i> , 2020, 14, 2253-2263.	0.3	3
1726	Importance of Bats in Wildlife: Not Just Carriers of Pandemic SARS-CoV-2 and Other Viruses. <i>Journal of Pure and Applied Microbiology</i> , 2020, 14, 709-712.	0.3	4
1727	Antigenic properties of sARs-CoV-2/human/RUs/nsk-FRCFtM-1/2020 coronavirus isolate from a patient in novosibirsk. <i>Jurnal Infektologii</i> , 2020, 12, 42-50.	0.1	9
1728	Zoonotic origins of human coronavirus 2019 (HCoV-19 / SARS-CoV-2): why is this work important?. <i>Zoological Research</i> , 2020, 41, 213-219.	0.9	76
1729	Comparison of COVID-19 relevant knowledge and attitudes of clinical and preclinical dental students in Turkey. <i>Balkan Journal of Dental Medicine</i> , 2020, 24, 127-133.	0.2	7
1735	Knowledge, Attitude and Practice of Dentists in Coronavirus Disease 2019 Pandemic in Turkey. , 2020, 54, 86-91.		5
1736	Assessments of Anxiety Levels and Working Conditions of Health Employees Working in COVID-19 Pandemic Hospitals. <i>Electronic Journal of General Medicine</i> , 2020, 17, em246.	0.3	25
1737	Pediatric neurosurgery during the COVID-19 pandemic: update and recommendations from the Brazilian Society of Pediatric Neurosurgery. <i>Neurosurgical Focus</i> , 2020, 49, E2.	1.0	10
1738	COVID-19 and physical activity: What is the relation between exercise immunology and the current pandemic situation?. <i>Revista Brasileira De Fisiologia Do Exercício</i> , 2020, 19, 20.	0.0	3
1739	Parental Engagement in Children's Online Learning During COVID-19 Pandemic. <i>Journal of Teaching and Learning in Elementary Education (jtlee)</i> , 2020, 3, 117.	0.1	60
1740	COVID-19 AND OBESITY: A SYSTEMATIC REVIEW. <i>Önümüzdeki Yıllarda Üniversiteleri Sağlık Hizmetleri Meslek Yüksekokulu Dergisi</i> , 0, , .	0.1	2
1741	Is There a Link Between the Pathogenic Human Coronavirus Envelope Protein and Immunopathology? A Review of the Literature. <i>Frontiers in Microbiology</i> , 2020, 11, 2086.	1.5	50
1742	Probiotics as a Weapon in the Fight Against COVID-19. <i>Frontiers in Nutrition</i> , 2020, 7, 614986.	1.6	19
1743	The Large Action of Chlorpromazine: Translational and Transdisciplinary Considerations in the Face of COVID-19. <i>Frontiers in Pharmacology</i> , 2020, 11, 577678.	1.6	29
1744	Proteasome Inhibitors as a Possible Therapy for SARS-CoV-2. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3622.	1.8	45
1745	Venous Thromboembolism and Its Association with COVID-19: Still an Open Debate. <i>Medicina (Lithuania)</i> , 2020, 56, 506.	0.8	12
1746	COVID-19: A Global Challenge with Old History, Epidemiology and Progress So Far. <i>Molecules</i> , 2021, 26, 39.	1.7	296
1747	Fluoroquinolone Antibiotics Exhibit Low Antiviral Activity against SARS-CoV-2 and MERS-CoV. <i>Viruses</i> , 2021, 13, 8.	1.5	27

#	ARTICLE	IF	CITATIONS
1748	The Main Molecular and Serological Methods for Diagnosing COVID-19: An Overview Based on the Literature. <i>Viruses</i> , 2021, 13, 40.	1.5	50
1750	COVID-19 pandemic: Its impact on liver disease and liver transplantation. <i>World Journal of Gastroenterology</i> , 2020, 26, 2987-2999.	1.4	54
1751	COVID-19 pandemic: Pathophysiology and manifestations from the gastrointestinal tract. <i>World Journal of Gastroenterology</i> , 2020, 26, 4579-4588.	1.4	125
1752	Origin and genomic characteristics of SARS-CoV-2 and its interaction with angiotensin converting enzyme type 2 receptors, focusing on the gastrointestinal tract. <i>World Journal of Gastroenterology</i> , 2020, 26, 6335-6345.	1.4	7
1755	The novel zoonotic COVID-19 pandemic: An expected global health concern. <i>Journal of Infection in Developing Countries</i> , 2020, 14, 254-264.	0.5	180
1756	Knowledge, attitude and preventive practices related to COVID-19 among health professionals of Punjab province of Pakistan. <i>Journal of Infection in Developing Countries</i> , 2020, 14, 707-712.	0.5	41
1757	A review of the prevalence of COVID-19 in the Arab world. <i>Journal of Infection in Developing Countries</i> , 2020, 14, 1238-1245.	0.5	12
1758	Running of high patient volume radiation oncology department during COVID-19 crisis in India: our institutional strategy. <i>Radiation Oncology Journal</i> , 2020, 38, 93-98.	0.7	7
1759	The value of serum amyloid A for predicting the severity and recovery of COVID-19. <i>Experimental and Therapeutic Medicine</i> , 2020, 20, 3571-3577.	0.8	24
1760	An integrative look at SARS-CoV-2 (Review). <i>International Journal of Molecular Medicine</i> , 2020, 47, 415-434.	1.8	17
1761	Practical Measures to Prevent COVID-19: A Mini-Review. <i>Journal of Biological Sciences</i> , 2020, 20, 100-102.	0.1	13
1762	Age-Related Morbidity and Mortality among Patients with COVID-19. <i>Infection and Chemotherapy</i> , 2020, 52, 154.	1.0	372
1763	COVID-19: Coronavirus replication, pathogenesis, and therapeutic strategies. <i>Cleveland Clinic Journal of Medicine</i> , 2020, 87, 321-327.	0.6	43
1764	Lung pathology in COVID-19: A systematic review. <i>International Journal of Applied & Basic Medical Research</i> , 2020, 10, 226.	0.2	18
1765	COVID 19 and acute kidney injury. <i>Indian Journal of Nephrology</i> , 2020, 30, 161.	0.2	14
1766	Epidemiology, genomic structure, the molecular mechanism of injury, diagnosis and clinical manifestations of coronavirus infection: An overview. <i>Indian Journal of Nephrology</i> , 2020, 30, 143.	0.2	6
1767	Drug for corona virus: A systematic review. <i>Indian Journal of Pharmacology</i> , 2020, 52, 56.	0.4	402
1768	Childhood Rheumatic Diseases and COVID-19 Pandemic: An Intriguing Linkage and a New Horizon. <i>Balkan Medical Journal</i> , 2020, 37, 184-188.	0.3	24

#	ARTICLE	IF	CITATIONS
1769	Immunological aspects of COVID-19: What do we know?. World Journal of Biological Chemistry, 2020, 11, 14-29.	1.7	30
1770	Complex mechanism of COVID-19 development. SeÄenovskij Vestnik, 2020, 11, 50-61.	0.3	13
1771	Racemization Hypothesis of COVID-19. Tip of the Iceberg. Journal of Psychology and Neuroscience, 0, , .	0.0	1
1772	COVID-19 Pandemic: A New Chapter in the History of Infectious Diseases. Oman Medical Journal, 2020, 35, e123-e123.	0.3	85
1773	Coronavirus infections in childhood and vaccine studies. Turkish Archives of Pediatrics, 2020, 55, 10-14.	0.5	16
1774	Mitigate the cytokine storm due to the severe COVID-19: A computational investigation of possible allosteric inhibitory actions on IL-6R and IL-1R using selected phytochemicals. European Journal of Chemistry, 2020, 11, 351-363.	0.3	3
1775	The emergence of novel coronavirus disease (COVID-19) in Bangladesh: Present status, challenges, and future management. Journal of Advanced Veterinary and Animal Research, 2020, 7, 198.	0.5	25
1776	COVID-19 compared to other epidemic coronavirus diseases and the flu. World Journal of Clinical Infectious Diseases, 2020, 10, 1-13.	0.5	8
1777	Male Fertility and the COVID-19 Pandemic: Systematic Review of the Literature. World Journal of Men's Health, 2020, 38, 506.	1.7	78
1778	Tracking zoonotic pathogens using blood-sucking flies as 'flying syringes'. ELife, 2017, 6, .	2.8	35
1779	Endangered wild salmon infected by newly discovered viruses. ELife, 2019, 8, .	2.8	66
1780	COVID-19: molecular and serological detection methods. PeerJ, 2020, 8, e10180.	0.9	27
1781	Insights on early mutational events in SARS-CoV-2 virus reveal founder effects across geographical regions. PeerJ, 2020, 8, e9255.	0.9	30
1782	A comparison of COVID-19, SARS and MERS. PeerJ, 2020, 8, e9725.	0.9	72
1783	Computational perspectives revealed prospective vaccine candidates from five structural proteins of novel SARS corona virus 2019 (SARS-CoV-2). PeerJ, 2020, 8, e9855.	0.9	8
1784	Gastrointestinal Infection Could Be New Focus for Coronavirus Diagnosis. Cureus, 2020, 12, e7422.	0.2	40
1785	Severe Acute Respiratory Syndrome Coronavirus-2 (SARS-CoV-2): An Update. Cureus, 2020, 12, e7423.	0.2	482
1786	Cardiac Manifestations of Coronavirus Disease 2019 (COVID-19): A Comprehensive Review. Cureus, 2020, 12, e8021.	0.2	25

#	ARTICLE	IF	CITATIONS
1787	Novel COVID-19: A Comprehensive Review of Transmission, Manifestation, and Pathogenesis. <i>Cureus</i> , 2020, 12, e8184.	0.2	47
1788	Chloroquine and COVID-19 – a potential game changer?. <i>Clinical Medicine</i> , 2020, 20, 278-281.	0.8	19
1789	Can the application of graphene oxide contribute to the fight against COVID-19? Antiviral activity, diagnosis and prevention. <i>Current Research in Pharmacology and Drug Discovery</i> , 2021, 2, 100062.	1.7	17
1790	Cytomorphic Electronic Systems: A review and perspective. <i>IEEE Nanotechnology Magazine</i> , 2021, 15, 41-53.	0.9	5
1791	Thermodynamics and kinetics in antibody resistance of the 501Y.V2 SARS-CoV-2 variant. <i>RSC Advances</i> , 2021, 11, 33438-33446.	1.7	3
1792	Identification of novel TMPRSS2 inhibitors for COVID-19 using e-pharmacophore modelling, molecular docking, molecular dynamics and quantum mechanics studies. <i>Informatics in Medicine Unlocked</i> , 2021, 26, 100758.	1.9	15
1793	Virology of SARS-CoV-2 and management of nCOVID-19 utilizing Immunomodulation properties of human mesenchymal stem cells – a literature review. <i>Stem Cell Investigation</i> , 2021, 8, 0-0.	1.3	1
1794	The Saudi Response to the COVID-19 Pandemic and Its Economic Implications: Entrepreneurial Threats and Opportunities. , 2021, , 97-114.		5
1795	Screening of COVID-19 Suspected Subjects Using Multi-Crossover Genetic Algorithm Based Dense Convolutional Neural Network. <i>IEEE Access</i> , 2021, 9, 142566-142580.	2.6	48
1796	Targeting a conserved structural element from the SARS-CoV-2 genome using <sc> </sc>-DNA aptamers. <i>RSC Chemical Biology</i> , 2022, 3, 79-84.	2.0	9
1797	Immune Responses to MERS-CoV in Humans and Animals. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1313, 85-97.	0.8	0
1798	Coronavirus persistence in human respiratory tract and cell culture: An overview. <i>Brazilian Journal of Infectious Diseases</i> , 2021, 25, 101632.	0.3	14
1799	The Relation of the Viral Structure of SARS-CoV-2, High-Risk Condition, and Plasma Levels of IL-4, IL-10, and IL-15 in COVID-19 Patients Compared to SARS and MERS Infections. <i>Current Molecular Medicine</i> , 2022, 22, 584-593.	0.6	3
1800	Suppression of O-Linked Glycosylation of the SARS-CoV-2 Spike by Quaternary Structural Restraints. <i>Analytical Chemistry</i> , 2021, 93, 14392-14400.	3.2	12
1801	A review of COVID-19: Treatment strategies and CRISPR/Cas9 gene editing technology approaches to the coronavirus disease. <i>Saudi Journal of Biological Sciences</i> , 2021, 29, 860-860.	1.8	5
1802	Association of HLA class I and II genes with Middle East respiratory syndrome coronavirus infection in Koreans. <i>Immunity, Inflammation and Disease</i> , 2022, 10, 111-116.	1.3	4
1803	Host factors: Implications in immunopathogenesis of COVID-19. <i>Pathology Research and Practice</i> , 2021, 228, 153647.	1.0	3
1804	Inhibition Potencies of Phytochemicals Derived from Sesame Against SARS-CoV-2 Main Protease: A Molecular Docking and Simulation Study. <i>Frontiers in Chemistry</i> , 2021, 9, 744376.	1.8	24

#	ARTICLE	IF	CITATIONS
1805	Pharmacological Significance of Hesperidin and Hesperetin, Two Citrus Flavonoids, as Promising Antiviral Compounds for Prophylaxis Against and Combating COVID-19. <i>Natural Product Communications</i> , 2021, 16, 1934578X2110425.	0.2	19
1806	Coronavirus disease 2019 (COVID-19): NETosis-associated mechanisms of progression and prospects for therapy regulating the formation of neutrophil extracellular traps (NETs). <i>Acta Biomedica Scientifica</i> , 2021, 6, 64-73.	0.1	1
1807	Heterologous humoral immunity to human and zoonotic coronaviruses: Aiming for the achilles heel. <i>Seminars in Immunology</i> , 2021, 55, 101507.	2.7	16
1808	Potential Novel Thioether-Amide or Guanidine-Linker Class of SARS-CoV-2 Virus RNA-Dependent RNA Polymerase Inhibitors Identified by High-Throughput Virtual Screening Coupled to Free-Energy Calculations. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11143.	1.8	11
1809	Evaluation of early antibiotic use in patients with non-severe COVID-19 without bacterial infection. <i>International Journal of Antimicrobial Agents</i> , 2022, 59, 106462.	1.1	13
1811	Fighting coronaviruses with natural polyphenols. <i>Biocatalysis and Agricultural Biotechnology</i> , 2021, 37, 102179.	1.5	18
1812	Within Host Dynamics of SARS-CoV-2 in Humans: Modeling Immune Responses and Antiviral Treatments. <i>SN Computer Science</i> , 2021, 2, 482.	2.3	34
1813	Pharmacotherapy for SARS-CoV-2 and Seizures for Drug Repurposing Presumed on Mechanistic Targets. <i>Current Molecular Pharmacology</i> , 2022, 15, 832-845.	0.7	1
1814	Do interferons play a role in COVID-19?. <i>International Journal of Clinical Practice</i> , 2021, 75, e14721.	0.8	1
1815	Pathogenesis, Symptomatology, and Transmission of SARS-CoV-2 through Analysis of Viral Genomics and Structure. <i>MSystems</i> , 2021, 6, e0009521.	1.7	26
1816	Food and immunity: a pragmatic approach to mitigate corona viruses attack. <i>Nutrition and Food Science</i> , 2022, 52, 346-365.	0.4	2
1817	Multisystemic inflammatory syndrome in children with COVID-19: a rheumatology perspective. <i>Revista Colombiana De Reumatología (English Edition)</i> , 2021, 28, 289-289.	0.1	0
1818	A Comprehensive Overview of the Newly Emerged COVID-19 Pandemic: Features, Origin, Genomics, Epidemiology, Treatment, and Prevention. <i>Biologics</i> , 2021, 1, 357-383.	2.3	8
1819	A Comparative Study of Protein Sequences Classification-Based Machine Learning Methods for COVID-19 Virus against HIV-1. <i>Applied Artificial Intelligence</i> , 2021, 35, 1733-1745.	2.0	4
1820	A Simple Approach for Counting CD4+ T Cells Based on a Combination of Magnetic Activated Cell Sorting and Automated Cell Counting Methods. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 9786.	1.3	1
1821	Malaria, COVID-19 and angiotensin-converting enzyme 2: what does the available population data say?. <i>Open Biology</i> , 2021, 11, 210213.	1.5	2
1822	COVID-19 Prevalence and Outcomes among Individuals with Rheumatoid Arthritis and Systemic Lupus Erythematosus Taking Hydroxychloroquine; A Retrospective Analysis. <i>Open Rheumatology Journal</i> , 2021, 15, 69-76.	0.1	1
1823	Seaweed-Derived Sulfated Polysaccharides as Potential Agents for Prevention and Treatment of Influenza and COVID-19. <i>Antibiotiki i Khimioterapiya</i> , 2021, 66, 50-66.	0.1	3

