The cytokine storm of severe influenza and developmen

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Citation Report

#	Article	IF	Citations
1	Influenza lung injury: mechanisms and therapeutic opportunities. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2015, 309, L1041-L1046.	1.3	26
2	Aberrant coagulation causes a hyper-inflammatory response in severe influenza pneumonia. Cellular and Molecular Immunology, 2016, 13, 432-442.	4.8	121
3	The Influenza Virus Polymerase Complex: An Update on Its Structure, Functions, and Significance for Antiviral Drug Design. Medicinal Research Reviews, 2016, 36, 1127-1173.	5.0	129
4	JNJ872 inhibits influenza A virus replication without altering cellular antiviral responses. Antiviral Research, 2016, 133, 23-31.	1.9	40
5	Viral immunology: reunion of the conjoined twins disciplines. Cellular and Molecular Immunology, 2016, 13, 1-2.	4.8	37
6	Current and future developments in the treatment of virus-induced hypercytokinemia. Future Medicinal Chemistry, 2017, 9, 169-178.	1.1	69
7	Involvement of NK Cells in IL-28Bâ€“Mediated Immunity against Influenza Virus Infection. Journal of Immunology, 2017, 199, 1012-1020.	0.4	25
8	New fronts emerge in the influenza cytokine storm. Seminars in Immunopathology, 2017, 39, 541-550.	2.8	220
9	Respiratory Influenza Virus Infection Induces Memory-like Liver NK Cells in Mice. Journal of Immunology, 2017, 198, 1242-1252.	0.4	54
10	Ebola Virus Binding to Tim-1 on T Lymphocytes Induces a Cytokine Storm. MBio, 2017, 8, .	1.8	97
11	MicroRNA-302a suppresses influenza A virusâ€“stimulated interferon regulatory factor-5 expression and cytokine storm induction. Journal of Biological Chemistry, 2017, 292, 21291-21303.	1.6	53
12	Benefits of immune protection versus immunopathology costs: A synthesis from cytokine KO models. Infection, Genetics and Evolution, 2017, 54, 491-495.	1.0	10
13	Andrographolide inhibits influenza A virus-induced inflammation in a murine model through NF-Î°B and JAK-STAT signaling pathway. Microbes and Infection, 2017, 19, 605-615.	1.0	75
14	C-Reactive Protein Mediating Immunopathological Lesions: A Potential Treatment Option for Severe Influenza A Diseases. EBioMedicine, 2017, 22, 133-142.	2.7	27
15	Promising approaches for the treatment and prevention of viral respiratory illnesses. Journal of Allergy and Clinical Immunology, 2017, 140, 921-932.	1.5	50
16	Specific Biomarkers Associated With Neurological Complications and Congenital Central Nervous System Abnormalities From Zika Virusâ€“Infected Patients in Brazil. Journal of Infectious Diseases, 2017, 216, 172-181.	1.9	82
17	Synergistic effects of influenza and 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine (MPTP) can be eliminated by the use of influenza therapeutics: experimental evidence for the multi-hit hypothesis. Npj Parkinson's Disease, 2017, 3, 18.	2.5	50
18	Pattern recognition receptor immunomodulation of innate immunity as a strategy to limit the impact of influenza virus. Journal of Leukocyte Biology, 2017, 101, 851-861.	1.5	20

#	Article	IF	Citations
19	Distinct Effects of Monophosphoryl Lipid A, Oligodeoxynucleotide CpG, and Combination Adjuvants on Modulating Innate and Adaptive Immune Responses to Influenza Vaccination. Immune Network, 2017, 17, 326.	1.6	29
20	The Mechanisms for Within-Host Influenza Virus Control Affect Model-Based Assessment and Prediction of Antiviral Treatment. Viruses, 2017, 9, 197.	1.5	29
21	Host Transcriptional Response to Ebola Virus Infection. Vaccines, 2017, 5, 30.	2.1	23
22	Impact of the Respiratory Microbiome on Host Responses to Respiratory Viral Infection. Vaccines, 2017, 5, 40.	2.1	31
23	VÎ³4+Î³ÎT Cells Aggravate Severe H1N1 Influenza Virus Infection-Induced Acute Pulmonary Immunopathological Injury via Secreting Interleukin-17A. Frontiers in Immunology, 2017, 8, 1054.	2.2	36
24	Local and Systemic Immune Responses to Influenza A Virus Infection in Pneumonia and Encephalitis Mouse Models. Disease Markers, 2017, 2017, 1-7.	0.6	11
25	RIG-I overexpression decreases mortality of cigarette smoke exposed mice during influenza A virus infection. Respiratory Research, 2017, 18, 166.	1.4	10
26	In vitro immunomodulatory activity of celastrol against influenza A virus infection. Immunopharmacology and Immunotoxicology, 2018, 40, 250-255.	1.1	15
27	Host serum microRNA profiling during the early stage of foot-and-mouth disease virus infection. Archives of Virology, 2018, 163, 2055-2063.	0.9	16
28	Silver Nanoparticles Impair Retinoic Acid-Inducible Gene I-Mediated Mitochondrial Antiviral Immunity by Blocking the Autophagic Flux in Lung Epithelial Cells. ACS Nano, 2018, 12, 1188-1202.	7.3	56
29	Basic fibroblast growth factor protects against influenza A virus-induced acute lung injury by recruiting neutrophils. Journal of Molecular Cell Biology, 2018, 10, 573-585.	1.5	32
30	A Three-Dimensional Human Tissue-Engineered Lung Model to Study Influenza A Infection. Tissue Engineering - Part A, 2018, 24, 1468-1480.	1.6	44
33	Herbs for Viral Respiratory Infections. Alternative and Complementary Therapies, 2018, 24, 35-43.	0.1	29
34	SOCS4 expressed by recombinant HSV protects against cytokine storm in a mouse model. Oncology Reports, 2018, 41, 1509-1520.	1.2	7
35	Cytokine-Mediated Tissue Injury in Non-human Primate Models of Viral Infections. Frontiers in Immunology, 2018, 9, 2862.	2.2	11
36	The influenza of 1918. Evolution, Medicine and Public Health, 2018, 2018, 219-229.	1.1	16
37	Delayed oseltamivir plus sirolimus treatment attenuates H1N1 virus-induced severe lung injury correlated with repressed NLRP3 inflammasome activation and inflammatory cell infiltration. PLoS Pathogens, 2018, 14, e1007428.	2.1	61
38	Immunomodulators in Autoimmunity and Viral Infections. Journal of Clinical & Cellular Immunology, 2018, 09, .	1.5	5

#	Article	IF	Citations
39	Autophagy-Virus Interplay: From Cell Biology to Human Disease. Frontiers in Cell and Developmental Biology, 2018, 6, 155.	1.8	112
40	Virulent Pseudorabies Virus Infection Induces a Specific and Lethal Systemic Inflammatory Response in Mice. Journal of Virology, 2018, 92, .	1.5	48
41	Enhancing the natural killer cell activity and anti-influenza effect of heat-treated Lactobacillus plantarum nF1-fortified yogurt in mice. Journal of Dairy Science, 2018, 101, 10675-10684.	1.4	13
42	Phosphorylation of TRIM28 Enhances the Expression of IFN-Î² and Proinflammatory Cytokines During HPAIV Infection of Human Lung Epithelial Cells. Frontiers in Immunology, 2018, 9, 2229.	2.2	64
43	Estriol Reduces Pulmonary Immune Cell Recruitment and Inflammation to Protect Female Mice From Severe Influenza. Endocrinology, 2018, 159, 3306-3320.	1.4	54
44	Impact of targeting transforming growth factor β-2 with antisense OT-101 on the cytokine and chemokine profile in patients with advanced pancreatic cancer. OncoTargets and Therapy, 2018, Volume 11, 2779-2796.	1.0	16
45	Influenza in Asthmatics: For Better or for Worse?. Frontiers in Immunology, 2018, 9, 1843.	2.2	46
46	Influenza â€“ A new pathogen every year. Current Opinion in Systems Biology, 2018, 12, 12-21.	1.3	4
47	A Systems and Treatment Perspective of Models of Influenza Virus-Induced Host Responses. Processes, 2018, 6, 138.	1.3	6
48	MicroRNA-302 Cluster Downregulates Enterovirus 71â€“Induced Innate Immune Response by Targeting KPNA2. Journal of Immunology, 2018, 201, 145-156.	0.4	23
49	Plugging the Leak in Dengue Shock. Advances in Experimental Medicine and Biology, 2018, 1062, 89-106.	0.8	4
50	The Role of Phospholipase C Signaling in Macrophage-Mediated Inflammatory Response. Journal of Immunology Research, 2018, 2018, 1-9.	0.9	47
51	Advancements in Host-Based Interventions for Influenza Treatment. Frontiers in Immunology, 2018, 9, 1547.	2.2	26
52	K63-Linked Polyubiquitination on TRAF6 Regulates LPS-Mediated MAPK Activation, Cytokine Production, and Bacterial Clearance in Toll-Like Receptor 7/8 Primed Murine Macrophages. Frontiers in Immunology, 2018, 9, 279.	2.2	14
53	Eyeing up the Future of the Pupillary Light Reflex in Neurodiagnostics. Diagnostics, 2018, 8, 19.	1.3	129
54	A Functional Food Mixture â€œProtectorâ€•Reinforces the Protective Immune Parameters against Viral Flu Infection in Mice. Nutrients, 2018, 10, 743.	1.7	4
55	Cytokine storms are primarily responsible for the rapid death of ducklings infected with duck hepatitis A virus type 1. Scientific Reports, 2018, 8, 6596.	1.6	32
56	The Damageâ€“Response Framework as a Tool for the Physician-Scientist to Understand the Pathogenesis of Infectious Diseases. Journal of Infectious Diseases, 2018, 218, S7-S11.	1.9	38

