

Jie Zhou

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3807415/publications.pdf>

Version: 2024-02-01

258
papers

72,881
citations

2669

95
h-index

735

251
g-index

272
all docs

272
docs citations

272
times ranked

94786
citing authors

#	ARTICLE	IF	CITATIONS
1	Clinical Characteristics of Coronavirus Disease 2019 in China. <i>New England Journal of Medicine</i> , 2020, 382, 1708-1720.	13.9	22,372
2	A familial cluster of pneumonia associated with the 2019 novel coronavirus indicating person-to-person transmission: a study of a family cluster. <i>Lancet, The</i> , 2020, 395, 514-523.	6.3	7,120
3	Temporal profiles of viral load in posterior oropharyngeal saliva samples and serum antibody responses during infection by SARS-CoV-2: an observational cohort study. <i>Lancet Infectious Diseases, The</i> , 2020, 20, 565-574.	4.6	2,704
4	Genomic characterization of the 2019 novel human-pathogenic coronavirus isolated from a patient with atypical pneumonia after visiting Wuhan. <i>Emerging Microbes and Infections</i> , 2020, 9, 221-236.	3.0	2,389
5	Coronaviruses – drug discovery and therapeutic options. <i>Nature Reviews Drug Discovery</i> , 2016, 15, 327-347.	21.5	1,365
6	Severe acute respiratory syndrome coronavirus-like virus in Chinese horseshoe bats. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 14040-14045.	3.3	1,322
7	Characterization and Complete Genome Sequence of a Novel Coronavirus, Coronavirus HKU1, from Patients with Pneumonia. <i>Journal of Virology</i> , 2005, 79, 884-895.	1.5	1,269
8	Triple combination of interferon beta-1b, lopinavir-ritonavir, and ribavirin in the treatment of patients admitted to hospital with COVID-19: an open-label, randomised, phase 2 trial. <i>Lancet, The</i> , 2020, 395, 1695-1704.	6.3	1,244
9	Avian Influenza A (H5N1) Infection in Humans. <i>New England Journal of Medicine</i> , 2005, 353, 1374-1385.	13.9	1,235
10	SARS-CoV-2 B.1.617.2 Delta variant replication and immune evasion. <i>Nature</i> , 2021, 599, 114-119.	13.7	1,041
11	Striking antibody evasion manifested by the Omicron variant of SARS-CoV-2. <i>Nature</i> , 2022, 602, 676-681.	13.7	1,038
12	Simulation of the Clinical and Pathological Manifestations of Coronavirus Disease 2019 (COVID-19) in a Golden Syrian Hamster Model: Implications for Disease Pathogenesis and Transmissibility. <i>Clinical Infectious Diseases</i> , 2020, 71, 2428-2446.	2.9	839
13	Human infections with the emerging avian influenza A H7N9 virus from wet market poultry: clinical analysis and characterisation of viral genome. <i>Lancet, The</i> , 2013, 381, 1916-1925.	6.3	781
14	Improved Molecular Diagnosis of COVID-19 by the Novel, Highly Sensitive and Specific COVID-19-RdRp/Hex Real-Time Reverse Transcription-PCR Assay Validated <i>In Vitro</i> and with Clinical Specimens. <i>Journal of Clinical Microbiology</i> , 2020, 58, .	1.8	780
15	Middle East Respiratory Syndrome Coronavirus: Another Zoonotic Betacoronavirus Causing SARS-Like Disease. <i>Clinical Microbiology Reviews</i> , 2015, 28, 465-522.	5.7	703
16	Comparative tropism, replication kinetics, and cell damage profiling of SARS-CoV-2 and SARS-CoV with implications for clinical manifestations, transmissibility, and laboratory studies of COVID-19: an observational study. <i>Lancet Microbe, The</i> , 2020, 1, e14-e23.	3.4	683
17	Discovery of SARS-CoV-2 antiviral drugs through large-scale compound repurposing. <i>Nature</i> , 2020, 586, 113-119.	13.7	672
18	Convalescent Plasma Treatment Reduced Mortality in Patients With Severe Pandemic Influenza A (H1N1) 2009 Virus Infection. <i>Clinical Infectious Diseases</i> , 2011, 52, 447-456.	2.9	596