#	ARTICLE	IF	CITATIONS
1824	Focusing Treatment on Pregnant Women With COVID Disease. <i>Frontiers in Global Women S Health</i> , 2021, 2, 590945.	1.1	8
1825	Therapeutic strategies for Covid-19 based on molecular docking and dynamic studies to the ACE-2 receptors, Furin, and viral spike proteins. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 13291-13309.	2.0	24
1827	The Influence of Helminth Immune Regulation on COVID-19 Clinical Outcomes: Is it Beneficial or Detrimental?. <i>Infection and Drug Resistance</i> , 2021, Volume 14, 4421-4426.	1.1	12
1828	Codification Problems of Legislation on Sanitary and Epidemiological Welfare of the Population of the Russian Federation. <i>Siberian Law Review</i> , 2021, 18, 216-227.	0.1	1
1829	Development of a highly specific and sensitive VHH-based sandwich immunoassay for the detection of the SARS-CoV-2 nucleoprotein. <i>Journal of Biological Chemistry</i> , 2022, 298, 101290.	1.6	16
1831	Spike Glycoprotein Is Central to Coronavirus Pathogenesis-Parallel Between m-CoV and SARS-CoV-2. <i>Annals of Neurosciences</i> , 2021, 28, 201-218.	0.9	7
1832	COVID-19 and the lungs: A review. <i>Journal of Infection and Public Health</i> , 2021, 14, 1708-1714.	1.9	19
1833	Sterilizing Immunity against COVID-19: Developing Helper T cells I and II activating vaccines is imperative. <i>Biomedicine and Pharmacotherapy</i> , 2021, 144, 112282.	2.5	10
1834	Association of Vitamin D receptor gene polymorphisms and clinical/severe outcomes of COVID-19 patients. <i>Infection, Genetics and Evolution</i> , 2021, 96, 105098.	1.0	26
1838	Lead Molecule Prediction and Characterization for Designing MERS-CoV 3C-like Protease Inhibitors: An In silico Approach. <i>Current Computer-Aided Drug Design</i> , 2018, 15, 82-88.	0.8	2
1841	Evidence of new coronavirus infection in the upper respiratory tract. <i>Rossiiskaya Rinologiya</i> , 2020, 28, 157.	0.1	4
1842	Induced Pluripotent Stem Cell Derived Human Lung Organoids to Map and Treat the SARS-CoV2 Infections In Vitro. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1312, 1-17.	0.8	2
1843	An Antenatal Care Awareness Prototype Chatbot Application Using a User-Centric Design Approach. <i>Lecture Notes in Computer Science</i> , 2020, , 20-31.	1.0	4
1851	A REVIEW ON THE BEGINNING, SPREADING AND TREATMENT OF CORONAVIRUS (COVID-19). , 2020, 04, 443-448.		0
1852	Bloqueo auriculo-ventricular avanzado y bradicardia extrema como síntomas iniciales de Covid-19: Reporte de un caso. <i>Revista Bionatura</i> , 2020, 5, 1131-1134.	0.1	3
1856	COVID-19 and Intrauterine Fetal Death (IUFD): Possible Immunological Causes and Pathologies. <i>Archives of Health Science</i> , 0, , 1-8.	0.0	1
1857	Crohn's disease discovered by colon adenocarcinoma. <i>Gastroenterology & Hepatology (Bartlesville)</i> , Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.0	0
1858	Pentoxifylline: An Immunomodulatory Drug for the Treatment of COVID-19. <i>Journal of Pure and Applied Microbiology</i> , 2020, 14, 861-867.	0.3	3

#	ARTICLE	IF	CITATIONS
1859	COVID-19 â€” Ð° new viral infection: pathogenesis, diagnostics, treatment. Tuberculosis Lung Diseases HIV Infection, 2020, .	0.3	2
1860	Immune Status of COVID-19 Patients with Reference to SARS and MERS. Journal of Pure and Applied Microbiology, 2020, 14, 817-821.	0.3	1
1861	A propÃ³sito del SARS CoV 2/ COVID 19 Â¿QuÃ© hemos aprendido de las pandemias?. Revista Avances En Salud, 2020, 4, 6-10.	0.0	1
1863	CORONAVIRUSES: THERE AND BACK AGAIN. Ars Veterinaria, 2020, 36, 59.	0.1	1
1865	COVID-19 Disease in Children: Clinical Course, Diagnosis and Treatment Overview and Literature Data Compilation. Konuralp Tip Dergisi, 0, , 316-325.	0.1	1
1868	Fundamental Basis of COVID-19 Pathogenesis. Serbian Journal of Experimental and Clinical Research, 2020, 21, 93-111.	0.2	3
1869	PATHOGENETIC RATIONALE FOR THE USE OF Ð¿ELL THERAPY IN LUNG INJURY ASSOCIATED WITH SARS-COV-2. Innovative Medicine of Kuban, 2020, , 69-78.	0.0	1
1870	Covid â€” 19: Cuidados farmacÃ©uticos durante a pandemia. Revista UNIARA, 2020, 23, .	0.1	2
1872	Lessons Learned from SARS-CoV and MERS-CoV: Preparation for SARS-CoV-2 induced COVID-19. Journal of Bacteriology and Virology, 2020, 50, 76-96.	0.0	1
1874	COVID-19 and the dental profession: Establishing a safe dental practice for the coronavirus era. Journal of Global Oral Health, 0, 3, 41-48.	0.0	3
1875	Biological Therapy During COVID-19. Voprosy Sovremennoi Pediatrii - Current Pediatrics, 2020, 19, 116-122.	0.1	2
1876	Strength and Weakness of Molecular Identification Strategies Against Causative Viral Agent from Emerging COVID-19. Journal of Bacteriology and Virology, 2020, 50, 65-75.	0.0	0
1877	COVID-19: A Centennial Pandemic from Origin to Clinical Trials. Acta Biologica Marisiensis, 2020, 3, 30-52.	0.1	1
1878	Empiric Therapies for COVIDâ€”19: Destined to Fail by Ignoring the Lessons of History. Journal of Hospital Medicine, 2020, 15, 434-436.	0.7	1
1879	SARS-CoV-2 ile Ä°liÅŸkili Akut BÃ¶brek HasarÄ±. Dicle Medical Journal, 0, , 498-507.	0.2	4
1885	Analysis of Data on Socio-Demographic and Clinical Factors of the COVID-19 Coronavirus Epidemic in Spain on Cases of Recovered and Death Cases. Modern Applied Science, 2020, 14, 9.	0.4	1
1890	Routes of Transmission 2019-nCoV and Optometry Practice. Journal of Multidisciplinary Research in Healthcare, 2020, 6, 11-23.	0.0	0
1895	Konoplja in COVID-19 / SARS-CoV-2: Znanstveniki med Scilo in Karibdo â€” laÃ¼ne novice ali resnica?. Alternator, 0, , .	0.0	0

#	ARTICLE	IF	CITATIONS
1896	A public-private partnership for the express development of antiviral leads: a perspective view. <i>Expert Opinion on Drug Discovery</i> , 2021, 16, 23-38.	2.5	2
1897	The empirical research of the professional reliability of 550 doctors during the COVID-19 pandemic in Ukraine (March-June, 2020). <i>Balneo Research Journal</i> , 2020, 11, 393-404.	0.4	0
1900	Survey on COVID-19-related mortality associated with occupational infection during the first phase of the pandemic: A systematic review. <i>Experimental and Therapeutic Medicine</i> , 2021, 23, 10.	0.8	10
1901	Advances in Field Detection Based on CRISPR/Cas System. <i>ACS Synthetic Biology</i> , 2021, 10, 2824-2832.	1.9	11
1902	The interplay between acute post-traumatic stress, depressive and anxiety symptoms on healthcare workers functioning during the COVID-19 emergency: A multicenter study comparing regions with increasing pandemic incidence. <i>Journal of Affective Disorders</i> , 2022, 298, 209-216.	2.0	32
1903	Topological Co-indices of Hydroxyethyl Starch Conjugated with Hydroxychloroquine Used for COVID-19 Treatment. <i>Polycyclic Aromatic Compounds</i> , 2022, 42, 7130-7142.	1.4	6
1904	Ultra-specific nucleic acid testing by target-activated nucleases. <i>Critical Reviews in Biotechnology</i> , 2022, 42, 1061-1078.	5.1	6
1905	Potential for Stem Cell-Based Therapy in the Road of Treatment for Neurological Disorders Secondary to COVID-19. <i>Regenerative Engineering and Translational Medicine</i> , 2022, 8, 355-369.	1.6	3
1906	Natural Apocarotenoids and Their Synthetic Glycopeptide Conjugates Inhibit SARS-CoV-2 Replication. <i>Pharmaceuticals</i> , 2021, 14, 1111.	1.7	7
1907	Tracking SARS-CoV-2: Novel Trends and Diagnostic Strategies. <i>Diagnostics</i> , 2021, 11, 1981.	1.3	13
1908	Comprehensive analyses of bioinformatics applications in the fight against COVID-19 pandemic. <i>Computational Biology and Chemistry</i> , 2021, 95, 107599.	1.1	21
1909	Immunosuppression for liver transplant recipients during the COVID-19 pandemic. <i>Annals of Liver Transplantation</i> , 2021, , .	0.4	0
1910	Respiratory Viral Pathogens in Solid Organ and Hematopoietic Stem Cell Transplant Recipients. , 2020, , 1-38.		0
1911	Further Important Characteristics of the SARS-CoV-2 IgG and IgA Antibody Response, Potentially Influencing Clinical Outcome: Immediate Antibody Degression and Dependency on Sex. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
1912	Retrospective cohort study comparing the epidemiological and clinical characteristics between imported and local COVID-19 inpatients in Nanyang, China. <i>Journal of Investigative Medicine</i> , 2021, 69, 704-709.	0.7	1
1913	Overcoming the Pandemic: Analysing the Ongoing Challenges in the Prevention of COVID-19 in India. <i>Journal of Health Management</i> , 2020, 22, 630-652.	0.4	3
1914	Formulating Strategies to Tackle COVID-19 Pandemic by Understanding its Molecular Mechanisms: A Review. <i>Biomedical and Pharmacology Journal</i> , 2020, 13, 1809-1813.	0.2	0
1915	Update on treatment and preventive interventions against COVID-19: an overview of potential pharmacological agents and vaccines. <i>Molecular Biomedicine</i> , 2020, 1, 16.	1.7	4

#	ARTICLE	IF	CITATIONS
1916	COVID-19 y prevención de brotes. Atención Familiar, 0, 27, 29.	0.0	1
1917	Initial study on SARS-CoV-2 main protease inhibition mechanism of some potential drugs using molecular docking simulation. Science and Technology, 2020, 58, 665-675.	0.1	0
1918	Narrative review of the novel coronavirus SARS-CoV-2: update on genomic characteristics, transmissions and animal model. Journal of Thoracic Disease, 2020, 12, 7454-7466.	0.6	1
1919	Therapeutic Options for the Treatment of 2019-Novel Coronavirus in India: A Review. Coronaviruses, 2022, 3, .	0.2	1
1920	Forecasting COVID-19 Cases using Multiple Statistical Models. , 2020, , .		2
1921	Transmisión de COVID-19 en el personal de salud del hospital Víctor Lazarte Echeagaray de Trujillo. Horizonte Médico, 2020, 21, e1371.	0.1	2
1922	Therapeutic approaches on the interaction between SARS-CoV2 and ACE2: a biochemical perspective. Turkish Journal of Biochemistry, 2020, 45, 643-650.	0.3	2
1923	Severe Acute Respiratory Syndrome Coronavirus 2: The Importance of Prompt Detection of Cardiovascular Involvement. Open Cardiovascular Medicine Journal, 2020, 14, 38-41.	0.6	0
1924	COVID-19 AĞILARI; PANDEMİDE SONA DOĞRU?. Journal of Biotechnology and Strategic Health Research, 0, , .	0.8	6
1925	GENOMICS OF SARS-COV-2: A STUDY. , 2020, , 36-37.		0
1926	2020, um problema de saúde em escala global: uma historiografia sobre a pandemia de CoViD-19 e aspectos relacionados à prática de atividade física. Revista De Educação Física / Journal of Physical Education, 2020, 89, 160-175.	0.2	3
1927	Major drugs used in COVID-19 treatment: molecular mechanisms, validation and current progress in trials. Coronaviruses, 2020, 01, .	0.2	1
1928	Peculiarities of community acquired pneumonia triggered by novel coronavirus SARS-CoV-2 (review). Bulletin Physiology and Pathology of Respiration, 2020, , 135-146.	0.0	1
1930	Pathogenesis of SARS-CoV-2 infection in humans. Pediatru Ro, 2020, 2, 10.	0.0	0
1931	From quarantine room: Physician perspective. Journal of Family Medicine and Primary Care, 2020, 9, 5092.	0.3	2
1932	Responding to COVID-19 pandemic: Why a strong health system is required. Indian Journal of Medical Research, 2020, 151, 140.	0.4	13
1933	Getting to Know SARS-CoV-2: Towards a Better Understanding of the Factors Influencing Transmission. Pesquisa Brasileira Em Odontopediatria E Clinica Integrada, 2020, 20, .	0.7	5
1934	A 'Burning Point' Is Found Before the Composite End Point Event Happened in Critically Ill Patients with COVID-19: A Multicenter Retrospective Study. SSRN Electronic Journal, 0, , .	0.4	1

#	ARTICLE	IF	CITATIONS
1935	The Importance of Systemic Balance in Safeguarding Health: A Randomized Double-Blind Clinical Trial on VLDL, Triglycerides, Free T3, Leptin, Ghrelin, Cortisol and Visceral Adipose Tissue. <i>Health</i> , 2020, 12, 1067-1084.	0.1	4
1936	<i>Global Health Security</i> , 2020, , 1-20.		1
1937	Union Budget 2020-21 and the Gender Budget Statement: A Critical Analysis from a Gender Perspective. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
1938	Crimean-Congo hemorrhagic fever virus another emerging disease. <i>Revista De Medicina De Laboratorio</i> , 2020, , .	0.0	0
1939	Comparison of Clinical Features between Critically and Non-Critically Ill Patients In SARS and COVID-19: A Systematic Review and Meta-Analysis. <i>SSRN Electronic Journal</i> , 0, , .	0.4	2
1940	Otorhinolaryngological manifestations in COVID-19 infections: An early indicator for isolating the positive cases. <i>Journal of the Scientific Society</i> , 2020, 47, 63.	0.1	14
1942	A User-Centric Framework for Educational Chatbots Design and Development. <i>Lecture Notes in Computer Science</i> , 2020, , 32-43.	1.0	16
1943	Investigating methods for Coronavirus Disease 2019 control: A systematic review. <i>Polish Annals of Medicine</i> , 0, , .	0.3	3
1944	Gastrointestinal Manifestation as Clinical Predictor of Severe COVID-19: A Retrospective Experience and Literature Review of COVID-19 in ASEAN. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
1945	Infecci3n por coronavirus en pacientes con diabetes. , 2020, 31, 235-246.		5
1946	The Positive and Negative Psychological Impact on Adolescents During COVID-19 Epidemic: A Large Sample Study in China. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
1947	Drivers of Emerging Viral Zoonoses. <i>Livestock Diseases and Management</i> , 2020, , 313-338.	0.5	1
1948	Contribution of antibody-dependent enhancement to the pathogenesis of coronavirus infections. <i>AIMS Allergy and Immunology</i> , 2020, 4, 50-59.	0.3	1
1949	Past, present, and future of COVID-19: a review. <i>Brazilian Journal of Medical and Biological Research</i> , 2020, 53, e10475.	0.7	9
1950	Utilize State Transition Matrix Model to Predict the Novel Corona Virus Infection Peak and Patient Distribution. <i>SSRN Electronic Journal</i> , 0, , .	0.4	4
1951	Recombination Potential of SARS-CoV-2 and MERS-CoV. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
1952	Management Strategies of Ultrasound Department in Response to the Epidemic Crisis. <i>Advanced Ultrasound in Diagnosis and Therapy</i> , 2020, 4, 90.	0.1	0
1953	Laparoscopic Surgery in Pandemic COVID-19. <i>Endoscopic Surgery</i> , 2020, 26, 59.	0.0	4

#	ARTICLE	IF	CITATIONS
1954	Viral Zoonoses: Wildlife Perspectives. <i>Livestock Diseases and Management</i> , 2020, , 339-378.	0.5	0
1955	Global stability and bifurcation of a COVID-19 virus modeling with possible loss of the immunity. <i>AIP Conference Proceedings</i> , 2020, , .	0.3	0
1956	The 3Câ€™s: COVID-19, Children, and Cardiac Surgery â€“ Do we know enough?. <i>Brazilian Journal of Cardiovascular Surgery</i> , 2020, 35, 1029-1030.	0.2	0
1957	Evaluation of COVID-19 Cognizance among Pharmacy Students of South India. <i>Asian Journal of Pharmaceutical Research and Health Care</i> , 2020, 13, 157-162.	0.0	0
1959	COVID-19: Virus or Viral Conspiracy Theories?. <i>American Journal of Biomedical Science & Research</i> , 2020, 8, 122-124.	0.2	5
1961	Koronavirüs enfeksiyonları ve yeni dâ€™man: COVID-19. <i>Adâ€™yaman Âœniversitesi SaÄ‘yâ€™k Bilimleri Dergisi</i> , 2020, 6, 118-127.	0.3	6
1963	Evidence Based Treatment of SARS-CoV2: A Narrative Review. <i>Turkish Thoracic Journal</i> , 2020, 21, 221-222.	0.2	2
1966	Covid-19 Pandemic and Its Effects on Dentistry: A Retrospective Study. <i>Clinical and Experimental Health Sciences</i> , 2021, 11, 819-824.	0.1	0
1967	A Novel Copper-Binding Peptide That Self-Assembles Into a Transparent Antibacterial and Antiviral Coating. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 736679.	2.0	4
1968	Measles outbreak amidst COVID-19 pandemic in Africa: grappling with looming crises. <i>Tropical Medicine and Health</i> , 2021, 49, 89.	1.0	4
1969	Immunopathology and Immunopathogenesis of COVID-19, what we know and what we should learn. <i>Gene Reports</i> , 2021, 25, 101417.	0.4	15
1970	Broad Spectrum Antiviral Properties of Cardiotonic Steroids Used as Potential Therapeutics for Emerging Coronavirus Infections. <i>Pharmaceutics</i> , 2021, 13, 1839.	2.0	13
1971	Ocular manifestations in COVID-19 patients: A systematic review and meta-analysis. <i>Travel Medicine and Infectious Disease</i> , 2021, 44, 102191.	1.5	36
1972	Pathogenic Basis of Thromboinflammation and Endothelial Injury in COVID-19: Current Findings and Therapeutic Implications. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12081.	1.8	21
1973	BPC 157 as Potential Treatment for COVID-19. <i>Medical Hypotheses</i> , 2022, 158, 110736.	0.8	9
1974	Identification and Development of Therapeutics for COVID-19. <i>MSystems</i> , 2021, 6, e0023321.	1.7	20
1975	Predictive value of platelet to lymphocyte ratio and neutrophil to lymphocyte ratio in evaluating both lung involvement and severity of patients with coronavirus disease 2019. <i>Journal of King Abdulaziz University, Islamic Economics</i> , 2021, 42, 1223-1228.	0.5	3
1976	SARS-CoV-2 environmental contamination from hospitalised patients with COVID-19 receiving aerosol-generating procedures. <i>Thorax</i> , 2022, 77, 259-267.	2.7	34