#	Article	IF	Citations
57	Differential Induction of IFN-Î± and Modulation of CD112 and CD54 Expression Govern the Magnitude of NK Cell IFN-Î³ Response to Influenza A Viruses. Journal of Immunology, 2018, 201, 2117-2131.	0.4	42
58	Intranasal vaccination with M2e5x virus-like particles induces humoral and cellular immune responses conferring cross-protection against heterosubtypic influenza viruses. PLoS ONE, 2018, 13, e0190868.	1.1	57
59	Disabling of lymphocyte immune response by Ebola virus. PLoS Pathogens, 2018, 14, e1006932.	2.1	23
60	Models of cytokine dynamics in the inflammatory response of viral zoonotic infectious diseases. Mathematical Medicine and Biology, 2019, 36, 269-295.	0.8	13
61	Neutrophils-related host factors associated with severe disease and fatality in patients with influenza infection. Nature Communications, 2019, 10, 3422.	5.8	114
62	The Establishment and Validation of the Human U937 Cell Line as a Cellular Model to Screen Immunomodulatory Agents Regulating Cytokine Release Induced by Influenza Virus Infection. Virologica Sinica, 2019, 34, 648-661.	1.2	6
63	Alphaherpesvirus infection of mice primes PNS neurons to an inflammatory state regulated by TLR2 and type I IFN signaling. PLoS Pathogens, 2019, 15, e1008087.	2.1	26
64	Investigating the Cellular Transcriptomic Response Induced by the Makona Variant of Ebola Virus in Differentiated THP-1 Cells. Viruses, 2019, 11, 1023.	1.5	6
65	Regulation of Early Host Immune Responses Shapes the Pathogenicity of Avian Influenza A Virus. Frontiers in Microbiology, 2019, 10, 2007.	1.5	21
66	Mice deficient in NKLAM have attenuated inflammatory cytokine production in a Sendai virus pneumonia model. PLoS ONE, 2019, 14, e0222802.	1.1	20
67	Testosterone treatment of aged male mice improves some but not all aspects of age-associated increases in influenza severity. Cellular Immunology, 2019, 345, 103988.	1.4	12
68	Bacteriumâ€Mimicking Vector with Enhanced Adjuvanticity for Cancer Immunotherapy and Minimized Toxicity. Advanced Functional Materials, 2019, 29, 1901437.	7.8	28
69	Role of the Innate Cytokine Storm Induced by the Influenza A Virus. Viral Immunology, 2019, 32, 244-251.	0.6	71
70	Memory regulatory T cells home to the lung and control influenza A virus infection. Immunology and Cell Biology, 2019, 97, 774-786.	1.0	21
71	Combination Therapy Targeting Platelet Activation and Virus Replication Protects Mice against Lethal Influenza Pneumonia. American Journal of Respiratory Cell and Molecular Biology, 2019, 61, 689-701.	1.4	45
72	Neutrophils Induce a Novel Chemokine Receptors Repertoire During Influenza Pneumonia. Frontiers in Cellular and Infection Microbiology, 2019, 9, 108.	1.8	50
73	Suppressive effects of sunitinib on a TLR activation-induced cytokine storm. European Journal of Pharmacology, 2019, 854, 347-353.	1.7	20
74	Low-dose cadmium potentiates lung inflammatory response to 2009 pandemic H1N1 influenza virus in mice. Environment International, 2019, 127, 720-729.	4.8	19

#	Article	IF	Citations
75	Plcî32/Tmem178 dependent pathway in myeloid cells modulates the pathogenesis of cytokine storm syndrome. Journal of Autoimmunity, 2019, 100, 62-74.	3.0	25
76	Lower levels of leptin are associated with severity parameters in visceral leishmaniasis patients. PLoS ONE, 2019, 14, e0214413.	1.1	12
77	Influenza Virus Infections and Cellular Kinases. Viruses, 2019, 11, 171.	1.5	93
78	C57BL/6J and C57BL/6NJ Mice Are Differentially Susceptible to Inflammation-Associated Disease Caused by Influenza A Virus. Frontiers in Microbiology, 2018, 9, 3307.	1.5	17
79	Soluble tumour necrosis factor receptor I is aÂpromising early indicator of complicated clinical outcome in patients following severe trauma. Central-European Journal of Immunology, 2019, 44, 423-432.	0.4	1
80	Endothelialâ€“platelet interactions in influenzaâ€induced pneumonia: A potential therapeutic target. Journal of Veterinary Medicine Series C: Anatomia Histologia Embryologia, 2020, 49, 606-619.	0.3	15
81	Passive immune therapy and other immunomodulatory agents for the treatment of severe influenza: Systematic review and metaâ€analysis. Influenza and Other Respiratory Viruses, 2020, 14, 226-236.	1.5	8
82	Age-Related Vulnerability to Coronavirus Disease 2019 (COVID-19): Biological, Contextual, and Policy-Related Factors. The Public Policy and Aging Report, 2020, 30, 142-146.	0.8	45
83	In-silico drug repurposing study predicts the combination of pirfenidone and melatonin as a promising candidate therapy to reduce SARS-CoV-2 infection progression and respiratory distress caused by cytokine storm. PLoS ONE, 2020, 15, e0240149.	1.1	54
84	Science and the War on Truth and Coronavirus. Frontiers in Medicine, 2020, 7, 563.	1.2	7
85	Mesenchymal stem cells: a new front emerges in coronavirus disease 2019 treatment. Cytotherapy, 2022, 24, 755-766.	0.3	22
86	A Cytokine Circus with a Viral Ringleader: SARS-CoV-2-Associated Cytokine Storm Syndromes. Trends in Molecular Medicine, 2020, 26, 1078-1085.	3.5	12
87	Disharmonic Inflammatory Signatures in COVID-19: Augmented Neutrophilsâ€™ but Impaired Monocytesâ€™ and Dendritic Cellsâ€™ Responsiveness. Cells, 2020, 9, 2206.	1.8	116
88	Clinical Challenges in an Outbreak of COVID-19 in Wuhan, China: Concerns from Frontiers. Current Infectious Disease Reports, 2020, 22, 30.	1.3	2
89	Influenza A Virus Nucleoprotein Activates the JNK Stress-Signaling Pathway for Viral Replication by Sequestering Host Filamin A Protein. Frontiers in Microbiology, 2020, 11, 581867.	1.5	8
90	Use of Nonsteroidal Anti-inflammatory Drugs for COVID-19 Infection: Adjunct Therapy?. Cardiology in Review, 2020, 28, 303-307.	0.6	10
91	Transcriptome Response of Atlantic Salmon (Salmo salar) to a New Piscine Orthomyxovirus. Pathogens, 2020, 9, 807.	1.2	10
92	â€œCytokine stormâ€, not only in COVID-19 patients. Mini-review. Immunology Letters, 2020, 228, 38-44.	1.1	24

#	Article	IF	Citations
93	Redox control in the pathophysiology of influenza virus infection. BMC Microbiology, 2020, 20, 214.	1.3	46
94	High-Dose Intravenous Immunoglobulins in the Treatment of Severe Acute Viral Pneumonia: The Known Mechanisms and Clinical Effects. Frontiers in Immunology, 2020, 11, 1660.	2.2	48
95	SARS-CoV-2 Proteins Induce IFNG in Th1 Lymphocytes Generated from CD4+ Cells from Healthy, Unexposed Polish Donors. Vaccines, 2020, 8, 673.	2.1	14
96	Physical Exercise as a Multimodal Tool for COVID-19: Could It Be Used as a Preventive Strategy?. International Journal of Environmental Research and Public Health, 2020, 17, 8496.	1.2	47
97	STAT2 signaling restricts viral dissemination but drives severe pneumonia in SARS-CoV-2 infected hamsters. Nature Communications, 2020, 11, 5838.	5.8	225
98	Vitamin D and Covid-19: an update on evidence and potential therapeutic implications. Clinical and Molecular Allergy, 2020, 18, 23.	0.8	47
99	Possible Correlations between Atherosclerosis, Acute Coronary Syndromes and COVID-19. Journal of Clinical Medicine, 2020, 9, 3746.	1.0	23
100	Multiple Effects of Ascorbic Acid against Chronic Diseases: Updated Evidence from Preclinical and Clinical Studies. Antioxidants, 2020, 9, 1182.	2.2	49
101	Controlling Cytokine Storm Is Vital in COVID-19. Frontiers in Immunology, 2020, 11, 570993.	2.2	120
102	Neurodegeneration and Inflammationâ€"An Interesting Interplay in Parkinsonâ€™s Disease. International Journal of Molecular Sciences, 2020, 21, 8421.	1.8	160
103	Methylene blue may have a role in the treatment of COVID-19. Medical Hypotheses, 2020, 144, 110163.	0.8	20
104	Single-cell analysis of two severe COVID-19 patients reveals a monocyte-associated and tocilizumab-responding cytokine storm. Nature Communications, 2020, 11, 3924.	5.8	180
105	COVIDâ€19 and Vitamin D: A lesson from the skin. Experimental Dermatology, 2020, 29, 885-890.	1.4	53
106	Substance Use Disorder in the COVID-19 Pandemic: A Systematic Review of Vulnerabilities and Complications. Pharmaceuticals, 2020, 13, 155.	1.7	88
107	Structural Understanding of Interleukin 6 Family Cytokine Signaling and Targeted Therapies: Focus on Interleukin 11. Frontiers in Immunology, 2020, 11, 1424.	2.2	60
108	Regulation of Host Immune Responses against Influenza A Virus Infection by Mitogen-Activated Protein Kinases (MAPKs). Microorganisms, 2020, 8, 1067.	1.6	26
109	Molecular characterisation of ILRUN, a novel inhibitor of proinflammatory and antimicrobial cytokines. Heliyon, 2020, 6, e04115.	1.4	15
110	Hypertension and related diseases in the era of COVID-19: a report from the Japanese Society of Hypertension Task Force on COVID-19. Hypertension Research, 2020, 43, 1028-1046.	1.5	131

#	Article	IF	Citations
111	Hemophagocytic syndrome and COVID-19. Respiratory Medicine Case Reports, 2020, 31, 101162.	0.2	17
112	A study of possible role of exercise and some antioxidant supplements against coronavirus disease 2019 (COVID-19): A cytokines related perspective. Apunts Sports Medicine, 2020, 55, 115-117.	0.3	10
113	The pathophysiology of SARS-CoV-2: A suggested model and therapeutic approach. Life Sciences, 2020, 258, 118166.	2.0	79
114	One hundred years of (influenza) immunopathology. Advances in Virus Research, 2020, 107, 247-284.	0.9	3
115	Why Severe COVID-19 Patients Are at Greater Risk of Developing Depression: A Molecular Perspective. Neuroscientist, 2020, , 107385842096789.	2.6	31
116	Traditional Herbal Medicine Candidates as Complementary Treatments for COVID-19: A Review of Their Mechanisms, Pros and Cons. Evidence-based Complementary and Alternative Medicine, 2020, 2020, 1-12.	0.5	128
117	The Current Recommended Drugs and Strategies for the Treatment of Coronavirus Disease (COVID-19) . Therapeutics and Clinical Risk Management, 2020, Volume 16, 933-946.	0.9	9
118	H5N1 avian influenza virus without 80â€“84 amino acid deletion at the NS1 protein hijacks the innate immune system of dendritic cells for an enhanced mammalian pathogenicity. Transboundary and Emerging Diseases, 2021, 68, 2401-2413.	1.3	9
119	Therapeutic modalities and novel approaches in regenerative medicine for COVID-19. International Journal of Antimicrobial Agents, 2020, 56, 106208.	1.1	22
120	Title: Cytokine release syndrome is not usually caused by secondary hemophagocytic lymphohistiocytosis in a cohort of 19 critically ill COVID-19 patients. Scientific Reports, 2020, 10, 18277.	1.6	25
121	Hydrogen: A Potential New Adjuvant Therapy for COVID-19 Patients. Frontiers in Pharmacology, 2020, 11, 543718.	1.6	18
122	Airway Delivery of Anti-influenza Monoclonal Antibodies Results in Enhanced Antiviral Activities and Enables Broad-Coverage Combination Therapies. Journal of Virology, 2020, 94, .	1.5	15
123	Epigenetic susceptibility to severe respiratory viral infections and its therapeutic implications: a narrative review. British Journal of Anaesthesia, 2020, 125, 1002-1017.	1.5	36
124	An Antioxidant Enzyme Therapeutic for COVIDâ€19. Advanced Materials, 2020, 32, e2004901.	11.1	61
125	Dynamic Natural Killer Cell and T Cell Responses to Influenza Infection. Frontiers in Cellular and Infection Microbiology, 2020, 10, 425.	1.8	51
126	Clinical Characteristics and Risk Factors for Disease Severity and Death in Patients With Coronavirus Disease 2019 in Wuhan, China. Frontiers in Medicine, 2020, 7, 532.	1.2	36
127	Immune Alterations in a Patient with SARS-CoV-2-Related Acute Respiratory Distress Syndrome. Journal of Clinical Immunology, 2020, 40, 1082-1092.	2.0	48
128	Influenza virus neuraminidase regulates host CD8+ T-cell response in mice. Communications Biology, 2020, 3, 748.	2.0	4