#	ARTICLE	IF	CITATIONS
19	Treatment With Lopinavir/Ritonavir or Interferon-Î²1b Improves Outcome of MERS-CoV Infection in a Nonhuman Primate Model of Common Marmoset. <i>Journal of Infectious Diseases</i> , 2015, 212, 1904-1913.	1.9	572
20	Comparative Replication and Immune Activation Profiles of SARS-CoV-2 and SARS-CoV in Human Lungs: An Ex Vivo Study With Implications for the Pathogenesis of COVID-19. <i>Clinical Infectious Diseases</i> , 2020, 71, 1400-1409.	2.9	561
21	The furin cleavage site in the SARS-CoV-2 spike protein is required for transmission in ferrets. <i>Nature Microbiology</i> , 2021, 6, 899-909.	5.9	556
22	Coronavirus Diversity, Phylogeny and Interspecies Jumping. <i>Experimental Biology and Medicine</i> , 2009, 234, 1117-1127.	1.1	548
23	Surgical Mask Partition Reduces the Risk of Noncontact Transmission in a Golden Syrian Hamster Model for Coronavirus Disease 2019 (COVID-19). <i>Clinical Infectious Diseases</i> , 2020, 71, 2139-2149.	2.9	501
24	Interspecies transmission and emergence of novel viruses: lessons from bats and birds. <i>Trends in Microbiology</i> , 2013, 21, 544-555.	3.5	461
25	Attenuated replication and pathogenicity of SARS-CoV-2 B.1.1.529 Omicron. <i>Nature</i> , 2022, 603, 693-699.	13.7	460
26	Infection of bat and human intestinal organoids by SARS-CoV-2. <i>Nature Medicine</i> , 2020, 26, 1077-1083.	15.2	441
27	Crystal structure of an avian influenza polymerase PAN reveals an endonuclease active site. <i>Nature</i> , 2009, 458, 909-913.	13.7	437
28	Severe acute respiratory syndrome Coronavirus ORF3a protein activates the NLRP3 inflammasome by promoting TRAF3-dependent ubiquitination of ASC. <i>FASEB Journal</i> , 2019, 33, 8865-8877.	0.2	434
29	Delayed Clearance of Viral Load and Marked Cytokine Activation in Severe Cases of Pandemic H1N1 2009 Influenza Virus Infection. <i>Clinical Infectious Diseases</i> , 2010, 50, 850-859.	2.9	403
30	Cytokine Responses in Severe Acute Respiratory Syndrome Coronavirus-Infected Macrophages In Vitro: Possible Relevance to Pathogenesis. <i>Journal of Virology</i> , 2005, 79, 7819-7826.	1.5	394
31	Middle East Respiratory Syndrome Coronavirus Efficiently Infects Human Primary T Lymphocytes and Activates the Extrinsic and Intrinsic Apoptosis Pathways. <i>Journal of Infectious Diseases</i> , 2016, 213, 904-914.	1.9	379
32	Active Replication of Middle East Respiratory Syndrome Coronavirus and Aberrant Induction of Inflammatory Cytokines and Chemokines in Human Macrophages: Implications for Pathogenesis. <i>Journal of Infectious Diseases</i> , 2014, 209, 1331-1342.	1.9	369
33	Self-amplifying RNA SARS-CoV-2 lipid nanoparticle vaccine candidate induces high neutralizing antibody titers in mice. <i>Nature Communications</i> , 2020, 11, 3523.	5.8	357
34	Delayed induction of proinflammatory cytokines and suppression of innate antiviral response by the novel Middle East respiratory syndrome coronavirus: implications for pathogenesis and treatment. <i>Journal of General Virology</i> , 2013, 94, 2679-2690.	1.3	347
35	Structure-based discovery of Middle East respiratory syndrome coronavirus fusion inhibitor. <i>Nature Communications</i> , 2014, 5, 3067.	5.8	324
36	Neutralization of Severe Acute Respiratory Syndrome Coronavirus 2 Omicron Variant by Sera From BNT162b2 or CoronaVac Vaccine Recipients. <i>Clinical Infectious Diseases</i> , 2022, 75, e822-e826.	2.9	322