#	ARTICLE	IF	CITATIONS
1977	SARS-CoV-2 and HIV-1: Should HIV-1-Infected Individuals in Sub-Saharan Africa Be Considered a Priority Group for the COVID-19 Vaccines?. <i>Frontiers in Immunology</i> , 2021, 12, 797117.	2.2	4
1978	Physiopathology of COVID-19 and Holistic Nursing Approach. <i>Hacettepe Ācniversitesi HemĀĀirelik FakĀĀltesi Dergisi</i> , 2020, 7, 15-24.	0.8	4
1979	How Did the COVID-19 Outbreak Start and Evolve?. , 2020, , 45-62.		1
1980	Identification of potential inhibitors of coronavirus SARS-CoV-2 using the methods of virtual screening and molecular modeling. , 2020, 64, 308-316.	0.0	0
1981	What Is a Coronavirus?. , 2020, , 21-32.		1
1984	COVID-19 from the Perspective of a Gastroenterologist. <i>Korean journal of gastroenterology = Taehan Sohwagi Hakhoe chi, The</i> , 2020, 76, 4-8.	0.2	1
1985	How Is the Coronavirus Changing?. , 2020, , 33-44.		0
1988	The experience of infection prevention for coronavirus disease 2019 (COVID-19) during general anesthesia in an epidemic of COVID-19: including unexpected exposure case - Two cases report - . <i>Anesthesia and Pain Medicine</i> , 2020, 15, 388-396.	0.5	0
1991	Similarities & Correspondences of novel coronavirus (CoV), SARS and MERS in KSA. <i>IP International Journal of Medical Microbiology and Tropical Diseases</i> , 2020, 6, 75-82.	0.1	0
1993	Are There Therapeutic Options?. , 2020, , 85-90.		0
1994	How Does the COVID-19 Outbreak Compare to the SARS Outbreak in 2003?. , 2020, , 63-72.		1
1995	EVALUATION OF HAEMATOLOGICAL PARAMETERS IN PATIENTS WITH COVID-19 INFECTION Ā€“ A TEACHING HOSPITAL EXPERIENCE. , 2020, , 1-4.		0
1998	The COVID-19 pandemic: a systematic review of the current evidence. <i>Russian Journal of Infection and Immunity</i> , 2020, 10, 655-663.	0.2	8
1999	An Epidemiologic Analysis of COVID-19 and Severe Acute Respiratory Infection (SARI) Based on Hospital Data in Hormozgan Province in the South of Iran. <i>Hormozgan Medical Journal</i> , 2020, 24, .	0.0	0
2001	Current Scenario of Covid-19 with Epidemiological and Phylogenetic Analysis of Pakistani Coronavirus: A Review. <i>Journal of Bioresource Management</i> , 2020, 7, 45-65.	0.4	0
2002	Current and future use of angiotensin II receptor blockers in patients with COVID-19. <i>Kachestvennaya Klinicheskaya Praktika</i> , 2020, , 28-31.	0.2	0
2005	A Preliminary Investigation in the Molecular Basis of Host Shutoff Mechanism in SARS-CoV. , 2020, , .		1
2006	In silico identification of potential inhibitors of SARS-CoV-2 main protease using methods of virtual screening, docking, quantum chemistry and molecular dynamics. , 0, , .		0

#	ARTICLE	IF	CITATIONS
2007	COVID-19: A Devastating Pandemic. Pharmaceutical Sciences, 2020, 26, S3-S11.	0.1	4
2008	SIGNIFICANCE OF CHLOROQUINE AND HYDROXYCHLOROQUINE USED FOR COVID-19 TREATMENT IN FORENSIC TOXICOLOGY. , 2020, , 70-72.		0
2009	The possible immunopathogenesis of SARS-Cov-2 Infection - A review of immune changes in patients with COVID-19. Indian Journal of Pathology and Oncology, 2020, 7, 519-526.	0.1	1
2010	Expression profiles revealed potential kidney injury caused by SARS-CoV-2: a systematic analysis of ACE2 and clinical lessons learned from this discovery. Aging, 2021, 13, 10821-10832.	1.4	3
2013	Can judgments according to case fatality rate be correct all the time during epidemics? Estimated cases based on CFR in different scenarios and some lessons from early case fatality rate of coronavirus disease 2019 in Iran. Medical Journal of the Islamic Republic of Iran, 2020, 34, 26.	0.9	5
2014	2019 NOVEL CORONAVIRUS. Annals of Ibadan Postgraduate Medicine, 2019, 17, 108-110.	0.1	4
2015	Profiling of Initial Available SARS-CoV-2 Sequences from Iranian Related COVID-19 Patients. Cell Journal, 2020, 22, 148-150.	0.2	3
2016	COVID-19: Case fatality and ACE2 inhibitors treatment concerns in patients with comorbidities. Medical Journal of the Islamic Republic of Iran, 2020, 34, 147.	0.9	1
2018	Blood Purification Techniques, Inflammatory Mediators and Mortality in COVID-19 Patients. Tanaffos, 2020, 19, 291-299.	0.5	1
2019	Clinical Features and Outcomes of ICU Patients with COVID-19 Infection in Tehran, Iran: a Single-Centered Retrospective Cohort Study. Tanaffos, 2020, 19, 300-311.	0.5	4
2020	Clinical progression of patients with COVID-19: the impact of the pandemic in Latin America. , 2022, , 83-94.		0
2021	COVID-19 Pandemic: Animal Cross Talk and Comparison Between nSARS-CoV-2 and Animal Coronaviruses. , 2022, , 15-32.		1
2022	Structural biology of the SARS-CoV-2 replisome: evolutionary and therapeutic implications. , 2022, , 65-82.		2
2023	Structure-based Molecular Docking in the Identification of Novel Inhibitors Targeting SARS-CoV-2 Main Protease. , 2021, , .		1
2024	Modification in practice of anaesthesia in COVID-19 pandemic: A review article. Indian Journal of Clinical Anaesthesia, 2021, 8, 15-22.	0.0	0
2025	Pruebas moleculares para el diagnÃ³stico de COVID-19: La respuesta de SudamÃ©rica. Revista Bionatura, 2021, 6, 2341-2347.	0.1	0
2026	Infection and transmission of ancestral SARS-CoV-2 and its alpha variant in pregnant white-tailed deer. Emerging Microbes and Infections, 2022, 11, 95-112.	3.0	77
2027	Ligand-based quantitative structural assessments of SARS-CoV-2 3CLpro inhibitors: An analysis in light of structure-based multi-molecular modeling evidences. Journal of Molecular Structure, 2022, 1251, 132041.	1.8	12

#	ARTICLE	IF	CITATIONS
2028	MERS-CoV Confirmation among 6,873 suspected persons and relevant Epidemiologic and Clinical Features, Saudi Arabia â€” 2014 to 2019. <i>EClinicalMedicine</i> , 2021, 41, 101191.	3.2	12
2029	Cross-reactive antibodies after SARS-CoV-2 infection and vaccination. <i>ELife</i> , 2021, 10, .	2.8	63
2030	Editorial: Evolution & Genomic Adaptation of Emerging and Re-emerging RNA Viruses. <i>Frontiers in Microbiology</i> , 2021, 12, 777257.	1.5	0
2031	Evolution of the SARS-CoV-2 genome and emergence of variants of concern. <i>Archives of Virology</i> , 2022, 167, 293-305.	0.9	28
2032	Structure-Function Characteristics of SARS-CoV-2 Proteases and Their Potential Inhibitors from Microbial Sources. <i>Microorganisms</i> , 2021, 9, 2481.	1.6	19
2033	Discovery of SARS-CoV-2 Nsp14 and Nsp16 Methyltransferase Inhibitors by High-Throughput Virtual Screening. <i>Pharmaceuticals</i> , 2021, 14, 1243.	1.7	20
2034	Covidâ€”19 vaccines and variants of concern: A review. <i>Reviews in Medical Virology</i> , 2022, 32, e2313.	3.9	201
2035	Side Effects of COVID-19 Pfizer-BioNTech mRNA Vaccine in Children Aged 12â€”18 Years in Saudi Arabia. <i>Vaccines</i> , 2021, 9, 1297.	2.1	33
2037	Proximity-dependent biotinylation detects associations between SARS coronavirus nonstructural protein 1 and stress granuleâ€”associated proteins. <i>Journal of Biological Chemistry</i> , 2021, 297, 101399.	1.6	7
2038	The Potential Role of Cytokine Storm Pathway in the Clinical Course of Viral Respiratory Pandemic. <i>Biomedicines</i> , 2021, 9, 1688.	1.4	11
2039	Neurological pathophysiology of SARSâ€”CoVâ€”2 and pandemic potential RNA viruses: a comparative analysis. <i>FEBS Letters</i> , 2021, 595, 2854-2871.	1.3	13
2040	Heparin interacts with the main protease of SARS-CoV-2 and inhibits its activity. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 267, 120595.	2.0	12
2041	Comparative genomic analysis reveals varying levels of mammalian adaptation to coronavirus infections. <i>PLoS Computational Biology</i> , 2021, 17, e1009560.	1.5	5
2042	Genetic Path of the Emergence of SARS-CoV-2. <i>Gene, Cell and Tissue</i> , 2021, 9, .	0.2	4
2043	Common Inflammatory Mechanisms in COVID-19 and Parkinsonâ€”s Diseases: The Role of Microbiome, Pharmabiotics and Postbiotics in Their Prevention. <i>Journal of Inflammation Research</i> , 2021, Volume 14, 6349-6381.	1.6	28
2044	Coronavirus Disease 2019: Clinics, Treatment, and Prevention. <i>Frontiers in Microbiology</i> , 2021, 12, 761887.	1.5	21
2045	Understanding COVID-19: From Dysregulated Immunity to Vaccination Status Quo. <i>Frontiers in Immunology</i> , 2021, 12, 765349.	2.2	5
2046	Discovery of Diverse Natural Products as Inhibitors of SARS-CoV-2 M ^{pro} Protease through Virtual Screening. <i>Journal of Chemical Information and Modeling</i> , 2021, 61, 6094-6106.	2.5	14

#	ARTICLE	IF	CITATIONS
2047	Pediatric COVID-19 patients in South Brazil show abundant viral mRNA and strong specific anti-viral responses. <i>Nature Communications</i> , 2021, 12, 6844.	5.8	22
2048	Silver Nanoparticles as Potential Antiviral Agents. <i>Pharmaceutics</i> , 2021, 13, 2034.	2.0	35
2049	Inhibition of the SARS-CoV-2 3CLpro main protease by plant polyphenols. <i>Food Chemistry</i> , 2022, 373, 131594.	4.2	65
2050	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
2051	COVID19 Pandemic and Children. , 2022, , 811-830.		0
2052	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
2053	Î²-Glucans Could Be Adjuvants for SARS-CoV-2 Virus Vaccines (COVID-19). <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 12636.	1.2	12
2055	One-year Review of COVID-19 in the Arab World. <i>Qatar Medical Journal</i> , 2021, 2021, 66.	0.2	7
2056	Molecular Basis of SARS-CoV-2 Nsp1-Induced Immune Translational Shutdown as Revealed by All-Atom Simulations. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 11745-11750.	2.1	7
2057	Multiscale interactome analysis coupled with off-target drug predictions reveals drug repurposing candidates for human coronavirus disease. <i>Scientific Reports</i> , 2021, 11, 23315.	1.6	10
2058	Oxidative stress transforms 3CLpro into an insoluble and more active form to promote SARS-CoV-2 replication. <i>Redox Biology</i> , 2021, 48, 102199.	3.9	8
2059	The Immunomodulatory Function of Vitamin D, with Particular Reference to SARS-CoV-2. <i>Medicina (Lithuania)</i> , 2021, 57, 1321.	0.8	2
2060	Estimation of the Basic Reproduction Number for the COVID-19 Pandemic in Minnesota. <i>IFAC-PapersOnLine</i> , 2021, 54, 251-257.	0.5	0
2061	Recent Advances on Drugs and Vaccines for COVID-19. <i>Inquiry (United States)</i> , 2021, 58, 004695802110556.	0.5	3
2062	A review on molecular docking analysis of phytocompounds against SARS-CoV-2 druggable targets. <i>International Journal of Transgender Health</i> , 2021, 14, 1100-1128.	1.1	6
2063	MODERN VIEWS ON THE RISK OF CONTAMINATION TO MEDICAL PERSONNEL IN LAPAROSCOPY IN PATIENTS WITH COVID-19. <i>Bulletin of Problems Biology and Medicine</i> , 2021, 4, 10.	0.0	0
2064	Association between oxygen saturation, neutrophil-lymphocyte ratio and D-dimer with mortality based on clinical manifestation of COVID-19 patients. <i>Scripta Medica</i> , 2021, 52, 284-288.	0.0	0
2065	Why Modelling the COVID-19 pandemic using Fuzzy Cognitive Maps (FCM)?. <i>IFAC-PapersOnLine</i> , 2021, 54, 305-310.	0.5	1

#	ARTICLE	IF	CITATIONS
2067	Comprehensive study on clinical responses and socioeconomic characteristics of COVID-19 patients during outbreak. <i>Journal of Family Medicine and Primary Care</i> , 2021, 10, 4002.	0.3	2
2068	The Role of Glycosylation in Infectious Diseases. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1325, 219-237.	0.8	7
2069	Neutralizing antibody: a savior in the Covid-19 disease. <i>Molecular Biology Reports</i> , 2022, 49, 2465-2474.	1.0	18
2070	Review of Thoracic Imaging Manifestations of COVID-19 & Other Pathologic Coronaviruses. <i>Radiologic Clinics of North America</i> , 2022, 60, 359-369.	0.9	0
2071	Porcine Deltacoronaviruses: Origin, Evolution, Cross-Species Transmission and Zoonotic Potential. <i>Pathogens</i> , 2022, 11, 79.	1.2	23
2072	Activation of the MKK3-p38-MK2-ZFP36 Axis by Coronavirus Infection Restricts the Upregulation of AU-Rich Element-Containing Transcripts in Proinflammatory Responses. <i>Journal of Virology</i> , 2022, 96, jvi0208621.	1.5	3
2073	Liposome-Mediated Delivery of MERS Antigen Induces Potent Humoral and Cell-Mediated Immune Response in Mice. <i>Molecules</i> , 2022, 27, 403.	1.7	4
2074	A novel ensemble fuzzy classification model in SARS-CoV-2 B-cell epitope identification for development of protein-based vaccine. <i>Applied Soft Computing Journal</i> , 2022, 116, 108280.	4.1	3
2075	Cell-surface glycans act as attachment factors for porcine hemagglutinating encephalomyelitis virus. <i>Veterinary Microbiology</i> , 2022, 265, 109315.	0.8	3
2076	Preface to the revised and updated edition. , 2020, , vii-ix.		0
2077	Pathophysiological mechanisms of coronavirus disease (COVID-19) progression and fatal complications in patients with diabetes. <i>PatologĀa</i> , 2020, .	0.1	0
2078	Experience and Insight Author in Preventing and Curbing the Novel Coronavirus (Covid19) Outbreak. <i>Jurnal Kesehatan Lingkungan</i> , 2020, 12, 79.	0.1	0
2079	Specifics of COVID-19 in pregnant women and their children - a review. <i>Journal of Education, Health and Sport</i> , 2020, 10, 103-110.	0.0	0
2080	High Resolution Computed Tomography (HRCT) Pattern characterization in Corona Virus Disease-2019 (COVID-19): A Meta-Analysis. <i>East African Scholars Journal of Medical Sciences</i> , 2020, 3, 385-393.	0.0	0
2082	An Old Therapy, Convalescent Plasma, for Coronavirus Disease-19: Do We Have All the Answer?. <i>Open Access Macedonian Journal of Medical Sciences</i> , 2020, 8, 530-537.	0.1	0
2083	Recent Hearing Loss and Earache due to Bilateral Otitis Media associated with SARS-CoV-2 infection. , 2020, , 111-113.		0
2084	The Importance of Glycosylation in COVID-19 Infection. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1325, 239-264.	0.8	9
2085	Pathogenesis of covid - 19 â€“Pandemonium of the pandemic in Pandora's box. <i>Journal of Family Medicine and Primary Care</i> , 2021, 10, 4376.	0.3	0