#	Article	IF	Citations
129	SARS-CoV-2 and mitochondrial health: implications of lifestyle and ageing. Immunity and Ageing, 2020, 17, 33.	1.8	46
130	Bioinspired DNaseâ€Iâ€Coated Melaninâ€Like Nanospheres for Modulation of Infectionâ€Associated NETosis Dysregulation. Advanced Science, 2020, 7, 2001940.	5.6	48
131	Down Syndrome and COVID-19: A Perfect Storm?. Cell Reports Medicine, 2020, 1, 100019.	3.3	86
132	Battling COVID-19 Pandemic: Sphingosine-1-Phosphate Analogs as an Adjunctive Therapy?. Frontiers in Immunology, 2020, 11, 1102.	2.2	24
133	Sinensetin suppresses influenza a virus-triggered inflammation through inhibition of NF-ÎºB and MAPKs signalings. BMC Complementary Medicine and Therapies, 2020, 20, 135.	1.2	20
134	Bioenergy Crisis in Coronavirus Diseases?. Brain Sciences, 2020, 10, 277.	1.1	7
135	A comprehensive review on drug repositioning against coronavirus disease 2019 (COVID19). Naunyn-Schmiedeberg's Archives of Pharmacology, 2020, 393, 1137-1152.	1.4	37
136	SARS, MERS and SARS-CoV-2 (COVID-19) treatment: a patent review. Expert Opinion on Therapeutic Patents, 2020, 30, 567-579.	2.4	54
137	Influenza A virus directly modulates mouse eosinophil responses. Journal of Leukocyte Biology, 2020, 108, 151-168.	1.5	23
138	<scp>Contrastâ€Enhanced</scp> Ultrasound in Patients With <scp>COVID</scp>â€19. Journal of Ultrasound in Medicine, 2020, 39, 2483-2489.	0.8	34
139	Immune response to SARSâ€CoVâ€2 and mechanisms of immunopathological changes in COVIDâ€19. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 1564-1581.	2.7	828
140	Beyond HIV infection: Neglected and varied impacts of CCR5 and CCR5Î”32 on viral diseases. Virus Research, 2020, 286, 198040.	1.1	35
141	Decreased T cell populations contribute to the increased severity of COVID-19. Clinica Chimica Acta, 2020, 508, 110-114.	0.5	85
142	Biochemical indicators of coronavirus disease 2019 exacerbation and the clinical implications. Pharmacological Research, 2020, 159, 104946.	3.1	26
143	Involvement of cardiovascular system as the critical point in coronavirus disease 2019 (COVID-19) prognosis and recovery. Hellenic Journal of Cardiology, 2020, 61, 381-395.	0.4	43
144	Macrolides and viral infections: focus on azithromycin in COVID-19 pathology. International Journal of Antimicrobial Agents, 2020, 56, 106053.	1.1	85
145	Diacerein: A potential multi-target therapeutic drug for COVID-19. Medical Hypotheses, 2020, 144, 109920.	0.8	27
146	The Inhibitory Effect of Curcumin on Virus-Induced Cytokine Storm and Its Potential Use in the Associated Severe Pneumonia. Frontiers in Cell and Developmental Biology, 2020, 8, 479.	1.8	100

#	Article	IF	Citations
147	A rationale for blocking thromboinflammation in COVID-19 with Btk inhibitors. Platelets, 2020, 31, 685-690.	1.1	35
148	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
149	May the Central Nervous System Be Fogged by the Cytokine Storm in COVID-19?: an Appraisal. Journal of NeuroImmune Pharmacology, 2020, 15, 343-344.	2.1	19
150	Cytokine Storm in COVID-19â€"Immunopathological Mechanisms, Clinical Considerations, and Therapeutic Approaches: The REPROGRAM Consortium Position Paper. Frontiers in Immunology, 2020, 11, 1648.	2.2	370
151	Influenza Virus in Community-Acquired Pneumonia: Current Understanding and Knowledge Gaps. Seminars in Respiratory and Critical Care Medicine, 2020, 41, 555-567.	0.8	3
152	Metabolic host response and therapeutic approaches to influenza infection. Cellular and Molecular Biology Letters, 2020, 25, 15.	2.7	58
153	Hypothesis for potential pathogenesis of SARS-CoV-2 infectionâ€"a review of immune changes in patients with viral pneumonia. Emerging Microbes and Infections, 2020, 9, 727-732.	3.0	684
154	Tilorone: a Broad-Spectrum Antiviral Invented in the USA and Commercialized in Russia and beyond. Pharmaceutical Research, 2020, 37, 71.	1.7	39
155	Melatonin is a potential adjuvant to improve clinical outcomes in individuals with obesity and diabetes with coexistence of Covid-19. European Journal of Pharmacology, 2020, 882, 173329.	1.7	54
156	Thalidomide-Revisited: Are COVID-19 Patients Going to Be the Latest Victims of Yet Another Theoretical Drug-Repurposing?. Frontiers in Immunology, 2020, 11, 1248.	2.2	37
157	COVID-19 and immunomodulation treatment for women with reproductive failures. Journal of Reproductive Immunology, 2020, 141, 103168.	0.8	12
158	The severe COVID-19: A sepsis induced by viral infection? And its immunomodulatory therapy. Chinese Journal of Traumatology - English Edition, 2020, 23, 190-195.	0.7	31
159	An urgent need to institute COVID-19 testing in patients with IBD experiencing flares. Frontline Gastroenterology, 2020, 11, 330-331.	0.9	2
160	Androgen receptor signaling in the lungs mitigates inflammation and improves the outcome of influenza in mice. PLoS Pathogens, 2020, 16, e1008506.	2.1	28
161	Tackling the cytokine storm in COVID-19, challenges and hopes. Life Sciences, 2020, 257, 118054.	2.0	64
162	Screening of phytochemical compounds of Tinospora cordifolia for their inhibitory activity on SARS-CoV-2: an in silico study. Journal of Biomolecular Structure and Dynamics, 2021, 39, 5799-5803.	2.0	77
163	Pre-Treatment with Zirconia Nanoparticles Reduces Inflammation Induced by the Pathogenic H5N1 Influenza Virus . International Journal of Nanomedicine, 2020, Volume 15, 661-674.	3.3	40
164	Efficacy of anti-influenza immunoglobulin (FLU-IGIV) in ferrets and mice infected with 2009 pandemic influenza virus. Antiviral Research, 2020, 180, 104753.	1.9	2

#	Article	IF	Citations
165	The role of steroids in severe CAP. Hospital Practice (1995), 2020, 48, 12-22.	0.5	1
166	Glycosylation deletion of hemagglutinin head in the H5 subtype avian influenza virus enhances its virulence in mammals by inducing endoplasmic reticulum stress. Transboundary and Emerging Diseases, 2020, 67, 1492-1506.	1.3	7
167	Adjunct Immunotherapies for the Management of Severely Ill COVID-19 Patients. Cell Reports Medicine, 2020, 1, 100016.	3.3	102
168	Berberine suppresses influenza virus-triggered NLRP3 inflammasome activation in macrophages by inducing mitophagy and decreasing mitochondrial ROS. Journal of Leukocyte Biology, 2020, 108, 253-266.	1.5	67
169	Critically ill <scp>COVID</scp>â€19 infected patients exhibit increased clot waveform analysis parameters consistent with hypercoagulability. American Journal of Hematology, 2020, 95, E156-E158.	2.0	90
170	Can we use interleukin-6 (IL-6) blockade for coronavirus disease 2019 (COVID-19)-induced cytokine release syndrome (CRS)?. Journal of Autoimmunity, 2020, 111, 102452.	3.0	606
171	Toothbrushing against coronavirus. British Dental Journal, 2020, 228, 487-487.	0.3	15
172	Coronavirus and analgesics. British Dental Journal, 2020, 228, 487-487.	0.3	4
173	Clinical value of immune-inflammatory parameters to assess the severity of coronavirus disease 2019. International Journal of Infectious Diseases, 2020, 95, 332-339.	1.5	328
174	Pharmacological perspective: glycyrrhizin may be an efficacious therapeutic agent for COVID-19. International Journal of Antimicrobial Agents, 2020, 55, 105995.	1.1	110
175	Elimination of senescent cells by Î²-galactosidase-targeted prodrug attenuates inflammation and restores physical function in aged mice. Cell Research, 2020, 30, 574-589.	5.7	187
176	Is Low Alveolar Type II CellSOD3in the Lungs of Elderly Linked to the Observed Severity of COVID-19?. Antioxidants and Redox Signaling, 2020, 33, 59-65.	2.5	83
177	O -GlcNAc transferase promotes influenza A virusâ€“induced cytokine storm by targeting interferon regulatory factorâ€“5. Science Advances, 2020, 6, eaaz7086.	4.7	93
178	Coronavirus Disease (COVID-19â€“SARS-CoV-2) and Nutrition: Is Infection in Italy Suggesting a Connection?. Frontiers in Immunology, 2020, 11, 944.	2.2	55
179	Vitamin D: A simpler alternative to tocilizumab for trial in COVID-19?. Medical Hypotheses, 2020, 140, 109767.	0.8	46
180	COVID-19 and the Heart. Circulation Research, 2020, 126, 1443-1455.	2.0	574
181	Contribution of traditional Chinese medicine to the treatment of COVID-19. Phytomedicine, 2021, 85, 153279.	2.3	51
182	The cytokine storm and COVIDâ€19. Journal of Medical Virology, 2021, 93, 250-256.	2.5	1,007