#	ARTICLE	IF	CITATIONS
37	Human intestinal tract serves as an alternative infection route for Middle East respiratory syndrome coronavirus. <i>Science Advances</i> , 2017, 3, eaao4966.	4.7	317
38	Broad-spectrum antivirals for the emerging Middle East respiratory syndrome coronavirus. <i>Journal of Infection</i> , 2013, 67, 606-616.	1.7	314
39	SARS-CoV-2 Omicron variant shows less efficient replication and fusion activity when compared with Delta variant in TMPRSS2-expressed cells. <i>Emerging Microbes and Infections</i> , 2022, 11, 277-283.	3.0	308
40	Safety, tolerability and viral kinetics during SARS-CoV-2 human challenge in young adults. <i>Nature Medicine</i> , 2022, 28, 1031-1041.	15.2	281
41	Delayed antiviral plus immunomodulator treatment still reduces mortality in mice infected by high inoculum of influenza A/H5N1 virus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 8091-8096.	3.3	280
42	Hyperimmune IV Immunoglobulin Treatment. <i>Chest</i> , 2013, 144, 464-473.	0.4	269
43	Severe Acute Respiratory Syndrome Coronavirus M Protein Inhibits Type I Interferon Production by Impeding the Formation of TRAF3-TANK-TBK1/IKK μ Complex. <i>Journal of Biological Chemistry</i> , 2009, 284, 16202-16209.	1.6	261
44	Crystal structure of the polymerase PB1N complex from an avian influenza H5N1 virus. <i>Nature</i> , 2008, 454, 1123-1126.	13.7	248
45	Ecoepidemiology and Complete Genome Comparison of Different Strains of Severe Acute Respiratory Syndrome-Related <i>Rhinolophus</i> Bat Coronavirus in China Reveal Bats as a Reservoir for Acute, Self-Limiting Infection That Allows Recombination Events. <i>Journal of Virology</i> , 2010, 84, 2808-2819.	1.5	242
46	Identification of influenza A nucleoprotein as an antiviral target. <i>Nature Biotechnology</i> , 2010, 28, 600-605.	9.4	234
47	Comparative Analysis of Twelve Genomes of Three Novel Group 2c and Group 2d Coronaviruses Reveals Unique Group and Subgroup Features. <i>Journal of Virology</i> , 2007, 81, 1574-1585.	1.5	233
48	Characterization of the Lipidomic Profile of Human Coronavirus-Infected Cells: Implications for Lipid Metabolism Remodeling upon Coronavirus Replication. <i>Viruses</i> , 2019, 11, 73.	1.5	228
49	Investigating Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Surface and Air Contamination in an Acute Healthcare Setting During the Peak of the Coronavirus Disease 2019 (COVID-19) Pandemic in London. <i>Clinical Infectious Diseases</i> , 2021, 73, e1870-e1877.	2.9	227
50	Genetic Characterization of Betacoronavirus Lineage C Viruses in Bats Reveals Marked Sequence Divergence in the Spike Protein of Pipistrellus Bat Coronavirus HKU5 in Japanese Pipistrelle: Implications for the Origin of the Novel Middle East Respiratory Syndrome Coronavirus. <i>Journal of Virology</i> , 2013, 87, 8638-8650.	1.5	225
51	Soluble ACE2-mediated cell entry of SARS-CoV-2 via interaction with proteins related to the renin-angiotensin system. <i>Cell</i> , 2021, 184, 2212-2228.e12.	13.5	216
52	Differential maturation and subcellular localization of severe acute respiratory syndrome coronavirus surface proteins S, M and E. <i>Journal of General Virology</i> , 2005, 86, 1423-1434.	1.3	215
53	Zika fever and congenital Zika syndrome: An unexpected emerging arboviral disease. <i>Journal of Infection</i> , 2016, 72, 507-524.	1.7	215
54	Differentiated human airway organoids to assess infectivity of emerging influenza virus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 6822-6827.	3.3	215