#	ARTICLE	IF	CITATIONS
2086	SARS-CoV-2'nin Erkek Aereme Sistemi Aerindeki Etkileri. Balkesir SaYAk Bilimleri Dergisi, 0, , .	0.0	0
2087	Insights Into the Changing Landscape of Coronavirus Disease 2019. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 761521.	1.8	11
2088	Computational construction of a glycoprotein multi-epitope subunit vaccine candidate for old and new South-African SARS-CoV-2 virus strains. <i>Informatics in Medicine Unlocked</i> , 2022, 28, 100845.	1.9	8
2089	DrugDevCovid19: An Atlas of Anti-COVID-19 Compounds Derived by Computer-Aided Drug Design. <i>Molecules</i> , 2022, 27, 683.	1.7	11
2090	Drug Repurposing for the Identification of Compounds with Anti-SARS-CoV-2 Capability via Multiple Targets. <i>Pharmaceutics</i> , 2022, 14, 176.	2.0	6
2091	Negatively charged residues in the membrane ordering activity of SARS-CoV-1 and -2 fusion peptides. <i>Biophysical Journal</i> , 2022, 121, 207-227.	0.2	9
2092	An in silico analysis identifies drugs potentially modulating the cytokine storm triggered by SARS-CoV-2 infection. <i>Scientific Reports</i> , 2022, 12, 1626.	1.6	4
2093	Cytokine storm in COVID-19: from viral infection to immune responses, diagnosis and therapy. <i>International Journal of Biological Sciences</i> , 2022, 18, 459-472.	2.6	65
2094	Discovery of compounds inhibiting SARS-COV-2 multi-targets. <i>Journal of Biomolecular Structure and Dynamics</i> , 2023, 41, 2602-2617.	2.0	3
2095	Pharmaco-immunomodulatory interventions for averting cytokine storm-linked disease severity in SARS-CoV-2 infection. <i>Inflammopharmacology</i> , 2022, 30, 23-49.	1.9	8
2096	Consequences of COVID-19 for the Pancreas. <i>International Journal of Molecular Sciences</i> , 2022, 23, 864.	1.8	28
2097	Age-dependent pathogenic characteristics of SARS-CoV-2 infection in ferrets. <i>Nature Communications</i> , 2022, 13, 21.	5.8	31
2098	Coagulation Disorders and Thrombosis in COVID-19 Patients and a Possible Mechanism Involving Endothelial Cells: A Review. , 2022, 13, 144.		24
2099	Olfactory Dysfunction, Headache, and Mental Clouding in Adults with Long-COVID-19: What Is the Link between Cognition and Olfaction? A Cross-Sectional Study. <i>Brain Sciences</i> , 2022, 12, 154.	1.1	31
2100	Metadichol®: A Novel Nanolipid Formulation That Inhibits SARS-CoV-2 and a Multitude of Pathological Viruses In Vitro. <i>BioMed Research International</i> , 2022, 2022, 1-14.	0.9	8
2101	Modeling for COVID-19 with the contacting distance. <i>Nonlinear Dynamics</i> , 2022, 107, 3065-3084.	2.7	15
2102	Functional Analysis of Human and Feline Coronavirus Cross-Reactive Antibodies Directed Against the SARS-CoV-2 Fusion Peptide. <i>Frontiers in Immunology</i> , 2021, 12, 790415.	2.2	7
2103	Severe versus common COVID-19: an early warning nomogram model. <i>Aging</i> , 2022, 14, 544-556.	1.4	3

#	ARTICLE	IF	CITATIONS
2104	Exploring Virome Diversity in Public Data in South America as an Approach for Detecting Viral Sources From Potentially Emerging Viruses. <i>Frontiers in Genetics</i> , 2021, 12, 722857.	1.1	2
2105	Knowledge, attitude and perceptions towards COVID-19 vaccination among the Pakistani population. <i>Pakistan Biomedical Journal</i> , 2021, 5, .	0.0	0
2106	Computational Approach to Combat COVID-19 Infection: Emerging Tools for Accelerating Drug Research. <i>Current Drug Discovery Technologies</i> , 2022, 19, .	0.6	4
2107	Computed tomography scan in COVID-19: a systematic review and meta-analysis. <i>Polish Journal of Radiology</i> , 2022, 87, 1-23.	0.5	12
2108	Cancer Occurrence as the Upcoming Complications of COVID-19. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 813175.	1.6	12
2109	The Landscape of Aminoacyl-tRNA Synthetases Involved in Severe Acute Respiratory Syndrome Coronavirus 2 Infection. <i>Frontiers in Physiology</i> , 2021, 12, 818297.	1.3	10
2110	Design of a multi-epitope vaccine against SARS-CoV-2: immunoinformatic and computational methods. <i>RSC Advances</i> , 2022, 12, 4288-4310.	1.7	16
2111	Molecular Docking and Dynamics Studies to Explore Effective Inhibitory Peptides Against the Spike Receptor Binding Domain of SARS-CoV-2. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 791642.	1.6	14
2112	Gasdermin D Inhibits Coronavirus Infection by Promoting the Noncanonical Secretion of Beta Interferon. <i>MBio</i> , 2022, 13, e0360021.	1.8	8
2113	Palladium-Catalysed Intermolecular Direct C-H Bond Arylation of Heteroarenes with Reagents Alternative to Aryl Halides: Current State of the Art. <i>Current Organic Chemistry</i> , 2022, 26, .	0.9	1
2114	Are Women Aware of the Vaccine Against Human Papillomavirus? A hospital-focused cross-sectional Study.. Sileyman Demirel Üniversitesi Tıp Fakültesi Dergisi, 0, , .	0.0	0
2115	New Discovery of Myeloid-Derived Suppressor Cell™s Tale on Viral Infection and COVID-19. <i>Frontiers in Immunology</i> , 2022, 13, 842535.	2.2	7
2116	Innate immunity: the first line of defense against SARS-CoV-2. <i>Nature Immunology</i> , 2022, 23, 165-176.	7.0	303
2117	501Y.V2 spike protein resists the neutralizing antibody in atomistic simulations. <i>Computational Biology and Chemistry</i> , 2022, 97, 107636.	1.1	1
2118	SARS, MERS and CoVID-19: An overview and comparison of clinical, laboratory and radiological features. <i>Journal of Family Medicine and Primary Care</i> , 2022, 11, 10.	0.3	36
2120	Insight into the Advances in Clinical Trials of SARS-CoV-2 Vaccines. <i>Canadian Journal of Infectious Diseases and Medical Microbiology</i> , 2022, 2022, 1-16.	0.7	2
2121	Diagnostic performance and clinical feasibility of a novel one-step RT-qPCR assay for simultaneous detection of multiple severe acute respiratory syndrome coronaviruses. <i>Archives of Virology</i> , 2022, 167, 871.	0.9	0
2122	ASSESSMENT OF FOOD SAFETY DURING COVID-19 PANDEMIC. <i>International Journal of Life Sciences and Biotechnology</i> , 0, , .	0.2	0

#	ARTICLE	IF	CITATIONS
2123	A Review of SARS-CoV2: Compared With SARS-CoV and MERS-CoV. <i>Frontiers in Medicine</i> , 2021, 8, 628370.	1.2	35
2124	<i>In Silico</i> Elucidation of Potent Inhibitors and Rational Drug Design against SARS-CoV-2 Papain-like Protease. <i>Journal of Physical Chemistry B</i> , 2021, 125, 13644-13656.	1.2	13
2125	Zoonotic spill-over of SARS-CoV-2: mink-adapted virus in humans. <i>Clinical Microbiology and Infection</i> , 2022, 28, 451.e1-451.e4.	2.8	24
2126	The race for a COVID-19 vaccine: where are we up to?. <i>Expert Review of Vaccines</i> , 2022, 21, 355-376.	2.0	11
2127	Inhaled remdesivir reduces viral burden in a nonhuman primate model of SARS-CoV-2 infection. <i>Science Translational Medicine</i> , 2022, 14, eabl828.	5.8	30
2129	Nanotechnology-Based Strategies for Effective and Rapid Detection of SARS-CoV-2. <i>Materials</i> , 2021, 14, 7851.	1.3	12
2130	Heparin and SARS-CoV-2: Multiple Pathophysiological Links. <i>Viruses</i> , 2021, 13, 2486.	1.5	10
2131	SARS-CoV-2 spike protein induces inflammation via TLR2-dependent activation of the NF- κ B pathway. <i>ELife</i> , 2021, 10, .	2.8	215
2135	Hyperglycosylated spike of SARS-CoV-2 gamma variant induces breast cancer metastasis. <i>American Journal of Cancer Research</i> , 2021, 11, 4994-5005.	1.4	0
2136	Application of Nanoscale Materials and Nanotechnology Against Viral Infection: A Special Focus on Coronaviruses. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1352, 173-193.	0.8	1
2137	Origin and Structural Biology of Novel Coronavirus (SARS-CoV-2). <i>Advances in Experimental Medicine and Biology</i> , 2021, 1352, 1-13.	0.8	3
2138	Epidemiology, Transmission, and Molecular Immunopathology of SARS-CoV-2. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1352, 33-44.	0.8	0
2139	A Paradigm Gap in Host-Pathogen Interaction Studies: Lesson from the COVID-19 Pandemic. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1353, 47-70.	0.8	0
2140	Knowledge, attitude and perceptions towards COVID-19 vaccination among the Pakistani population. <i>Pakistan Biomedical Journal</i> , 2022, 5, .	0.0	0
2141	hCoronavirusesDB: an integrated bioinformatics resource for human coronaviruses. <i>Database: the Journal of Biological Databases and Curation</i> , 2022, 2022, .	1.4	1
2142	Both simulation and sequencing data reveal coinfections with multiple SARS-CoV-2 variants in the COVID-19 pandemic. <i>Computational and Structural Biotechnology Journal</i> , 2022, 20, 1389-1401.	1.9	7
2143	Lesson learned from coronaviruses (SARS-CoV, MERS-CoV, and SARS-CoV-2) and socioeconomic impact of (SARS-CoV-2) pandemic. , 2022, , 19-36.		0
2146	Crystallization of Feline Coronavirus Mpro With GC376 Reveals Mechanism of Inhibition. <i>Frontiers in Chemistry</i> , 2022, 10, 852210.	1.8	17

#	ARTICLE	IF	CITATIONS
2147	Severe Infections Due to Respiratory Viruses. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2022, 43, 060-074.	0.8	9
2148	Identification of a Novel Neutralizing Epitope on the N-Terminal Domain of the Human Coronavirus 229E Spike Protein. <i>Journal of Virology</i> , 2022, 96, JVI0195521.	1.5	2
2149	Efficacy and Effectiveness of SARS-CoV-2 Vaccines: A Systematic Review and Meta-Analysis. <i>Vaccines</i> , 2022, 10, 350.	2.1	44
2150	Transcriptomic Analysis Identifies Differentially Expressed Genes Associated with Vascular Cuffing and Chronic Inflammation Mediating Early Thrombosis in Arteriovenous Fistula. <i>Biomedicines</i> , 2022, 10, 433.	1.4	7
2151	Pharmacogenetics and Precision Medicine Approaches for the Improvement of COVID-19 Therapies. <i>Frontiers in Pharmacology</i> , 2022, 13, 835136.	1.6	17
2152	NF- κ B Signaling and Inflammation: Drug Repurposing to Treat Inflammatory Disorders?. <i>Biology</i> , 2022, 11, 372.	1.3	19
2153	COVID-19 pathophysiology and ultrasound imaging: A multiorgan review. <i>Journal of Clinical Ultrasound</i> , 2022, 50, 326-338.	0.4	5
2154	Nanostructures for the Prevention, Diagnosis, and Treatment of SARS-CoV-2: A Review. <i>ACS Applied Nano Materials</i> , 2022, 5, 6029-6054.	2.4	12
2155	æ°ä°Žä%è•çš,,â†çŠ¶ç—...æ’3CLè×ç™1/2é...¶æŠ’â^¶â%o,ç”ç©¶çŽ°çŠ¶. <i>Scientia Sinica Vitae</i> , 2022, , .	0.1	1
2156	Inactivation of SARS-CoV-2 and COVID-19 Patient Samples for Contemporary Immunology and Metabolomics Studies. <i>ImmunoHorizons</i> , 2022, 6, 144-155.	0.8	5
2157	Host and Viral Zinc-Finger Proteins in COVID-19. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3711.	1.8	8
2158	Structural and Computational Studies of the SARS-CoV-2 Spike Protein Binding Mechanisms with Nanobodies: From Structure and Dynamics to Avidity-Driven Nanobody Engineering. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2928.	1.8	8
2159	Mechanistic insights from the review and evaluation of ayurvedic herbal medicines for the prevention and management of COVID-19 patients. <i>Journal of Herbal Medicine</i> , 2022, 32, 100554.	1.0	4
2160	Cytoplasmic domain and enzymatic activity of ACE2 are not required for PI4KB dependent endocytosis entry of SARS-CoV-2 into host cells. <i>Virologica Sinica</i> , 2022, 37, 380-389.	1.2	10
2161	Airâ€“Oxygen Blenders for Mechanical Ventilators: A Literature Review. <i>Sensors</i> , 2022, 22, 2182.	2.1	2
2163	Translational Control of COVID-19 and Its Therapeutic Implication. <i>Frontiers in Immunology</i> , 2022, 13, 857490.	2.2	9
2164	RespiCoV: Simultaneous identification of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) and 46 respiratory tract viruses and bacteria by amplicon-based Oxford-Nanopore MinION sequencing. <i>PLoS ONE</i> , 2022, 17, e0264855.	1.1	3
2165	Oxidative Stress-Related Mechanisms in SARS-CoV-2 Infections. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-15.	1.9	34

#	ARTICLE	IF	CITATIONS
2166	Empirical Modeling of COVID-19 Evolution with High/Direct Impact on Public Health and Risk Assessment. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 3707.	1.2	2
2167	TP53 Gene Therapy as a Potential Treatment for Patients with COVID-19. <i>Viruses</i> , 2022, 14, 739.	1.5	19
2168	Neuroinflammation and COVID-19 Ischemic Stroke Recovery—Evolving Evidence for the Mediating Roles of the ACE2/Angiotensin-(1 ⁷)/Mas Receptor Axis and NLRP3 Inflammasome. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3085.	1.8	12
2169	Characteristics of lymphocyte subsets and cytokine profiles of patients with COVID-19. <i>Virology Journal</i> , 2022, 19, 57.	1.4	18
2170	The History of Corona Virus: From Neanderthals to the Present Time: A Brief Review. <i>Iranian Journal of Public Health</i> , 0, , .	0.3	2
2171	A Helquat-like Compound as a Potent Inhibitor of Flaviviral and Coronaviral Polymerases. <i>Molecules</i> , 2022, 27, 1894.	1.7	3
2172	The Effects of Coronavirus on Human Health and Their Influence on Other Aspects of Life: A Scoping Review. <i>Biosciences, Biotechnology Research Asia</i> , 2022, 19, 47-68.	0.2	1
2173	Epidemiological and clinical characteristics of infections with seasonal human coronavirus and respiratory syncytial virus in hospitalized children immediately before the coronavirus disease 2019 pandemic. <i>Journal of Infection and Chemotherapy</i> , 2022, 28, 859-865.	0.8	4
2174	Forecasting COVID-19 Disease Cases Using the SARIMA-NNAR Hybrid Model. <i>Universal Journal of Mathematics and Applications</i> , 2022, 5, 15-23.	0.2	3
2176	A Palmitic Acid-Conjugated, Peptide-Based pan-CoV Fusion Inhibitor Potently Inhibits Infection of SARS-CoV-2 Omicron and Other Variants of Concern. <i>Viruses</i> , 2022, 14, 549.	1.5	13
2177	Impact of renin-angiotensin-aldosterone system inhibition on mortality in critically ill COVID-19 patients with pre-existing hypertension: a prospective cohort study. <i>BMC Cardiovascular Disorders</i> , 2022, 22, 123.	0.7	4
2178	Acute respiratory distress syndrome triggered by marked cytokine storm in a subject with diabetic ketoacidosis. <i>Medicine (United States)</i> , 2022, 101, e29119.	0.4	0
2180	Combined Computational NMR and Molecular Docking Scrutiny of Potential Natural SARS-CoV-2 M ^{pro} Inhibitors. <i>Journal of Physical Chemistry B</i> , 2022, 126, 2173-2187.	1.2	7
2181	An extended conformation of SARS-CoV-2 main protease reveals allosteric targets. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2120913119.	3.3	20
2182	Chest imaging features of Coronavirus disease 2019 pneumonia: a systematic review and meta-analysis. <i>Minerva Respiratory Medicine</i> , 2022, 61, .	0.1	1
2183	Adverse events and breakthrough infections associated with COVID-19 vaccination in the Indian population. <i>Journal of Medical Virology</i> , 2022, , .	2.5	16
2184	Epidemiological characteristics of imported respiratory infectious diseases in China, 2014-2018. <i>Infectious Diseases of Poverty</i> , 2022, 11, 22.	1.5	0
2185	Utilization of Viral Vector Vaccines in Preparing for Future Pandemics. <i>Vaccines</i> , 2022, 10, 436.	2.1	4