#	Article	IF	Citations
183	A virus-induced conformational switch of STAT1-STAT2 dimers boosts antiviral defenses. Cell Research, 2021, 31, 206-218.	5.7	35
184	COVID-19: the role of excessive cytokine release and potential ACE2 down-regulation in promoting hypercoagulable state associated with severe illness. Journal of Thrombosis and Thrombolysis, 2021, 51, 313-329.	1.0	75
185	IVIG ameliorate inflammation in collagen-induced arthritis: projection for IVIG therapy in rheumatoid arthritis. Clinical and Experimental Immunology, 2021, 203, 400-408.	1.1	3
186	Attenuation of acute and chronic inflammation using compounds derived from plants. Experimental Biology and Medicine, 2021, 246, 406-413.	1.1	2
187	Gamma-oryzanol as a potential modulator of oxidative stress and inflammation via PPAR-y in adipose tissue: a hypothetical therapeutic for cytokine storm in COVID-19?. Molecular and Cellular Endocrinology, 2021, 520, 111095.	1.6	21
188	Nanotechnology for virus treatment. Nano Today, 2021, 36, 101031.	6.2	58
189	Immunopathogenesis and treatment of cytokine storm in COVID-19. Theranostics, 2021, 11, 316-329.	4.6	314
190	Synergism of TNF-Î± and IFN-Î³ Triggers Inflammatory Cell Death, Tissue Damage, and Mortality in SARS-CoV-2 Infection and Cytokine Shock Syndromes. Cell, 2021, 184, 149-168.e17.	13.5	923
191	A Multiple-Hit Hypothesis Involving Reactive Oxygen Species and Myeloperoxidase Explains Clinical Deterioration and Fatality in COVID-19. International Journal of Biological Sciences, 2021, 17, 62-72.	2.6	51
192	Deep sequencing of the transcriptome from murine lung infected with H5N8 subtype avian influenza virus with combined substitutions I283M and K526R in PB2 gene. Infection, Genetics and Evolution, 2021, 87, 104672.	1.0	3
193	Cortisol and perceived stress are associated with cytokines levels in patients infected with influenza B virus. Cytokine, 2021, 138, 155400.	1.4	4
194	Inducing immune tolerance with dendritic cell-targeting nanomedicines. Nature Nanotechnology, 2021, 16, 37-46.	15.6	129
195	Influenza infection, SARS, MERS and COVID-19: Cytokine storm â€“ The common denominator and the lessons to be learned. Clinical Immunology, 2021, 223, 108652.	1.4	98
196	Spatio-temporal profile of innate inflammatory cells and mediators during influenza virus infection. Current Opinion in Physiology, 2021, 19, 175-186.	0.9	7
197	Laboratory Biomarkers in the Management of Patients With COVID-19. American Journal of Clinical Pathology, 2021, 155, 333-342.	0.4	18
198	An enlightening role for cytokine storm in coronavirus infection. Clinical Immunology, 2021, 222, 108615.	1.4	27
199	Long-acting nanoparticulate DNase-1 for effective suppression of SARS-CoV-2-mediated neutrophil activities and cytokine storm. Biomaterials, 2021, 267, 120389.	5.7	94
200	Acute Macular Neuroretinopathy Associated with Acute Influenza Virus Infection. Ocular Immunology and Inflammation, 2021, 29, 333-339.	1.0	18

#	Article	IF	Citations
201	Lines of Treatment of COVID-19 Infection. , 2021, , 91-144.		1
202	Cardiovascular disease in patients with COVID-19: evidence from cardiovascular pathology to treatment. Acta Biochimica Et Biophysica Sinica, 2021, 53, 273-282.	0.9	30
203	High sensitivity C reactive protein level is associated with prognosis in patients with severe coronavirus disease 19 pneumonia. Vascular Investigation and Therapy, 2021, 4, 63.	0.3	0
204	Anti-Influenza Drug Discovery and Development: Targeting the Virus and Its Host by All Possible Means. Advances in Experimental Medicine and Biology, 2021, 1322, 195-218.	0.8	5
205	Lung Ultrasound and Sonographic Subpleural Consolidation in COVID-19 Pneumonia Correlate with Disease Severity. Critical Care Research and Practice, 2021, 2021, 1-6.	0.4	9
206	COVID-19 in children: Pathogenesis and current status. Allergy and Asthma Proceedings, 2021, 42, 8-15.	1.0	33
207	Nucleocapsid and Spike Proteins of the Coronavirus SARS-CoV-2 Induce IL6 in Monocytes and Macrophagesâ€"Potential Implications for Cytokine Storm Syndrome. Vaccines, 2021, 9, 54.	2.1	45
208	Fighting the storm: could novel anti-TNFÎ± and anti-IL-6 C. sativa cultivars tame cytokine storm in COVID-19?. Aging, 2021, 13, 1571-1590.	1.4	27
209	Critical appraisal of the â€œcytokine stormâ€•concept in new coronavirus disease COVID-19. Review. Alexander Saltanov Intensive Care Herald, 2021, , 57-68.	0.2	5
210	High sensitivity C reactive protein level is associated with prognosis in patients with severe coronavirus disease 19 pneumonia. Vascular Investigation and Therapy, 2021, .	0.3	0
211	Leptin correlates with monocytes activation and severe condition in COVID-19 patients. Journal of Leukocyte Biology, 2021, 110, 9-20.	1.5	63
212	Potential of Immune-Related Therapy in COVID-19. Frontiers in Pharmacology, 2020, 11, 609212.	1.6	3
213	Cytokine Storm as a Cellular Response to dsDNA Breaks: A New Proposal. Frontiers in Immunology, 2021, 12, 622738.	2.2	8
214	Divergent Mast Cell Responses Modulate Antiviral Immunity During Influenza Virus Infection. Frontiers in Cellular and Infection Microbiology, 2021, 11, 580679.	1.8	5
215	Fecal microbiota transplantation for COVID-19; a potential emerging treatment strategy. Medical Hypotheses, 2021, 147, 110476.	0.8	15
216	Inhaled fixed-dose combination powders for the treatment of respiratory infections. Expert Opinion on Drug Delivery, 2021, 18, 1101-1115.	2.4	12
217	Position statement for a pragmatic approach to immunotherapeutics in patients with inflammatory skin diseases during the coronavirus disease 2019 pandemic and beyond. Journal of the European Academy of Dermatology and Venereology, 2021, 35, 797-806.	1.3	6
218	SARS-CoV-2 pneumoniaâ€"receptor binding and lung immunopathology: a narrative review. Critical Care, 2021, 25, 53.	2.5	14

#	Article	IF	Citations
219	Prospects of nutritional interventions in the care of COVID-19 patients. Heliyon, 2021, 7, e06285.	1.4	22
220	Inducible Guanylate-Binding Protein 7 Facilitates Influenza A Virus Replication by Suppressing Innate Immunity via NF-Î²B and JAK-STAT Signaling Pathways. Journal of Virology, 2021, 95, .	1.5	10
221	A recent update on the clinical trials and effectiveness of drugs used in COVID-19, MERS and SARS Coronaviruses.. Anti-Infective Agents, 2021, 19, .	0.1	0
222	Scouting the receptor-binding domain of SARSÂcoronavirusÂ2: aÂcomprehensive immunoinformatics inquisition. Future Virology, 2021, 16, 117-132.	0.9	5
223	Akkermansia muciniphila Improves Host Defense Against Influenza Virus Infection. Frontiers in Microbiology, 2020, 11, 586476.	1.5	30
224	Differences of blood cells, lymphocyte subsets and cytokines in COVID-19 patients with different clinical stages: a network meta-analysis. BMC Infectious Diseases, 2021, 21, 156.	1.3	20
225	Monocytes and macrophages in COVID-19: Friends and foes. Life Sciences, 2021, 269, 119010.	2.0	97
226	Dynamic of Cytokine Storm in Human Inflammatory Response of Severe Acute Respiratory Syndrome Coronavirus (SARS-CoV)-Induced Disease. Journal of Physics: Conference Series, 2021, 1808, 012054.	0.3	3
227	Changes in peripheral blood cytokines in patients with severe fever with thrombocytopenia syndrome. Journal of Medical Virology, 2021, 93, 4704-4713.	2.5	16
228	Review of the risk factors for SARS-CoV-2 transmission. World Journal of Clinical Cases, 2021, 9, 1499-1512.	0.3	4
229	Proâ€Peptideâ€Reinforced, Mucusâ€Penetrating Pulmonary siRNA Delivery Mitigates Cytokine Storm in Pneumonia. Advanced Functional Materials, 2021, 31, 2008960.	7.8	39
230	Cancer vs. SARS-CoV-2 induced inflammation, overlapping functions, and pharmacological targeting. Inflammopharmacology, 2021, 29, 343-366.	1.9	9
231	LincRNAâ€EPS alleviates severe acute pancreatitis by suppressing HMGB1â€triggered inflammation in pancreatic macrophages. Immunology, 2021, 163, 201-219.	2.0	18
232	Role of pharmaco- and micronutrients in nutritional metabolic therapy of COVID-19 and other viral infections. Medical Alphabet, 2021, , 56-63.	0.0	1
233	Remote ischemic conditioning for acute respiratory distress syndrome in COVID-19. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2021, 320, L331-L338.	1.3	1
234	Potential Effects of Melatonin and Micronutrients on Mitochondrial Dysfunction during a Cytokine Storm Typical of Oxidative/Inflammatory Diseases. Diseases (Basel, Switzerland), 2021, 9, 30.	1.0	19
235	Temporal profiling of cytokines in passively expressed sweat for detection of infection using wearable device. Bioengineering and Translational Medicine, 2021, 6, e10220.	3.9	44
236	SARS-CoV-2 Spike Targets USP33-IRF9 Axis via Exosomal miR-148a to Activate Human Microglia. Frontiers in Immunology, 2021, 12, 656700.	2.2	49