#	ARTICLE	IF	CITATIONS
55	Modulation of the Unfolded Protein Response by the Severe Acute Respiratory Syndrome Coronavirus Spike Protein. <i>Journal of Virology</i> , 2006, 80, 9279-9287.	1.5	202
56	Lessons learned 1 year after SARS-CoV-2 emergence leading to COVID-19 pandemic. <i>Emerging Microbes and Infections</i> , 2021, 10, 507-535.	3.0	202
57	Viral load in patients infected with pandemic H1N1 2009 influenza A virus. <i>Journal of Medical Virology</i> , 2010, 82, 1-7.	2.5	200
58	Differential Cell Line Susceptibility to the Emerging Novel Human Betacoronavirus 2c EMC/2012: Implications for Disease Pathogenesis and Clinical Manifestation. <i>Journal of Infectious Diseases</i> , 2013, 207, 1743-1752.	1.9	195
59	Potent Neutralization of MERS-CoV by Human Neutralizing Monoclonal Antibodies to the Viral Spike Glycoprotein. <i>Science Translational Medicine</i> , 2014, 6, 234ra59.	5.8	194
60	SREBP-dependent lipidomic reprogramming as a broad-spectrum antiviral target. <i>Nature Communications</i> , 2019, 10, 120.	5.8	192
61	Recombinant Modified Vaccinia Virus Ankara Expressing the Spike Glycoprotein of Severe Acute Respiratory Syndrome Coronavirus Induces Protective Neutralizing Antibodies Primarily Targeting the Receptor Binding Region. <i>Journal of Virology</i> , 2005, 79, 2678-2688.	1.5	188
62	Two Years after Pandemic Influenza A/2009/H1N1: What Have We Learned?. <i>Clinical Microbiology Reviews</i> , 2012, 25, 223-263.	5.7	182
63	Middle East Respiratory Syndrome Coronavirus 4a Protein Is a Double-Stranded RNA-Binding Protein That Suppresses PACT-Induced Activation of RIG-I and MDA5 in the Innate Antiviral Response. <i>Journal of Virology</i> , 2014, 88, 4866-4876.	1.5	171
64	Identification of <i>TMPRSS2</i> as a Susceptibility Gene for Severe 2009 Pandemic A(H1N1) Influenza and A(H7N9) Influenza. <i>Journal of Infectious Diseases</i> , 2015, 212, 1214-1221.	1.9	170
65	Attenuated Interferon and Proinflammatory Response in SARS-CoV-2-Infected Human Dendritic Cells Is Associated With Viral Antagonism of STAT1 Phosphorylation. <i>Journal of Infectious Diseases</i> , 2020, 222, 734-745.	1.9	165
66	Comparative genomic analysis of pre-epidemic and epidemic Zika virus strains for virological factors potentially associated with the rapidly expanding epidemic. <i>Emerging Microbes and Infections</i> , 2016, 5, 1-12.	3.0	162
67	Cross-reactive antibodies in convalescent SARS patients' sera against the emerging novel human coronavirus EMC (2012) by both immunofluorescent and neutralizing antibody tests. <i>Journal of Infection</i> , 2013, 67, 130-140.	1.7	158
68	The K526R substitution in viral protein PB2 enhances the effects of E627K on influenza virus replication. <i>Nature Communications</i> , 2014, 5, 5509.	5.8	155
69	Middle East respiratory syndrome coronavirus and bat coronavirus HKU9 both can utilize GRP78 for attachment onto host cells. <i>Journal of Biological Chemistry</i> , 2018, 293, 11709-11726.	1.6	153
70	Clofazimine broadly inhibits coronaviruses including SARS-CoV-2. <i>Nature</i> , 2021, 593, 418-423.	18.7	151
71	Feline morbillivirus, a previously undescribed paramyxovirus associated with tubulointerstitial nephritis in domestic cats. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 5435-5440.	3.3	150
72	Productive replication of Middle East respiratory syndrome coronavirus in monocyte-derived dendritic cells modulates innate immune response. <i>Virology</i> , 2014, 454-455, 197-205.	1.1	149