#	ARTICLE	IF	CITATIONS
2186	A network biology approach to identify crucial host targets for COVID-19. <i>Methods</i> , 2022, 203, 108-115.	1.9	6
2188	Herbal inhibitors of SARS-CoV-2 M ^{pro} effectively ameliorate acute lung injury in mice. <i>IUBMB Life</i> , 2022, 74, 532-542.	1.5	6
2189	Spike protein of SARS-CoV-2 variants: a brief review and practical implications. <i>Brazilian Journal of Microbiology</i> , 2022, 53, 1133-1157.	0.8	22
2190	Decreased circulating dipeptidyl peptidase-4 enzyme activity is prognostic for severe outcomes in COVID-19 inpatients. <i>Biomarkers in Medicine</i> , 2022, 16, 317-330.	0.6	13
2191	Neurological manifestations in patients with COVID-19: A systematic review and meta-analysis. <i>Journal of Clinical Laboratory Analysis</i> , 2022, 36, e24403.	0.9	26
2192	Can Epigenetics Help Solve the Puzzle Between Concomitant Cardiovascular Injury and Severity of Coronavirus Disease 2019?. <i>Journal of Cardiovascular Pharmacology</i> , 2022, 79, 431-443.	0.8	0
2193	Impairment of SARS-CoV-2 spike glycoprotein maturation and fusion activity by nitazoxanide: an effect independent of spike variants emergence. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 227.	2.4	20
2194	Thematic evolution of coronavirus disease: a longitudinal co-word analysis. <i>Library Hi Tech</i> , 2023, 41, 7-24.	3.7	5
2195	The Role of Cytokines and Chemokines in Severe Acute Respiratory Syndrome Coronavirus 2 Infections. <i>Frontiers in Immunology</i> , 2022, 13, 832394.	2.2	56
2196	Viroporins: Structure, function, and their role in the life cycle of SARS-CoV-2. <i>International Journal of Biochemistry and Cell Biology</i> , 2022, 145, 106185.	1.2	29
2197	Nanomaterials and Bioactive Compounds against SARS-CoV-2. <i>Journal of Nanomaterials</i> , 2022, 2022, 1-13.	1.5	3
2198	Novel antiviral activity of PAD inhibitors against human beta-coronaviruses HCoV-OC43 and SARS-CoV-2. <i>Antiviral Research</i> , 2022, 200, 105278.	1.9	5
2199	Identification, propagation and molecular characterization of SARS-CoV-2 delta variant isolated from Egyptian COVID-19 patients. <i>Infection, Genetics and Evolution</i> , 2022, 100, 105278.	1.0	2
2200	Infection control measures for public transportation derived from the flow dynamics of obstructed cough jet. <i>Journal of Aerosol Science</i> , 2022, 163, 105995.	1.8	0
2201	Evaluation of pulmonary function and exercise capacity after COVID-19 pneumonia. <i>Heart and Lung: Journal of Acute and Critical Care</i> , 2022, 54, 1-6.	0.8	13
2202	Hematological profiles of COVID-19 patients at the Ratlam district, Madhya Pradesh State, India. <i>Bioinformation</i> , 2021, 17, 686-690.	0.2	7
2203	PREVALENCE OF MORTALITY AND ITS DISTRIBUTION BY SEX AND AGE GROUPS IN INDOOR COVID-19 PATIENTS IN D.I.KHAN DIVISION, PAKISTAN. <i>Gomal Journal of Medical Sciences</i> , 2021, 19, 91-97.	0.1	0
2204	Operationalising Regional Cooperation for Infectious Disease Control: A Scoping Review of Regional Disease Control Bodies and Networks. <i>International Journal of Health Policy and Management</i> , 2021, , .	0.5	2

#	ARTICLE	IF	CITATIONS
2205	Analysis and classification of radiological results and epidemiology of patients with COVID-19 pneumonia. <i>Medicine (United States)</i> , 2021, 100, e28154.	0.4	0
2206	Naphthoquinones from <i>Onosma</i> : Molecular Mechanisms of Action in the Treatment and Prevention of COVID-19. <i>Caucasian Journal of Science</i> , 2021, 8, 173-184.	0.2	2
2207	Olfactory dysfunction as a screening tool for mild and moderate cases of COVID-19: a single-center prevalence study of 646 patients in flu clinic. <i>The Egyptian Journal of Otolaryngology</i> , 2021, 37, .	0.1	1
2208	Propolisin Coronavirüslerle Karşılaştırmalı Potansiyel Etkileri. <i>Türk Doğa Ve Fen Dergisi</i> , 2021, 10, 303-311.	0.2	1
2209	Hypothetical Immunological and Immunogenetic Model of Heterogenous Effects of BCG Vaccination in SARS-CoV-2 Infections: BCG-induced Trained and Heterologous Immunity. <i>Journal of Medical Science</i> , 0, e551.	0.2	2
2210	Repurposing of Drugs for SARS-CoV-2 Using Inverse Docking Fingerprints. <i>Frontiers in Chemistry</i> , 2021, 9, 757826.	1.8	11
2211	Antigenic characterization of influenza and SARS-CoV-2 viruses. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 2841-2881.	1.9	11
2212	Neglected and (re-)emergent infections of the CNS in low-/middle-income countries. <i>Infezioni in Medicina</i> , 2021, 29, 513-525.	0.7	2
2213	Black Cumin in Fighting with Coronaviruses. <i>The Open Covid Journal</i> , 2021, 1, 189-190.	0.4	0
2214	Repurposing Drugs for the Treatment of COVID-19. <i>Journal of Biotechnology and Bioindustry</i> , 2021, 9, 9-15.	0.1	0
2215	Coronavirus Genome Sequence Similarity and Protein Sequence Classification. <i>Journal of Digital Science</i> , 2021, 3, 3-18.	0.6	0
2216	Evaluating COVID-19 Knowledge, Attitudes, and Practice Among the Students of Birjand University of Medical Sciences: A Cross-sectional Survey. <i>Modern Care Journal</i> , 2021, 18, .	0.2	0
2217	COVID-19 pandemisinin ilk yıllarında trendlerimiz. <i>Hitit Medical Journal</i> ; 0, .	0.4	0
2218	Implications of RNA Viruses in the Male Reproductive Tract: An Outlook on SARS-CoV-2. <i>Frontiers in Microbiology</i> , 2021, 12, 783963.	1.5	8
2219	In-silico efficacy of potential phytomolecules from Ayurvedic herbs as an adjuvant therapy in management of COVID-19. <i>Journal of Food and Drug Analysis</i> , 2021, 29, 559-580.	0.9	3
2220	Unifying the Efforts of Medicine, Chemistry, and Engineering in Biosensing Technologies to Tackle the Challenges of the COVID-19 Pandemic. <i>Analytical Chemistry</i> , 2022, 94, 3-25.	3.2	13
2221	COVID-19 Pandemic: Outbreak, Potential Vaccines And Medications. <i>Russian Open Medical Journal</i> , 2021, 10, .	0.1	0
2222	Role of the cellular immunity in the formation of the immune response in coronavirus infections. <i>Medical Immunology (Russia)</i> , 2021, 23, 1229-1238.	0.1	3

#	ARTICLE	IF	CITATIONS
2223	An Overview of COVID-19 and Its Vaccines. <i>Biology Bulletin Reviews</i> , 2021, 11, 47-64.	0.3	0
2224	SARS-CoV-2: Some Aspects of Molecular Evolution, Cellular Pathogenesis, and Immune System Mechanism Elusion. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 11605.	1.3	3
2227	An update on host immunity correlates and prospects of re-infection in COVID-19. <i>International Reviews of Immunology</i> , 2022, 41, 367-392.	1.5	9
2228	Development of SARS-CoV-2 antigen Detection Kit Based on Immunoglobulin Y (Igy) Using Surface Plasmon resonance (SPR). <i>Biomedical and Pharmacology Journal</i> , 2021, 14, 2029-2039.	0.2	1
2229	Inovações tecnológicas no período pós-pandemia: uma análise da propriedade antimicrobiana do grafeno. , 2021, 100, 486-493.	0.0	1
2230	Covid-19 Salgınlarının Kenttsel Yaşam Kalitesi Açısından Potansiyel Etkileri Üzerine. <i>Kent Akademisi</i> , , , 1		
2231	Techniques for Developing and Assessing Immune Responses Induced by Synthetic DNA Vaccines for Emerging Infectious Diseases. <i>Methods in Molecular Biology</i> , 2022, 2410, 229-263.	0.4	1
2233	SARS-Cov2 acute and post-active infection in the context of autoimmune and chronic inflammatory diseases. <i>Journal of Translational Autoimmunity</i> , 2022, 5, 100154.	2.0	12
2234	The interrelationship between diabetes mellitus and COVID-19. <i>Medical Journal of Babylon</i> , 2022, 19, 1.	0.0	3
2235	Coronavirus Entry Inhibitors. <i>Advances in Experimental Medicine and Biology</i> , 2022, 1366, 101-121.	0.8	3
2236	Graphene-based nanocomposite using new modeling molecular dynamic simulations for proposed neutralizing mechanism and real-time sensing of COVID-19. <i>Nanotechnology Reviews</i> , 2022, 11, 1555-1569.	2.6	5
2237	Scope of SARS-CoV-2 variants, mutations, and vaccine technologies. <i>The Egyptian Journal of Internal Medicine</i> , 2022, 34, 34.	0.3	5
2239	The lessons of COVID-19, SARS, and MERS: Implications for preventive strategies. <i>International Journal of Healthcare Management</i> , 2022, 15, 314-324.	1.2	2
2240	Severity and Risk of Death Due to COVID 19. <i>Al Mustansiriyah Journal of Pharmaceutical Sciences</i> , 2022, 20, 1-12.	0.3	2
2241	Aging Hearts in a Hotter, More Turbulent World: The Impacts of Climate Change on the Cardiovascular Health of Older Adults. <i>Current Cardiology Reports</i> , 2022, 24, 749-760.	1.3	9
2242	Hydrazones and Thiosemicarbazones Targeting Protein-Protein-Interactions of SARS-CoV-2 Papain-like Protease. <i>Frontiers in Chemistry</i> , 2022, 10, 832431.	1.8	5
2243	Coronavirus Disease 2019-Related Alterations of Total and Anti-Spike IgG Glycosylation in Relation to Age and Anti-Spike IgG Titer. <i>Frontiers in Microbiology</i> , 2022, 13, 775186.	1.5	3
2244	Development of antibody resistance in emerging mutant strains of SARS CoV-2: Impediment for COVID-19 vaccines. <i>Reviews in Medical Virology</i> , 2022, 32, e2346.	3.9	16

#	ARTICLE	IF	CITATIONS
2245	Disinfectants role in the prevention of spreading the <sc>COVID</sc> â€19 and other infectious diseases: The need for functional polymers!. Polymers for Advanced Technologies, 2022, , .	1.6	4
2246	Stem Cellâ€based therapies for COVIDâ€19â€related acute respiratory distress syndrome. Journal of Cellular and Molecular Medicine, 2022, , .	1.6	1
2247	Impact of Drug Metabolism/Pharmacokinetics and their Relevance Upon Traditional Medicine-based anti-COVID-19 Drug Research. Current Drug Metabolism, 2022, 23, .	0.7	5
2248	Unravelling Vitamin B12 as a potential inhibitor against SARS-CoV-2: A computational approach. Informatics in Medicine Unlocked, 2022, 30, 100951.	1.9	21
2249	The African swine fever virus protease pS273R inhibits DNA sensing cGAS-STING pathway by targeting IKKÎ¼. Virulence, 2022, 13, 740-756.	1.8	22
2250	Potent Inhibition of SARS-CoV-2 nsp14 <i>N</i>-Methyltransferase by Sulfonamide-Based Bisubstrate Analogues. Journal of Medicinal Chemistry, 2022, 65, 6231-6249.	2.9	24
2251	Mechanism of reaction of RNA-dependent RNA polymerase from SARS-CoV-2. Chem Catalysis, 2022, 2, 1084-1099.	2.9	20
2252	Systematic Review of the Common Pathophysiological Mechanisms in COVID-19 and Neurodegeneration: The Role of Bioactive Compounds and Natural Antioxidants. Cells, 2022, 11, 1298.	1.8	18
2278	Identification of potential bioactive natural compounds from Indonesian medicinal plants against 3-chymotrypsin-like protease (3CL^{pro}) of SARS-CoV-2: molecular docking, ADME/T, molecular dynamic simulations, and DFT analysis. Journal of Biomolecular Structure and Dynamics, 2023, 41, 4467-4484.	2.0	10
2282	Importance of Vitamin D3 in COVID-19 Patients.. Archives of Razi Institute, 2021, 76, 1545-1549.	0.4	1
2285	nCOVID -19 pandemic outbreak in India - A concise review. International Journal of Health Sciences, 0, , 2074-2100.	0.0	0
2286	Glycopeptide Antibiotic Teicoplanin Inhibits Cell Entry of SARS-CoV-2 by Suppressing the Proteolytic Activity of Cathepsin L. Frontiers in Microbiology, 2022, 13, 884034.	1.5	8
2287	New endemic and pandemic pathologies with interhuman airborne transmission through ear, nose and throat anatomical sites. Acta Otorhinolaryngologica Italica, 2022, 42, S5-S13.	0.7	6
2288	Clinical features and upper airway symptoms in association with severity and outcome in patients with COVID-19. Journal of Contemporary Medical Sciences, 2022, 8, .	0.1	0
2289	Comparison of the humoral and cellular immunity in COVID-19 convalescents. Russian Journal of Infection and Immunity, 2022, 12, 495-504.	0.2	3
2290	An overview of current drugs and prophylactic vaccines for coronavirus disease 2019 (COVID-19). Cellular and Molecular Biology Letters, 2022, 27, 38.	2.7	11
2291	Hybrid drug-screening strategy identifies potential SARS-CoV-2 cell-entry inhibitors targeting human transmembrane serine protease. Structural Chemistry, 2022, 33, 1503-1515.	1.0	4
2292	The effects of SARS-CoV-2 infection on modulating innate immunity and strategies of combating inflammatory response for COVID-19 therapy. Journal of Biomedical Science, 2022, 29, 27.	2.6	9

#	ARTICLE	IF	CITATIONS
2293	Evaluating the Response and Safety of Inactivated COVID-19 Vaccines in Liver Transplant Recipients. <i>Infection and Drug Resistance</i> , 2022, Volume 15, 2469-2474.	1.1	14
2294	Neuropathological Aspects of SARS-CoV-2 Infection: Significance for Both Alzheimer's and Parkinson's Disease. <i>Frontiers in Neuroscience</i> , 2022, 16, 867825.	1.4	6
2295	Intracellular mono-ADP-ribosyltransferases at the host-virus interphase. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 288.	2.4	7
2296	FoxJ1 inhibits African swine fever virus replication and viral S273R protein decreases the expression of FoxJ1 to impair its antiviral effect. <i>Virologica Sinica</i> , 2022, 37, 445-454.	1.2	9
2297	High-level biocontainment laboratories: risks and necessity for society. <i>F1000Research</i> , 0, 11, 508.	0.8	0
2298	Long-Term Cardiovascular Effects of COVID-19: Emerging Data Relevant to the Cardiovascular Clinician. <i>Current Atherosclerosis Reports</i> , 2022, 24, 563-570.	2.0	35
2299	Molecular dynamic simulations reveal anti-SARS-CoV-2 activity of mitocurcumin by potentially blocking innate immune evasion proteins NSP3 and NSP16. <i>Molecular Diversity</i> , 2023, 27, 635-649.	2.1	2
2301	Potential of Natural Alkaloids From <i>Jadwar</i> (<i>Delphinium denudatum</i>) as Inhibitors Against Main Protease of COVID-19: A Molecular Modeling Approach. <i>Frontiers in Molecular Biosciences</i> , 2022, 9, .	1.6	3
2302	Nonthermal plasma-generated ozone inhibits human coronavirus 229E infectivity on glass surface. <i>Plasma Processes and Polymers</i> , 2022, 19, .	1.6	8
2303	A Multi-dimensional Review on Severe Acute Respiratory Syndrome CoronaVirus-2. <i>Current Pharmaceutical Biotechnology</i> , 2022, 23, .	0.9	1
2304	Network for network concept offers new insights into host- SARS-CoV-2 protein interactions and potential novel targets for developing antiviral drugs. <i>Computers in Biology and Medicine</i> , 2022, 146, 105575.	3.9	12
2305	Enrichment analysis on regulatory subspaces: A novel direction for the superior description of cellular responses to SARS-CoV-2. <i>Computers in Biology and Medicine</i> , 2022, 146, 105443.	3.9	0
2306	Benchmarking the ability of novel compounds to inhibit SARS-CoV-2 main protease using steered molecular dynamics simulations. <i>Computers in Biology and Medicine</i> , 2022, 146, 105572.	3.9	28
2307	Elevated Vulnerability of Chronic Leukemia Patients to COVID-19 Infection: A Systems Biology Approach. <i>Dr Sulaiman Al Habib Medical Journal</i> , 2022, 4, 32-45.	0.3	1
2308	A novel textual track-data-based approach for estimating individual infection risk of COVID-19. <i>Risk Analysis</i> , 2023, 43, 156-182.	1.5	2
2310	Impact of natural selection on global patterns of genetic variation and association with clinical phenotypes at genes involved in SARS-CoV-2 infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2123000119.	3.3	7
2311	Dysregulated Interferon Response and Immune Hyperactivation in Severe COVID-19: Targeting STATs as a Novel Therapeutic Strategy. <i>Frontiers in Immunology</i> , 2022, 13, .	2.2	29
2312	Impact of renin-angiotensin-aldosterone system inhibitors on COVID-19. <i>Hypertension Research</i> , 2022, 45, 1147-1153.	1.5	11