#	Article	IF	Citations
237	Comparison of severe pediatric complicated influenza patients with and without neurological involvement. Medicine (United States), 2021, 100, e25716.	0.4	1
238	Punicalagin inhibits pro-inflammatory cytokines induced by influenza A virus. European Journal of Integrative Medicine, 2021, 43, 101324.	0.8	1
239	Clinical and Immunological Factors That Distinguish COVID-19 From Pandemic Influenza A(H1N1). Frontiers in Immunology, 2021, 12, 593595.	2.2	32
240	Dodging COVID-19 infection: low expression and localization of ACE2 and TMPRSS2 in multiple donor-derived lines of human umbilical cord-derived mesenchymal stem cells. Journal of Translational Medicine, 2021, 19, 149.	1.8	14
241	Maternal natural killer cells at the intersection between reproduction and mucosal immunity. Mucosal Immunology, 2021, 14, 991-1005.	2.7	20
242	Longitudinal Peripheral Blood Transcriptional Analysis Reveals Molecular Signatures of Disease Progression in COVID-19 Patients. Journal of Immunology, 2021, 206, 2146-2159.	0.4	25
244	Electrochemical Resonance of Molecular Motion Enabling Label-, Antibody-, and Enzyme-Free Detection of SARS-CoV-2. ACS Sensors, 2021, 6, 1613-1620.	4.0	8
245	Dual Nature of Type I Interferons in SARS-CoV-2-Induced Inflammation. Trends in Immunology, 2021, 42, 312-322.	2.9	86
246	Sex Disparity in the Effect of Obesity in Hospitalized COVID-19 Patients: A Retrospective Cohort Study From the New York City Metropolitan Area. Cureus, 2021, 13, e15235.	0.2	7
247	Compartmental Model Suggests Importance of Innate Immune Response to COVID-19 Infection in Rhesus Macaques. Bulletin of Mathematical Biology, 2021, 83, 79.	0.9	12
248	Can nutraceuticals assist treatment and improve covid-19 symptoms?. Natural Product Research, 2022, 36, 2672-2691.	1.0	30
249	Inflammasome regulation in driving COVIDâ€19 severity in humans and immune tolerance in bats. Journal of Leukocyte Biology, 2021, , .	1.5	11
250	Immunological analysis of the murine antiâ€CD3â€induced cytokine release syndrome model and therapeutic efficacy of antiâ€cytokine antibodies. European Journal of Immunology, 2021, 51, 2074-2085.	1.6	11
251	Effectiveness of ozone therapy in addition to conventional treatment on mortality in patients with COVIDâ€19. International Journal of Clinical Practice, 2021, 75, e14321.	0.8	12
252	Health inequality and the 1918 influenza in South Africa. World Development, 2021, 141, 105407.	2.6	13
253	Palmitoylethanolamide: A Natural Compound for Health Management. International Journal of Molecular Sciences, 2021, 22, 5305.	1.8	49
254	Luteolin transforms the polarity of bone marrow-derived macrophages to regulate the cytokine storm. Journal of Inflammation, 2021, 18, 21.	1.5	14
255	Possible Benefit of Angiotensin II Receptor Blockers in COVID-19 Patients: A Case Series. JRAAS - Journal of the Renin-Angiotensin-Aldosterone System, 2021, 2021, 1-6.	1.0	3

#	Article	IF	Citations
257	Radiotherapy and Cytokine Storm: Risk and Mechanism. Frontiers in Oncology, 2021, 11, 670464.	1.3	21
258	Protective effects of SP600125 on mice infected with H1N1 influenza A virus. Archives of Virology, 2021, 166, 2151-2158.	0.9	4
259	Disruption of Type I Interferon Signaling Causes Sexually Dimorphic Dysregulation of Anti-Viral Cytokines. Cytokine: X, 2021, 3, 100053.	0.5	1
260	Inflammatory hydrocephalus. Child's Nervous System, 2021, 37, 3341-3353.	0.6	10
261	Course of illness and outcomes in older COVID-19 patients treated with HFNC: a retrospective analysis. Aging, 2021, 13, 15801-15814.	1.4	8
262	Activation of NF-Î^ªB and induction of proinflammatory cytokine expressions mediated by ORF7a protein of SARS-CoV-2. Scientific Reports, 2021, 11, 13464.	1.6	140
263	The 1918 influenza and <scp>COVID</scp>â€19 pandemics: The effect of age on outcomes. Respirology, 2021, 26, 840-841.	1.3	6
264	Brucellosis-Induced Hemophagocytic Lymphohistiocytosis. Cureus, 2021, 13, e15677.	0.2	1
265	Impact of intermediate to high doses of methylprednisolone on mortality rate in patients with COVIDâ€19 pneumoniaâ€induced severe systemic inflammation. International Journal of Clinical Practice, 2021, 75, e14479.	0.8	6
266	RNase L limits host and viral protein synthesis via inhibition of mRNA export. Science Advances, 2021, 7, .	4.7	18
267	High-sensitivity cardiac troponin I and D-dimer are risk factors for in-hospital mortality of adult patients with COVID-19: A retrospective cohort study. Ege TÄ±p Dergisi, 2021, 60, 113-120.	0.1	2
268	PEGylated nanoparticle albumin-bound steroidal ginsenoside derivatives ameliorate SARS-CoV-2-mediated hyper-inflammatory responses. Biomaterials, 2021, 273, 120827.	5.7	28
269	Immunostimulatory Effect of Moringa oleifera Extracts on Cyclophosphamide-induced Immunosuppressed Mice. Journal of Herbs, Spices and Medicinal Plants, 2021, 27, 377-385.	0.5	1
270	Glycyrrhizic Acid for COVID-19: Findings of Targeting Pivotal Inflammatory Pathways Triggered by SARS-CoV-2. Frontiers in Pharmacology, 2021, 12, 631206.	1.6	18
271	Viral Respiratory Pathogens and Lung Injury. Clinical Microbiology Reviews, 2021, 34, .	5.7	76
272	Acute Infection of Viral Pathogens and Their Innate Immune Escape. Frontiers in Microbiology, 2021, 12, 672026.	1.5	40
273	The impact of atherosclerotic cardiovascular disease, dyslipidaemia and lipid lowering therapy on Coronavirus disease 2019 outcomes. Current Opinion in Lipidology, 2021, Publish Ahead of Print, 231-243.	1.2	2
274	Integrative Analysis of lncRNA-mRNA Profile Reveals Potential Predictors for SAPHO Syndrome. Frontiers in Genetics, 2021, 12, 684520.	1.1	1

#	Article	IF	Citations
275	Lung-selective 25-hydroxycholesterol nanotherapeutics as a suppressor of COVID-19-associated cytokine storm. Nano Today, 2021, 38, 101149.	6.2	25
277	Infectious disease-associated encephalopathies. Critical Care, 2021, 25, 236.	2.5	34
278	Cytokine Storm Syndrome in SARS-CoV-2 Infections: A Functional Role of Mast Cells. Cells, 2021, 10, 1761.	1.8	34
279	Is photodynamic therapy a viable antiviral weapon against COVID-19 in dentistry?. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, 2021, 132, 118-119.	0.2	1
280	The Mechanism behind Influenza Virus Cytokine Storm. Viruses, 2021, 13, 1362.	1.5	75
281	Ficolin A exacerbates severe H1N1 influenza virus infection-induced acute lung immunopathological injury via excessive complement activation. Cellular and Molecular Immunology, 2021, 18, 2278-2280.	4.8	8
282	Cytokine Release Syndrome Associated with T-Cell-Based Therapies for Hematological Malignancies: Pathophysiology, Clinical Presentation, and Treatment. International Journal of Molecular Sciences, 2021, 22, 7652.	1.8	33
283	The signal pathways and treatment of cytokine storm in COVID-19. Signal Transduction and Targeted Therapy, 2021, 6, 255.	7.1	355
284	Wharton's Jelly Mesenchymal Stem Cell-Derived Extracellular Vesicles Reduce SARS-CoV2-Induced Inflammatory Cytokines Under High Glucose and Uremic Toxin Conditions. Stem Cells and Development, 2021, 30, 758-772.	1.1	15
285	Bioprinted Multi-Cell Type Lung Model for the Study of Viral Inhibitors. Viruses, 2021, 13, 1590.	1.5	21
287	Analysis of serum cytokine and protective vitamin D levels in severe cases of COVIDâ€19. Journal of Medical Virology, 2022, 94, 154-160.	2.5	18
288	Essential Oil-Rich Chinese Formula Luofushan-Baicao Oil Inhibits the Infection of Influenza A Virus through the Regulation of NF-ÎºB P65 and IRF3 Activation. Evidence-based Complementary and Alternative Medicine, 2021, 2021, 1-12.	0.5	4
289	Comparative Computational Modeling of the Bat and Human Immune Response to Viral Infection with the Comparative Biology Immune Agent Based Model. Viruses, 2021, 13, 1620.	1.5	9
290	Predictors of severity and in-hospital mortality in patients with influenza. Monaldi Archives for Chest Disease, 2021, , .	0.3	1
291	Zinc and Respiratory Viral Infections: Important Trace Element in Anti-viral Response and Immune Regulation. Biological Trace Element Research, 2022, 200, 2556-2571.	1.9	21
292	Bleomycin-Induced Lung Injury Increases Resistance to Influenza Virus Infection in a Type I Interferon-Dependent Manner. Frontiers in Immunology, 2021, 12, 697162.	2.2	6
293	The cytokine storms of COVID-19, H1N1 influenza, CRS and MAS compared. Can one sized treatment fit all?. Cytokine, 2021, 144, 155593.	1.4	61
294	Isorhamnetin inhibits amplification of influenza A H1N1 virus inflammation mediated by interferon via the RIG-I/JNK pathway. Annals of Translational Medicine, 2021, 9, 1327-1327.	0.7	8

#	Article	IF	Citations
295	Endotoxemia in Critically Ill Patients with COVID-19. Blood Purification, 2022, 51, 513-519.	0.9	6
296	Anti-high mobility group box 1 monoclonal antibody suppressed hyper-permeability and cytokine production in human pulmonary endothelial cells infected with influenza A virus. Inflammation Research, 2021, 70, 1101-1111.	1.6	3
297	Vitamin D in respiratory viral infections: a key immune modulator?. Critical Reviews in Food Science and Nutrition, 2023, 63, 2231-2246.	5.4	8
298	SARS-CoV-2 Isolates Show Impaired Replication in Human Immune Cells but Differential Ability to Replicate and Induce Innate Immunity in Lung Epithelial Cells. Microbiology Spectrum, 2021, 9, e0077421.	1.2	15
299	Constitutive TRIM22 Expression in the Respiratory Tract Confers a Pre-Existing Defence Against Influenza A Virus Infection. Frontiers in Cellular and Infection Microbiology, 2021, 11, 689707.	1.8	6
300	Optimal choice of prophylactic anticoagulant therapy for nonvalvular atrial fibrillation in the context of COVID-19 pandemic. Russian Journal of Cardiology, 2021, 26, 4607.	0.4	0
301	Investigating survivorship bias: the case of the 1918 flu pandemic. Applied Economics Letters, 0, , 1-6.	1.0	2
302	SARS-CoV-2: lessons from both the history of medicine and from the biological behavior of other well-known viruses. Future Microbiology, 2021, 16, 1105-1133.	1.0	11
303	Lecithinized superoxide dismutase in the past and in the present: Any role in the actual pandemia of COVID-19?. Biomedicine and Pharmacotherapy, 2021, 141, 111922.	2.5	8
304	Leonurine protects against influenza A virus infection-induced pneumonia in mice. Pathogens and Disease, 2021, 79, .	0.8	2
305	A TLR7 antagonist restricts interferon-dependent and -independent immunopathology in a mouse model of severe influenza. Journal of Experimental Medicine, 2021, 218, .	4.2	10
306	Melatonin interferes with COVID-19 at several distinct ROS-related steps. Journal of Inorganic Biochemistry, 2021, 223, 111546.	1.5	27
307	Effect of paeoniflorin on acute lung injury induced by influenza A virus in mice. Evidences of its mechanism of action. Phytomedicine, 2021, 92, 153724.	2.3	14
308	Mimicry between proteins of human and avian influenza viruses and host immune system proteins. AIMS Allergy and Immunology, 2021, 5, 64-72.	0.3	0
309	Protective Effect of Arbidol Against Pulmonary Fibrosis and Sepsis in Mice. Frontiers in Pharmacology, 2020, 11, 607075.	1.6	5
310	Does the Global Outbreak of COVID-19 or Other Viral Diseases Threaten the Stem Cell Reservoir Inside the Body?. Stem Cell Reviews and Reports, 2021, 17, 214-230.	1.7	11
311	The role of Nrf2 in autoimmunity and infectious disease: Therapeutic possibilities. Advances in Pharmacology, 2021, 91, 61-110.	1.2	6
312	COVID-19 co-infection mathematical model as guided through signaling structural framework. Computational and Structural Biotechnology Journal, 2021, 19, 1672-1683.	1.9	6

#	Article	IF	Citations
313	Multiple modes of action of myricetin in influenza A virus infection. Phytotherapy Research, 2021, 35, 2797-2806.	2.8	14
314	The therapeutic potential of sialylated Fc domains of human IgG. MAbs, 2021, 13, 1953220.	2.6	11
315	Respiratory viral infections drive different lung cytokine profiles in pigs. BMC Veterinary Research, 2021, 17, 5.	0.7	10
316	Botanical Sources, Chemistry Aspects and Biological Functions of Berberine: An Updated Critical Review. , 2020, , 421-462.		1
317	Toward understanding the 2019 Coronavirus and its impact on the heart. Journal of Thrombosis and Thrombolysis, 2020, 50, 33-42.	1.0	23
318	COVID-19 and NSAIDS: A Narrative Review of Knowns and Unknowns. Pain and Therapy, 2020, 9, 353-358.	1.5	30
319	Covid-19: the reninâ€“angiotensin system imbalance hypothesis. Clinical Science, 2020, 134, 1259-1264.	1.8	82
320	Is there a role for blood purification therapies targeting cytokine storm syndrome in critically severe COVID-19 patients?. Renal Failure, 2020, 42, 483-488.	0.8	37
330	Duckâ€origin H5N6 avian influenza viruses induce different pathogenic and inflammatory effects in mice. Transboundary and Emerging Diseases, 2021, 68, 3509-3518.	1.3	5
331	Use of Intravenous Immunoglobulin (Prevagen or Octagam) for the Treatment of COVID-19: Retrospective Case Series. Respiration, 2020, 99, 1145-1153.	1.2	23
332	Matrix metalloproteinase-9 deficiency protects mice from severe influenza A viral infection. JCI Insight, 2018, 3, .	2.3	31
333	Boosting efferocytosis in alveolar space using BCG vaccine to protect host against influenza pneumonia. PLoS ONE, 2017, 12, e0180143.	1.1	54
334	Impacts of the 1918 flu on survivors' nutritional status: A double quasi-natural experiment. PLoS ONE, 2020, 15, e0232805.	1.1	5
335	Influenza A viruses limit NLRP3â€NEK7â€complex formation and pyroptosis in human macrophages. EMBO Reports, 2020, 21, e50421.	2.0	27
336	Insights into Potential Mechanisms of Injury and Treatment Targets in COVID-19, SARS-Cov-2 Infection. International Journal of Clinical Research & Trials, 2020, 5, .	1.6	5
337	Cytokine release syndrome: inhibition of pro-inflammatory cytokines as a solution for reducing COVID-19 mortality. European Cytokine Network, 2020, 31, 81-93.	1.1	45
338	Association between preventive behaviour and anxiety at the start of the COVID-19 pandemic in Slovenia. Zdravstveno Varstvo, 2020, 60, 17-24.	0.6	27
339	Ethanol Extract of Caesalpinia decapetala Inhibits Influenza Virus Infection In Vitro and In Vivo. Viruses, 2020, 12, 557.	1.5	8

#	Article	IF	Citations
340	Respiratory Epithelial Cells Respond to Lactobacillus plantarum but Provide No Cross-Protection against Virus-Induced Inflammation. Viruses, 2021, 13, 2.	1.5	12
341	Acute kidney injury in COVID-19; a review on current knowledge. Journal of Nephropathology, 2020, 9, e31-e31.	0.1	13
342	Therapeutic opportunities to manage COVID-19/SARS-CoV-2 infection: Present and future. Indian Journal of Ophthalmology, 2020, 68, 693.	0.5	78
343	Molecular insight into the therapeutic promise of xuebijing injection against coronavirus disease 2019. World Journal of Traditional Chinese Medicine, 2020, 6, 203.	0.9	3
344	Morin Hydrate Inhibits Influenza Virus entry into Host Cells and Has Anti-inflammatory Effect in Influenza-infected Mice. Immune Network, 2020, 20, e32.	1.6	13
345	Pulmonary transcriptomic responses indicate a dual role of inflammation in pneumonia development and viral clearance during 2009 pandemic influenza infection. PeerJ, 2017, 5, e3915.	0.9	7
346	End-Stage Renal Disease Patients on Chronic Hemodialysis Fare Better With COVID-19: A Retrospective Cohort Study From the New York Metropolitan Region. Cureus, 2020, 12, e10373.	0.2	9
347	Analysis of Male Sex as a Risk Factor in Older Adults With Coronavirus Disease 2019: A Retrospective Cohort Study From the New York City Metropolitan Region. Cureus, 2020, 12, e9912.	0.2	7
348	Potential therapeutic approach of intravenous immunoglobulin against COVID-19. Allergy, Asthma and Clinical Immunology, 2021, 17, 105.	0.9	9
349	Signaling pathways in the regulation of cytokine release syndrome in human diseases and intervention therapy. Signal Transduction and Targeted Therapy, 2021, 6, 367.	7.1	31
350	Specific Cytokine Profiles Predict the Severity of Influenza A Pneumonia: A Prospectively Multicenter Pilot Study. BioMed Research International, 2021, 2021, 1-11.	0.9	5
351	IMPORTANT FACTORS OF THE INFLAMMATORY PROCESS IN THE O ROPHARYNX AND OPTIMAL TREATMENT REGIMES SELECTION. Meditsinskiy Sovet, 2017, , 48-54.	0.1	7
355	Survival of the Weakest? Culling Evidence from the 1918 Flu Pandemic. SSRN Electronic Journal, 0, , .	0.4	0
357	The Effect of a Lipopolysaccharide from Rhodobacter capsulatus PG on Inflammation Caused by Various Influenza Strains. Acta Naturae, 2019, 11, 46-55.	1.7	0
358	THE USE OF HERBAL REMEDIES IN THE TREATMENT OF HEPATOBILIARY DISEASES: TRENDS AND PROSPECTS. Biotechnologia Acta, 2019, 12, 42-62.	0.3	2
359	Study on the inhibition of PLD on IAV-induced pulmonary macrophage based on autophagy and apoptosis. Pharmacognosy Magazine, 2020, 16, 132.	0.3	3
363	A network pharmacology-based strategy deciphers the multitarget pharmacological mechanism of Reduning injection in the treatment of influenza. European Journal of Integrative Medicine, 2020, 36, 101111.	0.8	1
366	Attenuating influenza a virus infection by heparin binding EGF-like growth factor. Growth Factors, 2020, 38, 167-176.	0.5	8

#	Article	IF	Citations
367	Influenza sequelae: from immune modulation to persistent alveolitis. Clinical Science, 2020, 134, 1697-1714.	1.8	6
368	Chinese Medicine Treatment of Cytokine Storm Caused by COVID-19. Iranian Red Crescent Medical Journal, 2020, 22, .	0.5	0
369	Glucocorticoids Improve 30-day Survival Probability in Critical Coronavirus Disease 2019 Patients. Infectious Diseases in Clinical Practice, 2021, 29, e20-e22.	0.1	1
370	Dysregulated Inflammation During Obesity: Driving Disease Severity in Influenza Virus and SARS-CoV-2 Infections. Frontiers in Immunology, 2021, 12, 770066.	2.2	26
371	Stability Analysis of a Mathematical Model in Inflammatory Response System Due to SARS Coronavirus Infection. Jurnal Matematika Statistika Dan Komputasi, 2020, 17, 280-292.	0.1	5
372	Effectiveness and Safety of Methylprednisolone When Treating Patients with COVID-19 Pneumonia-Induced Severe Systemic Inflammation: A Retrospective, Cohort Study. SSRN Electronic Journal, 0, , .	0.4	0
373	Contribution of antibody-dependent enhancement to the pathogenesis of coronavirus infections. AIMS Allergy and Immunology, 2020, 4, 50-59.	0.3	1
374	â€œOzoneâ€• A better alternative in COVID-19 pandemic. Journal on Recent Advances in Pain, 2020, 6, 1.	0.0	0
375	Vitamin D Serum Levels in Subjects Tested for SARS-CoV-2: What Are the Differences among Acute, Healed, and Negative COVID-19 Patients? A Multicenter Real-Practice Study. Nutrients, 2021, 13, 3932.	1.7	21
379	Factors increasing the risk of mortality and morbidity due to coronavirus infection in patients with metabolic syndrome. Precision and Future Medicine, 2020, 4, 83-90.	0.5	2
380	Novel single-chain antibodies against highly conserved epitopes in the hemagglutinin of influenza A viruses: Promising agents for universal therapies. Iranian Journal of Basic Medical Sciences, 2021, 24, 17-23.	1.0	1
381	T helper type (Th1/Th2) responses to SARS-CoV-2 and influenza A (H1N1) virus: From cytokines produced to immune responses. Transplant Immunology, 2022, 70, 101495.	0.6	58
382	RGS10 Reduces Lethal Influenza Infection and Associated Lung Inflammation in Mice. Frontiers in Immunology, 2021, 12, 772288.	2.2	5
383	Pathogenesis and Treatment of Cytokine Storm Induced by Infectious Diseases. International Journal of Molecular Sciences, 2021, 22, 13009.	1.8	34
384	JAK-STAT Pathway: A Novel Target to Tackle Viral Infections. Viruses, 2021, 13, 2379.	1.5	38
385	The Potential Role of Cytokine Storm Pathway in the Clinical Course of Viral Respiratory Pandemic. Biomedicines, 2021, 9, 1688.	1.4	11
386	Machine Learning and Finite Element Methods in Modeling of COVID-19 Spread. Learning and Analytics in Intelligent Systems, 2022, , 43-69.	0.5	0
388	Pathogen Infection Recovery Probability (PIRP) Versus Proinflammatory Anti-Pathogen Species (PIAPS) Levels: Modelling and Therapeutic Strategies. International Journal of Medical Science and Clinical Invention, 2020, 7, 4925-4930.	0.1	0