#	ARTICLE	IF	CITATIONS
2313	The chimera of S1 and N proteins of SARS-CoV-2: can it be a potential vaccine candidate for COVID-19?. Expert Review of Vaccines, 2022, 21, 1071-1086.	2.0	3
2314	Identification of natural compounds targeting SARS-CoV-2 Mpro by virtual screening and molecular dynamics simulations. Mendeleev Communications, 2022, 32, 334-335.	0.6	2
2315	Oncology During the COVID-19 Pandemic: a Lockdown Perspective. Current Oncology Reports, 2022, 24, 1219-1235.	1.8	7
2317	Fluorescence signatures of SARS-CoV-2 spike S1 proteins and a human ACE-2: excitation-emission maps and fluorescence lifetimes. Journal of Biomedical Optics, 2022, 27, .	1.4	2
2318	Predictive Factors For Severe And Critical Coronavirus Disease-19 In Young Adults. Sakarya Medical Journal, 0, , .	0.1	0
2319	Possible Role of Matrix Metalloproteinases and TGF- β 2 in COVID-19 Severity and Sequelae. Journal of Interferon and Cytokine Research, 2022, 42, 352-368.	0.5	16
2321	Changing Dynamics of SARS-CoV-2: A Global Challenge. Applied Sciences (Switzerland), 2022, 12, 5546.	1.3	3
2322	Computational drug repositioning using similarity constrained weight regularization matrix factorization: A case of COVID-19. Journal of Cellular and Molecular Medicine, 2022, 26, 3772-3782.	1.6	10
2323	Disengaging the COVID-19 Clutch as a Discerning Eye Over the Inflammatory Circuit During SARS-CoV-2 Infection. Inflammation, 0, , .	1.7	0
2324	Increased LAMP1 Expression Enhances SARS-CoV-1 and SARS-CoV-2 Production in Vero-Derived Transgenic Cell Lines. Molecular Biology, 2022, 56, 463-468.	0.4	2
2325	Autoantibodies and autoimmune disorders in SARS-CoV-2 infection: pathogenicity and immune regulation. Environmental Science and Pollution Research, 2022, 29, 54072-54087.	2.7	11
2326	The Bactericidal Effect of MA-T for Factitiously Contaminated and Used Masks. Biological and Pharmaceutical Bulletin, 2022, 45, 757-762.	0.6	2
2328	AWARE: An IoT powered Smart Band with Multi-tenancy Cardinality. , 2021, , .		0
2329	Editorial: Ecology and Evolution of Coronaviruses: Implications for Human Health. Frontiers in Public Health, 0, 10, .	1.3	0
2330	Gis Based Spatial Analysis and Prediction of Covid-19 Cases. Journal of Physics: Conference Series, 2022, 2273, 012021.	0.3	0
2331	Systematic Review on Pathophysiological Complications in Severe COVID-19 among the Non-Vaccinated and Vaccinated Population. Vaccines, 2022, 10, 985.	2.1	11
2332	Screening of honey bee pollen constituents against COVID-19: an emerging hot spot in targeting SARS-CoV-2-ACE-2 interaction. Natural Product Research, 2023, 37, 974-980.	1.0	5
2334	Role of the Ribonuclease ONCONASE in miRNA Biogenesis and tRNA Processing: Focus on Cancer and Viral Infections. International Journal of Molecular Sciences, 2022, 23, 6556.	1.8	5

#	ARTICLE	IF	CITATIONS
2335	Spotlight on therapeutic efficiency of mesenchymal stem cells in viral infections with a focus on COVID-19. <i>Stem Cell Research and Therapy</i> , 2022, 13, .	2.4	25
2336	Predictors of mortality in COVID-19 induced acute kidney injury. <i>Therapeutic Apheresis and Dialysis</i> , 0, , .	0.4	2
2337	Preclinical evaluation of a plant-derived SARS-CoV-2 subunit vaccine: Protective efficacy, immunogenicity, safety, and toxicity. <i>Vaccine</i> , 2022, 40, 4440-4452.	1.7	17
2338	Antivirals and the Potential Benefits of Orally Inhaled Drug Administration in COVID-19 Treatment. <i>Journal of Pharmaceutical Sciences</i> , 2022, 111, 2652-2661.	1.6	15
2339	Structural, genomic information and computational analysis of emerging coronavirus (SARS-CoV-2). <i>Bulletin of the National Research Centre</i> , 2022, 46, .	0.7	10
2340	SperoPredictor: An Integrated Machine Learning and Molecular Docking-Based Drug Repurposing Framework With Use Case of COVID-19. <i>Frontiers in Public Health</i> , 0, 10, .	1.3	20
2341	Advancements in Testing Strategies for COVID-19. <i>Biosensors</i> , 2022, 12, 410.	2.3	8
2342	SEVERE ACUTE RESPIRATORY SYNDROME CORONAVIRUS TYPE 2 OMICRON VARIANT OUTBREAK IN INDIA: TIME TO ALERT. <i>Asian Journal of Pharmaceutical and Clinical Research</i> , 0, , 1-8.	0.3	0
2343	Systemic Neutralizing Antibodies and Local Immune Responses Are Critical for the Control of SARS-CoV-2. <i>Viruses</i> , 2022, 14, 1262.	1.5	1
2344	Comparative overview of emerging RNA viruses: Epidemiology, pathogenesis, diagnosis and current treatment. <i>Annals of Medicine and Surgery</i> , 2022, 79, .	0.5	7
2345	A Study of Drug Repurposing to Identify SARS-CoV-2 Main Protease (3CLpro) Inhibitors. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6468.	1.8	1
2346	Dublin hospital workers' mental health during the peak of Ireland's COVID-19 pandemic. <i>Irish Journal of Medical Science</i> , 2023, 192, 1293-1302.	0.8	2
2347	Pattern of conventional coagulation and thromboelastographic parameters in patients with COVID-19 diseases and association of COVID-associated coagulopathy with mortality in intensive care unit. <i>Anesthesia: Essays and Researches</i> , 2022, .	0.2	0
2348	THE DYNAMIC EFFECTS OF DIFFERENT QUARANTINE MEASURES ON THE SPREAD OF COVID-19. <i>Journal of Applied Analysis and Computation</i> , 2022, 12, 1532-1543.	0.2	2
2349	SARS, MERS, nSARS-CoV-2 infections and diseases: Emerging threats to public health. , 2022, , 235-252.		0
2350	COVID-19 and the hidden threat of diabetic microvascular complications. <i>Therapeutic Advances in Endocrinology and Metabolism</i> , 2022, 13, 204201882211107.	1.4	1
2351	Natural products as a therapy to combat against SARS-CoV-2 virus infection. , 2022, , 115-145.		3
2352	SARS-CoV-2 nucleocapsid protein: Importance in viral infection. , 2022, 52, 1.		1

#	ARTICLE	IF	CITATIONS
2353	Therapeutic Repurposing of Antiviral Drugs Available for COVID-19 Therapy: A Mini Review. Asian Journal of Chemistry, 2022, 34, 1993-1996.	0.1	0
2355	Origin, evolution, and pathogenesis of coronaviruses. , 2022, , 253-277.		0
2356	Mathematical Analysis of a COVID-19 Epidemic Model by Using Data Driven Epidemiological Parameters of Diseases Spread in India. Biophysics (Russian Federation), 2022, 67, 231-244.	0.2	14
2357	Landscape Determinants of Infectivity and Insights into Vaccine Development and Effectiveness - Novel Coronavirus. Letters in Drug Design and Discovery, 2023, 20, 119-143.	0.4	1
2358	Therapeutic role of traditionally used Indian medicinal plants and spices in combating COVID-19 pandemic situation. Journal of Biomolecular Structure and Dynamics, 2023, 41, 5894-5913.	2.0	6
2359	Attenuated Viral Replication of Avian <i>Infectious Bronchitis Virus</i> with a Novel 82-Nucleotide Deletion in the 5a Gene Indicates a Critical Role for 5a in Virus-Host Interactions. Microbiology Spectrum, 0, , .	1.2	1
2360	COVID-19: Questionable Seasonality. Eurasian Journal of Emergency Medicine, 2022, 21, 156-156.	0.1	0
2361	Identification of Potential Natural Bioactive Compounds from <i>Glycyrrhiza glabra</i> as Sars-CoV-2 Main Protease (M ^{PRO}) Inhibitors: In-Silico Approach. Magl'tallat' Al-Muá ^e -tar Li-l-ĒjulÁ«m, 2022, 37, 150-161.	0.1	0
2362	Enzymes in the time of COVID-19: An overview about the effects in the human body, enzyme market, and perspectives for new drugs. Medicinal Research Reviews, 2022, 42, 2126-2167.	5.0	4
2363	Host genomics of SARS-CoV-2 infection. European Journal of Human Genetics, 0, , .	1.4	10
2364	The Robustness of Cellular Immunity Determines the Fate of SARS-CoV-2 Infection. Frontiers in Immunology, 0, 13, .	2.2	28
2365	Comparison of the respiratory tract microbiome in hospitalized COVID-19 patients with different disease severity. Journal of Medical Virology, 2022, 94, 5284-5293.	2.5	15
2366	Overview of Hydroxychloroquine and Remdesivir on severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2). Journal of Heterocyclic Chemistry, 2023, 60, 165-182.	1.4	4
2367	Covid-19 a brief Overview. Brilliance, 2022, 2, 107-113.	0.3	0
2368	Autophagy in health and disease: From molecular mechanisms to therapeutic target. MedComm, 2022, 3, .	3.1	30
2369	Animal models for COVID-19: advances, gaps and perspectives. Signal Transduction and Targeted Therapy, 2022, 7, .	7.1	40
2370	Fast and Effective Deactivation of Human Coronavirus with Copper Oxide Suspensions. ACS Applied Bio Materials, 2022, 5, 3734-3740.	2.3	3
2371	correlation between IFN- γ and the severity of COVID-19 infected patients. International Journal of Health Sciences, 0, , .	0.0	0

#	ARTICLE	IF	CITATIONS
2372	Acute Neurological Presentation in Children With SARS-CoV-2 Infection. <i>Frontiers in Pediatrics</i> , 0, 10, .	0.9	5
2373	Is SARS-CoV-2 a Concern for Food Safety? A Very Low Prevalence from a Food Survey during the COVID-19 Pandemic in Northern Italy. <i>Foods</i> , 2022, 11, 2096.	1.9	1
2374	Revising the paradigm: Are bats really pathogen reservoirs or do they possess an efficient immune system?. <i>IScience</i> , 2022, 25, 104782.	1.9	8
2375	SARS-CoV-2 and the Missing Link of Intermediate Hosts in Viral Emergence - What We Can Learn From Other Betacoronaviruses. <i>Frontiers in Virology</i> , 0, 2, .	0.7	3
2376	Drug-Target Network Study Reveals the Core Target-Protein Interactions of Various COVID-19 Treatments. <i>Genes</i> , 2022, 13, 1210.	1.0	0
2377	A Path-Based Analysis of Infected Cell Line and COVID-19 Patient Transcriptome Reveals Novel Potential Targets and Drugs Against SARS-CoV-2. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	6
2378	The COVID-19 pandemic â€“ How many times were we warned before?. <i>European Journal of Internal Medicine</i> , 2022, 105, 8-14.	1.0	7
2379	Thromboprophylaxis and clinical outcomes in moderate COVID-19 patients: A comparative study. <i>Research in Social and Administrative Pharmacy</i> , 2022, 18, 4048-4055.	1.5	3
2380	Molecular mechanisms involved in pathogenicity of SARS-CoV-2: Immune evasion and implications for therapeutic strategies. <i>Biomedicine and Pharmacotherapy</i> , 2022, 153, 113368.	2.5	6
2381	SARS-CoV-2 infection: Pathogenesis, Immune Responses, Diagnosis. <i>Journal of Pure and Applied Microbiology</i> , 0, , .	0.3	0
2382	Oral antiviral treatments for COVID-19: opportunities and challenges. <i>Pharmacological Reports</i> , 2022, 74, 1255-1278.	1.5	31
2383	Perceived Effects of COVID-19 Pandemic on Food Security in Southeast Nigeria. <i>Frontiers in Sustainable Food Systems</i> , 0, 6, .	1.8	3
2384	COVID-19 Pandemic: Insights into Interactions between SARS-CoV-2 Infection and MAFLD. <i>International Journal of Biological Sciences</i> , 2022, 18, 4756-4767.	2.6	5
2385	Susceptibility of Patients with Inflammatory Bowel Disease to COVID-19 Compared with Their Households. <i>Middle East Journal of Digestive Diseases</i> , 2022, 14, 182-191.	0.2	0
2386	Perspective Chapter: Bioinformatics Study of the Evolution of SARS-CoV-2 Spike Protein. <i>Infectious Diseases</i> , 0, , .	4.0	0
2387	Oral Manifestations in Hospitalized COVID Patients. <i>World Journal of Dentistry</i> , 2022, 13, 434-440.	0.1	4
2388	High Resolution Computed Tomography Chest Findings in Patients with Positive RT-PCR of Covid-19. <i>Pakistan Biomedical Journal</i> , 0, , 278-283.	0.0	0
2389	Artificial Intelligence-Based Data-Driven Strategy to Accelerate Research, Development, and Clinical Trials of COVID Vaccine. <i>BioMed Research International</i> , 2022, 2022, 1-16.	0.9	15

#	ARTICLE	IF	CITATIONS
2391	Resilience and Protection of Health Care and Research Laboratory Workers During the SARS-CoV-2 Pandemic: Analysis and Case Study From an Austrian High Security Laboratory. <i>Frontiers in Psychology</i> , 0, 13, .	1.1	3
2392	Co-factor Interactions in <i>Alpha</i> and <i>Beta</i> coronavirus Core Polymerase Complexes. <i>Microscopy and Microanalysis</i> , 2022, 28, 1090-1091.	0.2	0
2393	Chest multidetector computed tomography imaging of COVID-19 pneumonia patients with hematologic malignancies. <i>Blood Research</i> , 2022, , .	0.5	0
2394	An evaluation of the 2019 novel coronavirus (COVID-19) disease. <i>Current Trends in Pharmacy and Pharmaceutical Chemistry</i> , 2022, 4, 90-97.	0.1	0
2395	Elevated Fasting Blood Glucose Levels Are Associated with Worse Clinical Outcomes in COVID-19 Patients Than in Pneumonia Patients with Bacterial Infections. <i>Pathogens</i> , 2022, 11, 902.	1.2	0
2396	Better healthcare can reduce the risk of COVID-19 in-hospital post-partum maternal death: evidence from Brazil. <i>International Journal of Epidemiology</i> , 0, , .	0.9	0
2397	The Effects of Laboratory Parameters on the Prognosis of COVID-19. <i>Eurasian Journal of Medicine</i> , 2022, 54, 242-247.	0.2	1
2398	Azithromycin through the Lens of the COVID-19 Treatment. <i>Antibiotics</i> , 2022, 11, 1063.	1.5	12
2399	Global research trends in MERS-CoV: A comprehensive bibliometric analysis from 2012 to 2021. <i>Frontiers in Public Health</i> , 0, 10, .	1.3	10
2400	Lessons from SARS-CoV, MERS-CoV, and SARS-CoV-2 Infections: What We Know So Far. <i>Canadian Journal of Infectious Diseases and Medical Microbiology</i> , 2022, 2022, 1-13.	0.7	5
2401	Immunological evaluation of patients with 2019 novel coronavirus pneumonia: CD4+ and CD16+ cells may predict severity and prognosis. <i>PLoS ONE</i> , 2022, 17, e0268712.	1.1	1
2402	The COVID-19 Clinical Spectrum and the Effect of Associated Comorbidities on Illness Severity in the North Indian Population: A Cross-Sectional Study. <i>Cureus</i> , 2022, , .	0.2	0
2403	Expedient Synthesis of Ubiquitin-like Protein ISG15 Tools through Chemo-Enzymatic Ligation Catalyzed by a Viral Protease Lb ^{pro} . <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	7
2404	Astrocytes and the Psychiatric Sequelae of COVID-19: What We Learned from the Pandemic. <i>Neurochemical Research</i> , 2023, 48, 1015-1025.	1.6	8
2405	COVID-19 pandemic: A multidisciplinary perspective on the pathogenesis of a novel coronavirus from infection, immunity and pathological responses. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	3
2406	COVID-19 and oral cancer: Critical viewpoint. <i>World Journal of Clinical Oncology</i> , 2022, 13, 725-728.	0.9	0
2408	Targeting autophagy regulation in NLRP3 inflammasome-mediated lung inflammation in COVID-19. <i>Clinical Immunology</i> , 2022, 244, 109093.	1.4	9
2409	Expedient Synthesis of Ubiquitin-like Protein ISG15 Tools through Chemo-Enzymatic Ligation Catalyzed by a Viral Protease Lb ^{pro} . <i>Angewandte Chemie</i> , 2022, 134, .	1.6	1

#	ARTICLE	IF	CITATIONS
2410	Monitoring SARS-CoV-2 Infection Using a Double Reporter-Expressing Virus. <i>Microbiology Spectrum</i> , 2022, 10, .	1.2	5
2411	Perception of Professionals from Different Healthcare Units Regarding the Use of Spray Technology for the Instantaneous Decontamination of Personal Protective Equipment during the Coronavirus Disease Pandemic: A Short Analysis. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 7771.	1.3	1
2412	A comprehensive insight into current control of COVID-19: Immunogenicity, vaccination, and treatment.. <i>Biomedicine and Pharmacotherapy</i> , 2022, 153, 113499.	2.5	12
2413	Gut bacteria, bacteriophages, and probiotics: Tripartite mutualism to quench the SARS-CoV2 storm. <i>Microbial Pathogenesis</i> , 2022, 170, 105704.	1.3	6
2414	Inflation and COVID-19 Supply Chain Disruption. <i>Advances in Logistics, Operations, and Management Science Book Series</i> , 2022, , 10-23.	0.3	1
2415	MERS-CoV ORF4b is a virulence factor involved in the inflammatory pathology induced in the lungs of mice. <i>PLoS Pathogens</i> , 2022, 18, e1010834.	2.1	8
2416	Pathogenesis of certain neurological complications of new coronavirus infection: a foreign literature review. <i>Profilakticheskaya Meditsina</i> , 2022, 25, 98.	0.2	0
2417	Male Reproductive Tract Involvement and Sperm Parameters in SARS-CoV-2 Patients: A Systematic Review and Meta-Analysis. <i>World Journal of Men?s Health</i> , 0, 40, .	1.7	4
2418	Current clinical testing approach of COVID. , 2022, , 231-274.		0
2419	Friend or Foe? Implication of the autophagy-lysosome pathway in SARS-CoV-2 infection and COVID-19. <i>International Journal of Biological Sciences</i> , 2022, 18, 4690-4703.	2.6	14
2420	Genetic Study of Bacteria and Bacteriophage. , 2022, , 299-350.		0
2421	Pregnancy and Postpartum Period Community-Acquired Pneumonia. , 2022, , 813-832.		0
2422	Nature of viruses and pandemics: Coronaviruses. <i>Current Research in Immunology</i> , 2022, 3, 151-158.	1.2	3
2423	Signaling mechanisms of SARS-CoV-2 Nucleocapsid protein in viral infection, cell death and inflammation. <i>International Journal of Biological Sciences</i> , 2022, 18, 4704-4713.	2.6	26
2424	SARS-CoV-2 genome sequencing and promising druggable targets. , 2022, , 3-22.		1
2425	In silico insight into the interaction of 4-aminoquinolines with selected SARS-CoV-2 structural and nonstructural proteins. , 2022, , 313-333.		8
2426	Antiviral potential of nanomaterials: Novel solutions for emerging challenges. , 2023, , 133-154.		0
2427	Searching for potential inhibitors of SARS-COV-2 main protease using supervised learning and perturbation calculations. <i>Chemical Physics</i> , 2023, 564, 111709.	0.9	6

#	ARTICLE	IF	CITATIONS
2428	Impact of COVID 19 on erectile function. <i>Aging Male</i> , 2022, 25, 202-216.	0.9	17
2429	The role of B cells in COVID-19 infection and vaccination. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	25
2430	Mapping monoclonal anti-SARS-CoV-2 antibody repertoires against diverse coronavirus antigens. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	2
2431	Lung function and radiological findings 1Âyear after COVID-19: a prospective follow-up. <i>Respiratory Research</i> , 2022, 23, .	1.4	41
2432	Covid-19-induced pulmonary hypertension in children, and the use of phosphodiesterase-5 inhibitors. <i>F1000Research</i> , 0, 10, 792.	0.8	0
2433	MERS-CoV nsp1 regulates autophagic flux via mTOR signalling and dysfunctional lysosomes. <i>Emerging Microbes and Infections</i> , 2022, 11, 2529-2543.	3.0	1
2434	Potential of conserved antigenic sites in development of universal SARS-like coronavirus vaccines. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	0
2435	Fear-Responses to Bat-Originating Coronavirus Pandemics with Respect to Quarantines Gauged in Relation to Postmodern Thoughtâ€”Implications and Recommendations. <i>Covid</i> , 2022, 2, 1303-1328.	0.7	1
2436	The impact of the COVID-19 pandemic on stress and other psychological factors in pregnant women giving birth during the first wave of the pandemic. <i>Reproductive Health</i> , 2022, 19, .	1.2	6
2437	SARS-CoV-2 Variant Surveillance in Genomic Medicine Era. <i>Infectious Diseases</i> , 0, , .	4.0	0
2438	Patterns of Viral Arthropathy and Myalgia Following COVID-19: A Cross-Sectional National Survey. <i>Journal of Pain Research</i> , 0, Volume 15, 3069-3077.	0.8	1
2439	Case report: Bilateral panuveitis resembling Vogt-Koyanagi-Harada disease after second dose of BNT162b2 mRNA COVID-19 vaccine. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	4
2440	Multi-omic comparative analysis of COVID-19 and bacterial sepsis-induced ARDS. <i>PLoS Pathogens</i> , 2022, 18, e1010819.	2.1	17
2441	Immunology to Immunotherapeutics of SARS-CoV-2: Identification of Immunogenic Epitopes for Vaccine Development. <i>Current Microbiology</i> , 2022, 79, .	1.0	3
2442	Broadly neutralizing antibodies to SARS-CoV-2 and other human coronaviruses. <i>Nature Reviews Immunology</i> , 2023, 23, 189-199.	10.6	112
2443	The Mechanisms of Zinc Action as a Potent Anti-Viral Agent: The Clinical Therapeutic Implication in COVID-19. <i>Antioxidants</i> , 2022, 11, 1862.	2.2	4
2444	Effect of Cytokines Gene Expression and Serum Level of Vitamin D on the Severity of COVID-19. <i>Iranian Journal of Medical Microbiology</i> , 2022, 16, 412-419.	0.1	1
2445	Inflammasome Genetic Variants Are Associated with Protection to Clinical Severity of COVID-19 among Patients from Rio de Janeiro, Brazil. <i>BioMed Research International</i> , 2022, 2022, 1-15.	0.9	3

#	ARTICLE	IF	CITATIONS
2446	Tetraspanin-enriched Microdomain Containing CD151, CD9, and TSPAN 8 – Potential Mediators of Entry and Exit Mechanisms in Respiratory Viruses Including SARS-CoV-2. <i>Current Pharmaceutical Design</i> , 2022, 28, 3649-3657.	0.9	5
2447	Development of variant-proof severe acute respiratory syndrome coronavirus 2, pan-sarbecovirus, and pan-coronavirus vaccines. <i>Journal of Medical Virology</i> , 2023, 95, .	2.5	12
2448	Immunophenotyping characteristics of COVID-19 patients: Peripheral blood CD8+ HLA-DR+ T cells as a biomarker for mortality outcome. <i>Journal of Medical Virology</i> , 2023, 95, .	2.5	3
2449	Revolutionary Solutions for Comprehensive Assessment of COVID-19 Pandemic. <i>Algorithms for Intelligent Systems</i> , 2023, , 183-195.	0.5	0
2450	Computational Modeling of ACE2 Inhibitors for Development of Drugs Against Coronaviruses. <i>Methods in Pharmacology and Toxicology</i> , 2021, , 615-629.	0.1	0
2451	Advances in research on 3C-like protease (3CL ^{pro}) inhibitors against SARS-CoV-2 since 2020. <i>RSC Medicinal Chemistry</i> , 2023, 14, 9-21.	1.7	15
2452	Preventing the Next Pandemic through a Planetary Health Approach: A Focus on Key Drivers of Zoonosis. <i>Challenges</i> , 2022, 13, 50.	0.9	6
2453	Expression and Immunogenicity of SARS-CoV-2 Virus-Like Particles based on Recombinant Truncated HEV-3 ORF2 Capsid Protein. <i>Journal of Microbiology and Biotechnology</i> , 2022, 32, 1335-1343.	0.9	2
2454	Comparing the Immunogenicity and Protective Effects of Three MERS-CoV Inactivation Methods in Mice. <i>Vaccines</i> , 2022, 10, 1843.	2.1	1
2455	Neuro-immune Interactions in Severe COVID-19 Infection. <i>Pathogens</i> , 2022, 11, 1256.	1.2	1
2456	Application of CRISPR/Cas Systems in the Nucleic Acid Detection of Infectious Diseases. <i>Diagnostics</i> , 2022, 12, 2455.	1.3	13
2457	Thrombosis on background of COVID-19 in middle-aged people. <i>Medical Alphabet</i> , 2022, , 38-43.	0.0	0
2458	Structural similarities between SARS-CoV2 3CL ^{pro} and other viral proteases suggest potential lead molecules for developing broad spectrum antivirals. <i>Frontiers in Chemistry</i> , 0, 10, .	1.8	7
2459	The S protein of a novel recombinant PEDV strain promotes the infectivity and pathogenicity of PEDV in mid-west China. <i>Transboundary and Emerging Diseases</i> , 2022, 69, 3704-3723.	1.3	5
2460	Emissions of black carbon and polycyclic aromatic hydrocarbons: Potential implications of cultural practices during the Covid-19 pandemic. <i>Gondwana Research</i> , 2023, 114, 4-14.	3.0	26
2461	Narrative review on century of respiratory pandemics from Spanish flu to COVID-19 and impact of nanotechnology on COVID-19 diagnosis and immune system boosting. <i>Virology Journal</i> , 2022, 19, .	1.4	7
2462	Effects of the Government Response and Community Mobility on the COVID-19 Pandemic in Southeast Asia. <i>Healthcare (Switzerland)</i> , 2022, 10, 2003.	1.0	0
2463	Electrochemical Aptasensing of SARS-CoV-2 Based on Triangular Prism DNA Nanostructures and Dumbbell Hybridization Chain Reaction. <i>Analytical Chemistry</i> , 2022, 94, 14755-14760.	3.2	19

#	ARTICLE	IF	CITATIONS
2464	Effects of COVID-19 on Pregnant Women and Newborns: A Review. Cureus, 2022, , .	0.2	5
2465	Relevant laboratory parameters in patients at hospital admission between July 2020 and October 2021 due to covid-19 at the TesÅi Foundation Hospital. Revista CientÅfica Ciencias De La Salud, 2022, 4, 27-37.	0.1	0
2466	COMPREHENSIVE THERAPEUTIC INTERVENTIONS AGAINST SARS-COV-2: A REVIEW AND PROSPECTIVE. International Journal of Pharmacy and Pharmaceutical Sciences, 0, , 1-12.	0.3	0
2467	A Comprehensive Review on the Efficacy of Several Pharmacologic Agents for the Treatment of COVID-19. Life, 2022, 12, 1758.	1.1	9
2468	Insights on the possibility of SARS-CoV-2 transmission through the eyes. International Journal of Ophthalmology, 2022, 15, 1857-1863.	0.5	1
2469	Temporal Transcriptome Analysis of SARS-CoV-2-Infected Lung and Spleen in Human ACE2-Transgenic Mice. Molecules and Cells, 2022, 45, 896-910.	1.0	0
2470	Forthcoming complications in recovered COVID-19 patients with COPD and asthma; possible therapeutic opportunities. Cell Communication and Signaling, 2022, 20, .	2.7	2
2471	Geneticin shows selective antiviral activity against SARS-CoV-2 by interfering with programmed â”1 ribosomal frameshifting. Antiviral Research, 2022, 208, 105452.	1.9	5
2472	The critical experimental aspects for developing pathogen electrochemical biosensors: A lesson during the COVID-19 pandemic. Talanta, 2023, 253, 124009.	2.9	2
2473	The Immediate Italian Response to the Management of Non-medical Waste Potentially Infected by SARS-CoV-2 During the Emergency Phase of the Pandemic. , 2022, , 105-118.		0
2474	Waste Management During Pandemic of COVID-19 in India, Italy, and the USA: The Influence of Cultural Perspectives. , 2022, , 3-19.		0
2475	Characterizing the ligand-binding affinity toward SARS-CoV-2 Mpro<i> via </i>physics- and knowledge-based approaches. Physical Chemistry Chemical Physics, 2022, 24, 29266-29278.	1.3	4
2476	Classification of Covid-19 Variants Using Boosting Algorithm. , 2022, , .		1
2477	Association between Laboratory Findings and Mortality of Hospitalized Patients with Covid-19 in Mashhad, Iran. Journal of Advances in Medical and Biomedical Research, 2022, 30, 519-535.	0.1	0
2478	One microRNA has the potential to target whole viral mRNAs in a given human coronavirus. Frontiers in Microbiology, 0, 13, .	1.5	5
2479	Synthetic Platforms for Characterizing and Targeting of SARS-CoV-2 Genome Capping Enzymes. ACS Synthetic Biology, 2022, 11, 3759-3771.	1.9	2
2480	Use of a Bacterial Artificial Chromosome to Generate Recombinant SARS-CoV-2 Expressing Robust Levels of Reporter Genes. Microbiology Spectrum, 2022, 10, .	1.2	3
2481	Ageing, inflammaging and immunosenescence as risk factors of severe COVID-19. Immunity and Ageing, 2022, 19, .	1.8	28

#	ARTICLE	IF	CITATIONS
2483	The Changing Epidemiology of Central Nervous System Infection. <i>Neuroimaging Clinics of North America</i> , 2023, 33, 1-10.	0.5	0
2484	Immunity and Therapeutic Approaches against Coronavirus Disease 2019. <i>Archives of Pharmacy Practice</i> , 2022, 13, 105-111.	0.2	2
2485	Pyroptosis in the lung and spleen of patients died from COVID-19. <i>European Journal of Inflammation</i> , 2022, 20, 1721727X2211406.	0.2	3
2486	Telomere and SARS-CoV-2: A Correlation between Them. <i>Journal of Biosciences and Medicines</i> , 2022, 10, 153-164.	0.1	0
2487	Glycyrrhizin as a promising kryptonite against SARS-CoV-2: Clinical, experimental, and theoretical evidences. <i>Journal of Molecular Structure</i> , 2023, 1275, 134642.	1.8	12
2488	Investigation of COVID-19 Serology in a Tertiary Care Center. <i>Ahi Evran Medical Journal</i> , 0, , .	0.1	0
2489	Respiratory immune status and microbiome in recovered COVID-19 patients revealed by metatranscriptomic analyses. <i>Frontiers in Cellular and Infection Microbiology</i> , 0, 12, .	1.8	2
2490	An overview of viral mutagenesis and the impact on pathogenesis of SARS-CoV-2 variants. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	7
2491	An older patient with active ulcerative colitis and coronavirus disease 2019 (COVID-19) pneumonia successfully treated with the combination of anti-TNF α therapy and azathioprine. <i>Clinical Journal of Gastroenterology</i> , 2023, 16, 187-192.	0.4	1
2492	Cranial Nerve Impairment Associated With COVID-19 Infections: A Systematic Review. <i>Cureus</i> , 2022, , .	0.2	2
2493	The role of IL-6 in coronavirus, especially in COVID-19. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	15
2494	Airborne transmission of biological agents within the indoor built environment: a multidisciplinary review. <i>Air Quality, Atmosphere and Health</i> , 2023, 16, 477-533.	1.5	5
2495	Molecular Function of cGAS-STING in SARS-CoV-2: A Novel Approach to COVID-19 Treatment. <i>BioMed Research International</i> , 2022, 2022, 1-10.	0.9	3
2496	Introduction, Background and Properties of Coronaviruses. <i>Essentials</i> , 2023, , 1-6.	0.1	0
2497	Assessment of Humoral Immune Response to SARS CoV-2 Virus among Work Staff. <i>Zhurnal Eksperimental'noĭ i Klinicheskoy Meditsiny</i> , 0, , 39-47.	0.0	0
2498	Structural Landscape of nsp Coding Genomic Regions of SARS-CoV-2-ssRNA Genome: A Structural Genomics Approach Toward Identification of Druggable Genome, Ligand-Binding Pockets, and Structure-Based Druggability. <i>Molecular Biotechnology</i> , 0, , .	1.3	0
2499	Difference between SARS-CoV-2, seasonal coronavirus, influenza, and respiratory syncytial virus infection in solid organ transplant recipients. <i>Transplant Infectious Disease</i> , 0, , .	0.7	1
2500	SARS-CoV-2 proteases Mpro and PLpro: Design of inhibitors with predicted high potency and low mammalian toxicity using artificial neural networks, ligand-protein docking, molecular dynamics simulations, and ADMET calculations. <i>Computers in Biology and Medicine</i> , 2023, 153, 106449.	3.9	9