#	Article	IF	Citations
389	Cardiovascular Burden of COVID-19 and the Post-Covid Era. , 2021, 1, 1-10.		0
390	Concurrent Infection With the Filarial Helminth Litomosoides sigmodontis Attenuates or Worsens Influenza A Virus Pathogenesis in a Stage-Dependent Manner. Frontiers in Immunology, 2021, 12, 819560.	2.2	2
391	Myasthenia gravis exacerbation and myasthenic crisis associated with COVID-19: case series and literature review. Neurological Sciences, 2022, 43, 2271-2276.	0.9	23
392	BATF promotes group 2 innate lymphoid cellâ€“mediated lung tissue protection during acute respiratory virus infection. Science Immunology, 2022, 7, eabc9934.	5.6	20
393	COVID-19: General Strategies for Herbal Therapies. Journal of Evidence-based Integrative Medicine, 2022, 27, 2515690X2110536.	1.4	23
394	Evaluation of Treatment with a single (400mg) versus double dose (800mg) of Tocilizumab in Acute Respiratory Distress Syndrome Associated with COVID-19Pneumonia. Journal of Contemporary Medicine, 2022, 12, 134-138.	0.1	0
395	Cytokine Hemoadsorption as Rescue Therapy for Critically Ill Patients With SARS-CoV-2 Pneumonia With Severe Respiratory Failure and Hypercytokinemia. Frontiers in Medicine, 2021, 8, 779038.	1.2	8
396	Early High-Dose Methylprednisolone Therapy Is Associated with Better Outcomes in Children with Acute Necrotizing Encephalopathy. Children, 2022, 9, 136.	0.6	5
397	Nonrespiratory sites of influenzaâ€associated disease: mechanisms and experimental systems for continued study. FEBS Journal, 2022, 289, 4038-4060.	2.2	6
398	Intravenous Immunoglobulin Therapy for Critically Ill COVID-19 Patients With Different Inflammatory Phenotypes: A Multicenter, Retrospective Study. Frontiers in Immunology, 2021, 12, 738532.	2.2	7
401	Exploring the total flavones of Abelmoschus manihot against IAV-induced lung inflammation by network pharmacology. BMC Complementary Medicine and Therapies, 2022, 22, 36.	1.2	2
402	Modulation of Macrophage Polarization by Viruses: Turning Off/On Host Antiviral Responses. Frontiers in Microbiology, 2022, 13, 839585.	1.5	18
403	Potent antiviral activity of the extract of Elaeocarpus sylvestris against influenza A virus in vitro and in vivo. Phytomedicine, 2022, 97, 153892.	2.3	9
404	Qingwenzhike Prescription Alleviates Acute Lung Injury Induced by LPS via Inhibiting TLR4/NF-kB Pathway and NLRP3 Inflammasome Activation. Frontiers in Pharmacology, 2021, 12, 790072.	1.6	32
405	NaÃ¯ve Human Macrophages Are Refractory to SARS-CoV-2 Infection and Exhibit a Modest Inflammatory Response Early in Infection. Viruses, 2022, 14, 441.	1.5	10
406	A Hybrid Soluble gp130/Spike-Nanobody Fusion Protein Simultaneously Blocks Interleukin-6 trans -Signaling and Cellular Infection with SARS-CoV-2. Journal of Virology, 2022, 96, JVI0162221.	1.5	5
409	Syk Facilitates Influenza A Virus Replication by Restraining Innate Immunity at the Late Stage of Viral Infection. Journal of Virology, 2022, 96, e0020022.	1.5	5
410	Autophagy and Exosome Coordinately Enhance Macrophage M1 Polarization and Recruitment in Influenza A Virus Infection. Frontiers in Immunology, 2022, 13, 722053.	2.2	8

#	Article	IF	Citations
411	Blood purification in sepsis and COVID-19: whatÂ´s new in cytokine and endotoxin hemoadsorption. Journal of Anesthesia, Analgesia and Critical Care, 2022, 2, .	0.5	6
412	Traditional Chinese medicine against COVID-19: Role of the gut microbiota. Biomedicine and Pharmacotherapy, 2022, 149, 112787.	2.5	24
413	Influenza viruses and coronaviruses: Knowns, unknowns, and common research challenges. PLoS Pathogens, 2021, 17, e1010106.	2.1	12
414	Recent Advances in Aptasensor for Cytokine Detection: A Review. Sensors, 2021, 21, 8491.	2.1	18
415	Parsing the Role of PPARs in Macrophage Processes. Frontiers in Immunology, 2021, 12, 783780.	2.2	32
417	Elimination of receptor binding by influenza hemagglutinin improves vaccine-induced immunity. Npj Vaccines, 2022, 7, 42.	2.9	5
418	Vitamin C and D Supplements to Prevent the Risk of COVID-19. Natural Products Journal, 2022, 12, .	0.1	0
419	Identification of Neutrophil-Related Factor LCN2 for Predicting Severity of Patients With Influenza A Virus and SARS-CoV-2 Infection. Frontiers in Microbiology, 2022, 13, 854172.	1.5	6
420	Liposomal Dexamethasone Reduces A/H1N1 Influenza-Associated Morbidity in Mice. Frontiers in Microbiology, 2022, 13, 845795.	1.5	4
422	Inflammatory response and its correction in forming a host response to exposure to adverse environmental factors. Vestnik of Russian Military Medical Academy, 2022, 24, 165-177.	0.1	0
432	Evidences suggesting a possible role of Vitamin D in COVID 19: The missing link. Indian Journal of Pharmacology, 2021, 53, 394-402.	0.4	2
433	Cytokine storm and stem cell activation in unveiling potential targets for diagnosis and therapy. , 2022, , 59-70.		0
434	Antiviral Activities of Interleukin-27: A Partner for Interferons?. Frontiers in Immunology, 2022, 13, .	2.2	14
435	Dysregulated Interferon Response and Immune Hyperactivation in Severe COVID-19: Targeting STATs as a Novel Therapeutic Strategy. Frontiers in Immunology, 2022, 13, .	2.2	29
436	Dietary Cholesterol Causes Inflammatory Imbalance and Exacerbates Morbidity in Mice Infected with Influenza A Virus. Journal of Immunology, 2022, 208, 2523-2539.	0.4	9
437	Anti-adhesion and Anti-inflammatory Potential of the Leaderless Class IIb Bacteriocin Enterocin DD14. Probiotics and Antimicrobial Proteins, 2022, 14, 613-619.	1.9	4
438	Risk of Death in Comorbidity Subgroups of Hospitalized COVID-19 Patients Inferred by Routine Laboratory Markers of Systemic Inflammation on Admission: A Retrospective Study. Viruses, 2022, 14, 1201.	1.5	10
439	Futurology and monitoring in the field of virology to deal with emerging diseases. , 2022, 125, 253-263.		0

#	Article	IF	Citations
441	Identification of Hub Genes and Key Pathways in TNF-Î± and IFN-Î³ Induced Cytokine Storms via Bioinformatics. , 2022, , .		3
442	Impact of COVID-19 on brain and psychological health, its possible mechanisms, and coping strategies. Recent Patents on Biotechnology, 2022, 16, .	0.4	1
443	Chlorpromazine, a Clinically Approved Drug, Inhibits SARS-CoV-2 Nucleocapsid-Mediated Induction of IL-6 in Human Monocytes. Molecules, 2022, 27, 3651.	1.7	7
444	Baicalein selfâ€microemulsion based on drugâ€“phospholipid complex for the alleviation of cytokine storm. Bioengineering and Translational Medicine, 2023, 8, .	3.9	0
445	Human Placental Mesenchymal Stem Cells for the Treatment of ARDS in Rat. Stem Cells International, 2022, 2022, 1-13.	1.2	3
446	Fibroblast growth factor-9 expression in airway epithelial cells amplifies the type I interferon response and alters influenza A virus pathogenesis. PLoS Pathogens, 2022, 18, e1010228.	2.1	5
447	Hallmarks of Severe COVID-19 Pathogenesis: A Pas de Deux Between Viral and Host Factors. Frontiers in Immunology, 0, 13, .	2.2	10
448	Anti-Inflammatory Mechanisms of Total Flavonoids from Mosla scabra against Influenza A Virus-Induced Pneumonia by Integrating Network Pharmacology and Experimental Verification. Evidence-based Complementary and Alternative Medicine, 2022, 2022, 1-10.	0.5	4
449	Comparing the Cytokine Storms of COVID-19 and Pandemic Influenza. Journal of Interferon and Cytokine Research, 2022, 42, 369-392.	0.5	9
450	Virus Infection and Systemic Inflammation: Lessons Learnt from COVID-19 and Beyond. Cells, 2022, 11, 2198.	1.8	9
451	COVID-19 and Tuberculosis: Two Knives in a Sheath. Coronaviruses, 2022, 03, .	0.2	1
452	Ly6C ^{hi} monocytes balance regulatory and cytotoxic CD4 T cell responses to control virus-induced immunopathology. Science Immunology, 2022, 7, .	5.6	7
454	Comprehensive Cytokine Profiling of Patients with COVID-19 Receiving Tocilizumab Therapy. International Journal of Molecular Sciences, 2022, 23, 7937.	1.8	2
455	Exploring the role of Xingren on <scp>COVID</scp> â€19 based on network pharmacology and molecular docking. Journal of Food Biochemistry, 2022, 46, .	1.2	5
456	High-density lipoproteins may play a crucial role in COVID-19. Virology Journal, 2022, 19, .	1.4	3
457	Modeling SARS-CoV-2 and influenza infections and antiviral treatments in human lung epithelial tissue equivalents. Communications Biology, 2022, 5, .	2.0	11
458	H5N8 Subtype avian influenza virus isolated from migratory birds emerging in Eastern China possessed a high pathogenicity in mammals. Transboundary and Emerging Diseases, 2022, 69, 3325-3338.	1.3	1
459	Investigation of the potential of leukoreduction filters in the creation of anti-inflammatory compound. Transfusion and Apheresis Science, 2023, 62, 103520.	0.5	0

#	Article	IF	Citations
460	The effects of air pollutants exposure on the transmission and severity of invasive infection caused by an opportunistic pathogen Streptococcus pyogenes. Environmental Pollution, 2022, 310, 119826.	3.7	5
461	Protective and vaccine dose-sparing efficacy of Poly I:C-functionalized calcium phosphate nanoparticle adjuvants in inactivated influenza vaccination. International Immunopharmacology, 2022, 112, 109240.	1.7	1
462	Aloe polymeric acemannan inhibits the cytokine storm in mouse pneumonia models by modulating macrophage metabolism. Carbohydrate Polymers, 2022, 297, 120032.	5.1	5
463	Ibuprofen er fortsatt anbefalt. , 2020, 131, .		0
464	COVID-19 and the potential of Janus family kinase (JAK) pathway inhibition: A novel treatment strategy. Frontiers in Medicine, 0, 9, .	1.2	4
465	Enhancement of the Bioavailability and Anti-Inflammatory Activity of Glycyrrhetinic Acid via Novel SoluplusÂ®â€"A Glycyrrhetinic Acid Solid Dispersion. Pharmaceutics, 2022, 14, 1797.	2.0	8
467	Myricetin inhibits pseudorabies virus infection through direct inactivation and activating host antiviral defense. Frontiers in Microbiology, 0, 13, .	1.5	12
468	3D tissue-engineered lung models to study immune responses following viral infections of the small airways. Stem Cell Research and Therapy, 2022, 13, .	2.4	6
469	Berberine ameliorates pulmonary inflammation in mice with influenza viral pneumonia by inhibiting NLRP3 inflammasome activation and gasdermin Dâ€mediated pyroptosis. Drug Development Research, 2022, 83, 1707-1721.	1.4	7
470	FDA-Approved Inhibitors of RTK/Raf Signaling Potently Impair Multiple Steps of In Vitro and Ex Vivo Influenza A Virus Infections. Viruses, 2022, 14, 2058.	1.5	8
471	Therapeutic plasma exchange: A potential therapeutic modality for critically ill adults with severe acute respiratory syndrome coronavirus 2 infection. Journal of Clinical Apheresis, 2022, 37, 563-572.	0.7	2
472	Differences in Immunoglobulin G Glycosylation Between Influenza and COVID-19 Patients. Engineering, 2023, 26, 54-62.	3.2	4
473	COVID-19 Induces Cytokine Storm and Dysfunctional Hemostasis. Current Drug Targets, 2022, 23, 1603-1610.	1.0	3
474	Ultrafiltration isolation, structure and effects on H1N1-induced acute lung injury of a heteropolysaccharide from Houttuynia cordata. International Journal of Biological Macromolecules, 2022, 222, 2414-2425.	3.6	2
476	Expression and Purification of Recombinant SARS-CoV-2 Accessory Protein ORF7a and Functional Analysis of Its Role in Up-Regulating Cytokine Production. Covid, 2022, 2, 1449-1459.	0.7	0
477	Qin-Qiao-Xiao-Du formula alleviate influenza virus infectious pneumonia through regulation gut microbiota and metabolomics. Frontiers in Medicine, 0, 9, .	1.2	3
478	A systematic review and metaâ€'analysis of Arbidol therapy for acute respiratory viral infections: A potential treatment for COVIDâ€'19. Experimental and Therapeutic Medicine, 2022, 24, .	0.8	0
479	Inter-Fighting between Influenza A Virus NS1 and Î²-TrCP: A Novel Mechanism of Anti-Influenza Virus. Viruses, 2022, 14, 2426.	1.5	2

#	Article	IF	Citations
480	Inhibition of KIF20A suppresses the replication of influenza A virus by inhibiting viral entry. Journal of Microbiology, 2022, 60, 1113-1121.	1.3	1
481	Anti-inflammatory effects of Chaishi Tuire Granules on influenza A treatment by mediating TRAF6/MAPK14 axis. Frontiers in Medicine, 0, 9, .	1.2	1
482	Cellular Immuno-Profile in Septic Human Host: A Scoping Review. Biology, 2022, 11, 1626.	1.3	5
483	Rapamycin not dietary restriction improves resilience against pathogens: a meta-analysis. GeroScience, 2023, 45, 1263-1270.	2.1	7
484	LOW PREVALENCE OF COVID-19 IN LAOS AND CAMBODIA: DOES DIET PLAY A ROLE?. Acta Medica Leopoliensia, 2022, 28, 161-180.	0.0	0
485	SARS-CoV-2: Recent Past and Present: An Unusual Review. , 2022, 2, 1-33.		0
486	Could treatment with immunomodulatory agents targeting IL-1, IL-6, or JAK signalling improve outcomes in patients with severe influenza pneumonia? A systematic and narrative review. HRB Open Research, 0, 5, 77.	0.3	1
487	The Efficacious Benefit of 25-Hydroxy Vitamin D to Prevent COVID-19: An In-Silico Study Targeting SARS-CoV-2 Spike Protein. Nutrients, 2022, 14, 4964.	1.7	0
488	Preparing for the next pandemic: Simulation-based deep reinforcement learning to discover and test multimodal control of systemic inflammation using repurposed immunomodulatory agents. Frontiers in Immunology, 0, 13, .	2.2	2
489	Differentiating between bacterial and viral infections by estimated CRP velocity. PLoS ONE, 2022, 17, e0277401.	1.1	10
490	Serious adverse events and coping strategies of CAR-T cells in the treatment of malignant tumors. Frontiers in Immunology, 0, 13, .	2.2	1
491	Chronic exposure to low-level lipopolysaccharide dampens influenza-mediated inflammatory response via A20 and PPAR network. Frontiers in Immunology, 0, 14, .	2.2	0
492	Recent Advances on Small-Molecule Antagonists Targeting TLR7. Molecules, 2023, 28, 634.	1.7	6
493	A Review on COVID-19: Primary Receptor, Endothelial Dysfunction, Related Comorbidities, and Therapeutics. , 0, , .		0
494	Exosome-mediated delivery of gga-miR-20a-5p regulates immune response of chicken macrophages by targeting IFNGR2, MAPK1, MAP3K5, and MAP3K14. Animal Bioscience, 0, , .	0.8	1
495	Heterotypic Influenza Infections Mitigate Susceptibility to Secondary Bacterial Infection. Journal of Immunology, 2022, 209, 760-771.	0.4	4
496	Long COVID and hypertension-related disorders: a report from the Japanese Society of Hypertension Project Team on COVID-19. Hypertension Research, 2023, 46, 601-619.	1.5	22
497	Immune responses in mildly versus critically ill COVID-19 patients. Frontiers in Immunology, 0, 14, .	2.2	18

#	Article	IF	Citations
498	Therapeutic Targeting of Inflammation and Virus Simultaneously Ameliorates Influenza Pneumonia and Protects from Morbidity and Mortality. Viruses, 2023, 15, 318.	1.5	4
499	Blood pH and COVIDâ€19. Archiv Der Pharmazie, 2023, 356, .	2.1	1
500	Nonsteroidal anti-inflammatory drugs in viral infections disease, specially COVID-19. Advanced Biomedical Research, 2023, 12, 20.	0.2	1
501	Herbal Substances with Antiviral Effects: Features and Prospects for the Treatment of Viral Diseases with Emphasis on Pro-Inflammatory Cytokines. Current Medicinal Chemistry, 2023, 30, .	1.2	0
502	The dual-function chemokine receptor CCR2 drives migration and chemokine scavenging through distinct mechanisms. Science Signaling, 2023, 16, .	1.6	7
503	Functional nucleic acids as potent therapeutics against SARS-CoV-2 infection. Cell Reports Physical Science, 2023, , 101249.	2.8	1
504	Real-world experience of arbidol for Omicron variant of SARS-CoV-2. Journal of Thoracic Disease, 2023, 15, 452-461.	0.6	1
505	A SARS-CoV-2-specific CAR-T-cell model identifies felodipine, fasudil, imatinib, and caspofungin as potential treatments for lethal COVID-19. , 2023, 20, 351-364.		5
506	Immunomodulatory and antiviral effects of Lycium barbarum glycopeptide on influenza a virus infection. Microbial Pathogenesis, 2023, 176, 106030.	1.3	4
507	The clinical and immunological characteristics in fatal severe fever with thrombocytopenia syndrome virus (SFTSV) infection. Clinical Immunology, 2023, 248, 109262.	1.4	3
508	Artificial intelligence assessment of the potential of tocilizumab along with corticosteroids therapy for the management of COVID-19 evoked acute respiratory distress syndrome. PLoS ONE, 2023, 18, e0280677.	1.1	2
509	Peroxisome Proliferator-Activated Receptor-Targeted Therapies: Challenges upon Infectious Diseases. Cells, 2023, 12, 650.	1.8	3
510	NFÎºB signaling in T cell memory. Frontiers in Immunology, 0, 14, .	2.2	5
511	The Effect of Weekly 50,000 IU Vitamin D3 Supplements on the Serum Levels of Selected Cytokines Involved in Cytokine Storm: A Randomized Clinical Trial in Adults with Vitamin D Deficiency. Nutrients, 2023, 15, 1188.	1.7	3
512	Application Potential of Luteolin in the Treatment of Viral Pneumonia. Journal of Food Biochemistry, 2023, 2023, 1-20.	1.2	0
513	Research progress on the effect of traditional Chinese medicine on the activation of PRRs-mediated NF-Îº B signaling pathway to inhibit influenza pneumonia. Frontiers in Pharmacology, 0, 14, .	1.6	2
514	A target-cell limited model can reproduce influenza infection dynamics in hosts with differing immune responses. Journal of Theoretical Biology, 2023, , 111491.	0.8	3
515	Fighting cytokine storm and immunomodulatory deficiency: By using natural products therapy up to now. Frontiers in Pharmacology, 0, 14, .	1.6	9

#	Article	IF	Citations
516	Investigational Use of Mesenchymal Stem/Stromal Cells and Their Secretome as Add-On Therapy in Severe Respiratory Virus Infections: Challenges and Perspectives. Advances in Therapy, 2023, 40, 2626-2692.	1.3	8
517	The pro-inflammatory response to influenza A virus infection is fueled by endothelial cells. Life Science Alliance, 2023, 6, e202201837.	1.3	3
542	Neural Mechanisms Underlying the Coughing Reflex. Neuroscience Bulletin, 2023, 39, 1823-1839.	1.5	2
546	Glycyrrhizae Radix et Rhizoma (Gan Cao) for the Management of COVID-19. , 2023, , 343-363.		0
554	Interaktion von kÃ¶rperlichen VerÃnderungen und psychischen StÃ¶rungen bei COVID-19. Ein Scoping Review. Neuropsychiatrie, 2024, 38, 1-23.	1.3	0
563	Pharmacotherapeutics for cytokine storm in COVID-19. , 2024, , 101-125.		0