#	ARTICLE	IF	CITATIONS
2501	Cell cycle block by p53 activation reduces SARS-CoV-2 release in infected alveolar basal epithelial A549-hACE2 cells. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	7
2502	Alterações dermatológicas em pacientes com Covid-19. <i>E-Acadêmica</i> , 2022, 3, e5233362.	0.0	0
2503	Other Aspects: Immunity and Viral Mutations. <i>Essentials</i> , 2023, , 35-41.	0.1	0
2504	COVID-19 Associated Autoimmunity: Are Autoantibodies Neglected?, 0, , .		0
2505	Antigen-Specific T Cells and SARS-CoV-2 Infection: Current Approaches and Future Possibilities. <i>International Journal of Molecular Sciences</i> , 2022, 23, 15122.	1.8	1
2506	Monoclonal antibodies constructed from COVID-19 convalescent memory B cells exhibit potent binding activity to MERS-CoV spike S2 subunit and other human coronaviruses. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	1
2507	A hypothesis on designing strategy of effective RdRp inhibitors for the treatment of SARS-CoV-2. <i>3 Biotech</i> , 2023, 13, .	1.1	2
2508	Modified DNA vaccine confers improved humoral immune response and effective virus protection against SARS-CoV-2 delta variant. <i>Scientific Reports</i> , 2022, 12, .	1.6	5
2509	Clinical features of elderly patients with COVID-19 in Wuhan, China. <i>World Journal of Clinical Cases</i> , 0, 10, 12890-12898.	0.3	1
2510	<i>In Vitro</i> Screening and MD Simulations of Thiourea Derivatives against SARS-CoV-2 in Association with Multidrug Resistance ABCB1 Transporter. <i>ACS Omega</i> , 2022, 7, 47671-47679.	1.6	2
2511	A novel cartridge for nucleic acid extraction, amplification and detection of infectious disease pathogens with the help of magnetic nanoparticles. <i>Chinese Chemical Letters</i> , 2023, 34, 108092.	4.8	4
2512	Bacterial profiles and their antibiotic resistance background in superinfections caused by multidrug-resistant bacteria among COVID-19 ICU patients from southwest Iran. <i>Journal of Medical Virology</i> , 2023, 95, .	2.5	2
2513	Clinical Outcome of Coronavirus Disease 2019 in Patients with Primary Antibody Deficiencies. <i>Pathogens</i> , 2023, 12, 109.	1.2	2
2514	Analysis of critical protein-protein interactions of SARS-CoV-2 capping and proofreading molecular machineries towards designing dual target inhibitory peptides. <i>Scientific Reports</i> , 2023, 13, .	1.6	3
2515	Cross-species transmission, evolution and zoonotic potential of coronaviruses. <i>Frontiers in Cellular and Infection Microbiology</i> , 0, 12, .	1.8	3
2516	SARS-CoV-2 infection augments species- and age-specific predispositions in cotton rats. <i>Scientific Reports</i> , 2023, 13, .	1.6	2
2517	A comprehensive perspective of traditional Arabic or Islamic medicinal plants as an adjuvant therapy against COVID-19. <i>Saudi Journal of Biological Sciences</i> , 2023, 30, 103561.	1.8	1
2518	A Recent Update on SARS-CoV-2 Transmission and its Variants: Transmission, Pathogenic Mechanism, and Treatment. <i>Coronaviruses</i> , 2023, 4, .	0.2	1

#	ARTICLE	IF	CITATIONS
2520	Automated sample-to-answer system for rapid and accurate diagnosis of emerging infectious diseases. <i>Sensors and Actuators B: Chemical</i> , 2023, 380, 133382.	4.0	2
2521	Advancement in COVID-19 detection using nanomaterial-based biosensors. <i>Exploration</i> , 2023, 3, .	5.4	16
2522	Clinical diagnosis, treatment and outcome of critically ill patients with coronavirus disease 2019 infected by SARS-CoV-2 in Wuhan and Shenyang, China: A dual-center, retrospective, observational study. <i>Community Acquired Infection</i> , 0, 9, .	0.1	0
2523	Carvacrol: A PLpro Inhibitor of SARS-CoV-2 Is a Natural Weapon for COVID-19. , 0, , .		0
2524	Analysis of differential gene expression of pro-inflammatory cytokines in the nasopharyngeal milieu of mild & severe COVID-19 cases. <i>PLoS ONE</i> , 2022, 17, e0279270.	1.1	1
2525	Analysis of Antibody Neutralisation Activity against SARS-CoV-2 Variants and Seasonal Human Coronaviruses NL63, HKU1, and 229E Induced by Three Different COVID-19 Vaccine Platforms. <i>Vaccines</i> , 2023, 11, 58.	2.1	5
2526	Health Crisis and Cancer Prevention: Friend or Foe. , 2023, , 1-22.		0
2527	The Scottish COVID Cancer Immunity Prevalence Study: A Longitudinal Study of SARS-CoV-2 Immune Response in Patients Receiving Anti-Cancer Treatment. <i>Oncologist</i> , 2023, 28, e145-e155.	1.9	1
2528	Targeting Viral ORF3a Protein: A New Approach to Mitigate COVID-19 Induced Immune Cell Apoptosis and Associated Respiratory Complications. <i>Advanced Pharmaceutical Bulletin</i> , 2023, 13, 678-687.	0.6	1
2529	Vitamin D and estrogen steroid hormones and their immunogenetic roles in Infectious respiratory (TB) Tj ETQq1 1 0,784314 rgBT /Ov	0,6	0
2530	Functional nucleic acids as potent therapeutics against SARS-CoV-2 infection. <i>Cell Reports Physical Science</i> , 2023, , 101249.	2.8	1
2531	Origin, Genetic Variation and Molecular Epidemiology of SARS-CoV-2 Strains Circulating in Sardinia (Italy) during the First and Second COVID-19 Epidemic Waves. <i>Viruses</i> , 2023, 15, 277.	1.5	0
2532	COVID-19 and pediatrics phylogeny, pathology, and pathogenesis of SARS-CoV-2. , 2023, , 23-40.		0
2533	Plant Extracts and SARS-CoV-2: Research and Applications. <i>Life</i> , 2023, 13, 386.	1.1	3
2534	Experimental and computational methods for studying the dynamics of RNA-RNA interactions in SARS-COV2 genomes. <i>Briefings in Functional Genomics</i> , 2024, 23, 46-54.	1.3	0
2535	Shark nanobodies with potent SARS-CoV-2 neutralizing activity and broad sarbecovirus reactivity. <i>Nature Communications</i> , 2023, 14, .	5.8	12
2536	Ruxolitinib'in COVID-19 majr proteaz enzimine ve SARS CoV-2 spike glikoproteinine karÄ± inhibitör aktivitesi: Bir moleküler kenetlenme ÅsalÄ±mas±. , 2023, 8, 65-73.		0
2537	Immunotherapeutic approaches in the treatment of COVID-19. <i>Genes and Cells</i> , 2020, 15, 19-26.	0.2	0

#	ARTICLE	IF	CITATIONS
2538	Exploration of Factors of Failure to Comply With Home Quarantine During the Outbreak of the COVID-19 Disease in Iran: A Qualitative Study. , 2022, 18, 10-18.		0
2539	Exploration of Factors of Failure to Comply With Home Quarantine During the Outbreak of the COVID-19 Disease in Iran: A Qualitative Study. , 2022, 18, 10-18.		0
2540	Virucidal activity of nanomaterials for the viruses: a SARS-CoV-2 case study. , 2023, , 77-96.		0
2541	Molecular recognition of SARS-CoV-2 spike protein with three essential partners: exploring possible immune escape mechanisms of viral mutants. Journal of Molecular Modeling, 2023, 29, .	0.8	4
2542	Changes in incidence and mortality trend due to COVID-19 in southern Iran, from 2020 to 2021: based on Cochranâ€™Armitage trend test. Zeitschrift Fur Gesundheitswissenschaften, 0, , .	0.8	0
2543	Determining human-coronavirus protein-protein interaction using machine intelligence. Medicine in Novel Technology and Devices, 2023, 18, 100228.	0.9	0
2544	Burgeoning therapeutic strategies to curb the contemporary surging viral infections. Microbial Pathogenesis, 2023, 179, 106088.	1.3	0
2545	Immunological aspects of coronavirus disease caused by SARS-CoV-2. Genes and Cells, 2020, 15, 14-21.	0.2	5
2546	Detect and suppress future zoonoticâ€derived outbreaks: A lesson from the last two decades. Journal of Medical Virology, 2023, 95, .	2.5	1
2547	Transmission of COVID-19 between Animals and Humans: A challenge for the Scientists. Journal of Medical Microbiology and Infectious Diseases, 2021, 9, 1-4.	0.1	1
2548	Discovery of Polyphenolic Natural Products as SARS-CoV-2 Mpro Inhibitors for COVID-19. Pharmaceuticals, 2023, 16, 190.	1.7	10
2549	Antibodies, B Cell Responses and Immune Responses to SARS-CoV-2 Infections. Antibodies, 2023, 12, 12.	1.2	0
2550	Computational design of candidate multi-epitope vaccine against SARS-CoV-2 targeting structural (S) Tj ETQq0 0 0 rgBT /Overlock 10 Tf Dynamics, 2023, 41, 13348-13367.	2.0	4
2552	Single-Center Experience in Detecting Influenza Virus, RSV and SARS-CoV-2 at the Emergency Department. Viruses, 2023, 15, 470.	1.5	2
2553	Aloin A inhibits SARS CoV-2 replication by targeting its binding with ACE2 - Evidence from modeling-supported molecular dynamics simulation. Journal of Biomolecular Structure and Dynamics, 2023, 41, 11647-11656.	2.0	3
2554	Salivary Metabolomic Analysis Reveals Amino Acid Metabolism Shift in SARS-CoV-2 Virus Activity and Post-Infection Condition. Metabolites, 2023, 13, 263.	1.3	3
2555	Domestic Animals as Potential Reservoirs of Zoonotic Viral Diseases. Annual Review of Animal Biosciences, 2023, 11, 33-55.	3.6	14
2556	Animal Models, Zoonotic Reservoirs, and Cross-Species Transmission of Emerging Human-Infecting Coronaviruses. Annual Review of Animal Biosciences, 2023, 11, 1-31.	3.6	8

#	ARTICLE	IF	CITATIONS
2558	Identification and Genetic Characterization of MERS-Related Coronavirus Isolated from Nathusiusâ€™™ Pipistrelle (<i>Pipistrellus nathusii</i>) near Zvenigorod (Moscow Region, Russia). <i>International Journal of Environmental Research and Public Health</i> , 2023, 20, 3702.	1.2	5
2559	Quinones as Promising Compounds against Respiratory Viruses: A Review. <i>Molecules</i> , 2023, 28, 1981.	1.7	2
2560	Low Prevalence of SARS-CoV-2 Antibodies in Canine and Feline Serum Samples Collected during the COVID-19 Pandemic in Hong Kong and Korea. <i>Viruses</i> , 2023, 15, 582.	1.5	2
2561	Numerical Analysis of Three-dimensional Nanodisk Arrayâ€™based Surface Plasmon Resonance Biosensors for SARS-CoV-2 Detection. <i>Plasmonics</i> , 2023, 18, 769-779.	1.8	1
2562	Spatial and temporal distribution of emerging airborne viral infectious diseases outbreaks on a global scale. <i>Zeitschrift Fur Gesundheitswissenschaften</i> , 0, , .	0.8	0
2563	Monitoring of Rivers and Streams Conditions Using Biological Indices with Emphasis on Algae: A Comprehensive Descriptive Review toward River Management. , 0, , .		3
2565	Infections of the cardiovascular system. , 2023, , 255-326.		0
2566	SARS-CoV-2 SUD2 and Nsp5 Conspire to Boost Apoptosis of Respiratory Epithelial Cells via an Augmented Interaction with the G-Quadruplex of BclII. <i>MBio</i> , 0, , .	1.8	0
2567	An Omics Strategy for Translational Bioinformatics and Rapid COVID-19 Drug Repurposing. <i>OMICS A Journal of Integrative Biology</i> , 2023, 27, 109-115.	1.0	0
2568	Convalescent Plasma Effect to Neutralization Antibody and Inflammation Parameter Level in Moderate COVID-19 Patients. , 2023, , 755-763.		0
2569	Molecular architecture and dynamics of SARS-CoV-2 envelope by integrative modeling. <i>Structure</i> , 2023, 31, 492-503.e7.	1.6	16
2570	Immune evasion of neutralizing antibodies by SARS-CoV-2 Omicron. <i>Cytokine and Growth Factor Reviews</i> , 2023, 70, 13-25.	3.2	17
2571	A Scoping Review on COVID-19-Induced Cardiovascular Complications. <i>Covid</i> , 2023, 3, 348-369.	0.7	1
2572	Solid-State Fermentation for the Recovery of Phenolic Compounds from Agro-Wastes. <i>Resources</i> , 2023, 12, 36.	1.6	4
2573	Correlation of Lymphocyte Subpopulations, Clinical Features and Inflammatory Markers during Severe COVID-19 Onset. <i>Pathogens</i> , 2023, 12, 414.	1.2	4
2574	Oral Pathology in the Context of COVID-19: Perspectives Based on a Compilation of Literature Data. <i>Journal of the California Dental Association</i> , 2020, 48, 517-531.	0.0	0
2575	Cardamonin as a p38 MAPK Signaling Pathway Activator Inhibits Human Coronavirus OC43 Infection in Human Lung Cells. <i>Nutrients</i> , 2023, 15, 1335.	1.7	4
2576	Design, Synthesis, and Antiviral Activities of New Benzotriazole-Based Derivatives. <i>Pharmaceuticals</i> , 2023, 16, 429.	1.7	1

#	ARTICLE	IF	CITATIONS
2577	Severe Acute Respiratory Syndrome Associated Infections. <i>Physician Assistant Clinics</i> , 2023, , .	0.1	0
2578	COVID-19 and Cardiovascular Diseases: From Cellular Mechanisms to Clinical Manifestations. , 2023, 14, 2071.		4
2579	Canine Coronavirus Infection Modulates the Biogenesis and Composition of Cell-Derived Extracellular Vesicles. <i>Biomedicines</i> , 2023, 11, 976.	1.4	1
2580	Modeling of SARS-CoV-2 Virus Proteins: Implications on Its Proteome. <i>Methods in Molecular Biology</i> , 2023, , 265-299.	0.4	0
2582	Glycan masking in vaccine design: Targets, immunogens and applications. <i>Frontiers in Immunology</i> , 0, 14, .	2.2	3
2583	Potent NKT cell ligands overcome SARS-CoV-2 immune evasion to mitigate viral pathogenesis in mouse models. <i>PLoS Pathogens</i> , 2023, 19, e1011240.	2.1	6
2584	Cell-Based Biomaterials for Coronavirus Disease 2019 Prevention and Therapy. <i>Advanced Healthcare Materials</i> , 2023, 12, .	3.9	0
2585	Biosensing strategies for the detection of SARS-CoV-2 nucleic acids. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2023, 232, 115370.	1.4	3
2586	Roles of p53-Mediated Host-Virus Interaction in Coronavirus Infection. <i>International Journal of Molecular Sciences</i> , 2023, 24, 6371.	1.8	4
2588	A bioinformatics approach to characterize a hypothetical protein Q6S8D9_SARS of SARS-CoV. <i>Genomics and Informatics</i> , 2023, 21, e3.	0.4	2
2589	Transmission of droplet aerosols in an elevator cabin: Effect of the ventilation mode. <i>Building and Environment</i> , 2023, 236, 110261.	3.0	9
2590	Channel activity of SARS-CoV-2 viroporin ORF3a inhibited by adamantanes and phenolic plant metabolites. <i>Scientific Reports</i> , 2023, 13, .	1.6	6
2593	Effect of probiotics as an immune modulator for the management of COVID-19. <i>Archives of Microbiology</i> , 2023, 205, .	1.0	2
2594	Mathematical Study on Corona-Virus (COVID-19) Disease Transmission and Its Stability Through SEIR Epidemic Model. <i>Lecture Notes in Networks and Systems</i> , 2023, , 562-578.	0.5	0
2595	Effect of coronaviruses on blood vessel permeability: potential therapeutic targets. <i>Therapeutic Advances in Respiratory Disease</i> , 2023, 17, 175346662311622.	1.0	0
2596	Updated Taxonomic Key of European Nycteribiidae (Diptera), with a Host-Parasite Network. <i>Diversity</i> , 2023, 15, 573.	0.7	1
2597	Calling for improved pulmonary and critical care medicine in China and beyond. , 2023, 1, 1-2.		3
2598	Estimation and sensitivity analysis of a COVID-19 model considering the use of face mask and vaccination. <i>Scientific Reports</i> , 2023, 13, .	1.6	1

#	ARTICLE	IF	CITATIONS
2599	Nebulizer spray delivery of phytopharmaceutical nanosuspension via oral and nasal route. , 2023, , 437-457.		0
2600	A cross sectional study of knowledge, attitude and practices of medical students regarding COVID-19 in Northern India. Journal of Clinical Medicine of Kazakhstan, 2023, 20, 26-32.	0.1	0
2610	The effect of COVID-19 on cancer immunotherapy and cancer care. , 2024, , 289-310.e7.		0
2611	Zoonoses and anthroponoses: Reverse transmission of pathogens. , 2023, , 1-49.		0
2642	Interaction Between SARS-CoV-2 and Pathogenic Bacteria. Current Microbiology, 2023, 80, .	1.0	1
2644	Vaccination Hesitancy and Adaptation with Particular Emphasis on Women. , 2023, , 78-95.		0
2654	Noninvasive Ventilation in Severe Acute Respiratory Syndrome. , 2023, , 159-166.		0
2661	Severe Acute Respiratory Syndrome Associated Corona Virus [SARS-CoV]. , 2023, , 157-187.		0
2665	Les coronavirus. , 2023, , 67-87.		0
2669	Study of SEIQR mathematical model-prediction of spread of Covid-19. AIP Conference Proceedings, 2023, , .	0.3	0
2681	Variants of SARS-CoV-2 and COVID-19 in Mexico. , 0, , .		0
2682	Meta-Analysis of Spread of Disease: COVID-19*. , 2023, , .		0
2697	SARS-CoV-2 and innate immunity: the good, the bad, and the "goldilocks", 2024, 21, 171-183.		4
2742	The Impact of Covid-19 on Refugees in the Hosting Country Case Study " Jordan. Lecture Notes in Networks and Systems, 2024, , 515-533.	0.5	0
2749	Natural Product-Based Anti-Viral Agents Against RNA Viruses: An Important Strategy for Pandemic Preparedness. , 2024, , 411-440.		0