#	ARTICLE	IF	CITATIONS
73	Is the discovery of the novel human betacoronavirus 2c EMC/2012 (HCoV-EMC) the beginning of another SARS-like pandemic?. <i>Journal of Infection</i> , 2012, 65, 477-489.	1.7	147
74	Identification of Novel Small-Molecule Inhibitors of Severe Acute Respiratory Syndrome-Associated Coronavirus by Chemical Genetics. <i>Chemistry and Biology</i> , 2004, 11, 1293-1299.	6.2	141
75	MERS coronavirus induces apoptosis in kidney and lung by upregulating Smad7 and FGF2. <i>Nature Microbiology</i> , 2016, 1, 16004.	5.9	140
76	Metallo drug ranitidine bismuth citrate suppresses SARS-CoV-2 replication and relieves virus-associated pneumonia in Syrian hamsters. <i>Nature Microbiology</i> , 2020, 5, 1439-1448.	5.9	140
77	Differential cell line susceptibility to the emerging Zika virus: implications for disease pathogenesis, non-vector-borne human transmission and animal reservoirs. <i>Emerging Microbes and Infections</i> , 2016, 5, 1-12.	3.0	139
78	A novel peptide with potent and broad-spectrum antiviral activities against multiple respiratory viruses. <i>Scientific Reports</i> , 2016, 6, 22008.	1.6	133
79	The emergence of influenza A H7N9 in human beings 16 years after influenza A H5N1: a tale of two cities. <i>Lancet Infectious Diseases</i> , 2013, 13, 809-821.	4.6	129
80	High neutralizing antibody titer in intensive care unit patients with COVID-19. <i>Emerging Microbes and Infections</i> , 2020, 9, 1664-1670.	3.0	129
81	Emerging SARS-CoV-2 variants expand species tropism to murines. <i>EBioMedicine</i> , 2021, 73, 103643.	2.7	127
82	Sensitive and Specific Monoclonal Antibody-Based Capture Enzyme Immunoassay for Detection of Nucleocapsid Antigen in Sera from Patients with Severe Acute Respiratory Syndrome. <i>Journal of Clinical Microbiology</i> , 2004, 42, 2629-2635.	1.8	126
83	Cytokine Profiles Induced by the Novel Swine Origin Influenza A/H1N1 Virus: Implications for Treatment Strategies. <i>Journal of Infectious Diseases</i> , 2010, 201, 346-353.	1.9	125
84	Intranasal Vaccination of Recombinant Adeno-Associated Virus Encoding Receptor-Binding Domain of Severe Acute Respiratory Syndrome Coronavirus (SARS-CoV) Spike Protein Induces Strong Mucosal Immune Responses and Provides Long-Term Protection against SARS-CoV Infection. <i>Journal of Immunology</i> , 2008, 180, 948-956.	0.4	124
85	Oral SARS-CoV-2 Inoculation Establishes Subclinical Respiratory Infection with Virus Shedding in Golden Syrian Hamsters. <i>Cell Reports Medicine</i> , 2020, 1, 100121.	3.3	121
86	A peptide-based viral inactivator inhibits Zika virus infection in pregnant mice and fetuses. <i>Nature Communications</i> , 2017, 8, 15672.	5.8	115
87	Pathogenicity, transmissibility, and fitness of SARS-CoV-2 Omicron in Syrian hamsters. <i>Science</i> , 2022, 377, 428-433.	6.0	113
88	Host and viral determinants for efficient SARS-CoV-2 infection of the human lung. <i>Nature Communications</i> , 2021, 12, 134.	5.8	112
89	An Animal Model of MERS Produced by Infection of Rhesus Macaques With MERS Coronavirus. <i>Journal of Infectious Diseases</i> , 2014, 209, 236-242.	1.9	111
90	Middle East respiratory syndrome coronavirus M protein suppresses type I interferon expression through the inhibition of TBK1-dependent phosphorylation of IRF3. <i>Emerging Microbes and Infections</i> , 2016, 5, 1-9.	3.0	108

#	ARTICLE	IF	CITATIONS
91	Emergence in China of human disease due to avian influenza A(H10N8) – Cause for concern?. <i>Journal of Infection</i> , 2014, 68, 205-215.	1.7	106
92	Coexistence of Different Genotypes in the Same Bat and Serological Characterization of <i>Rousettus</i> Bat Coronavirus HKU9 Belonging to a Novel <i>Betacoronavirus</i> Subgroup. <i>Journal of Virology</i> , 2010, 84, 11385-11394.	1.5	102
93	Clinical, Virological, and Histopathological Manifestations of Fatal Human Infections by Avian Influenza A(H7N9) Virus. <i>Clinical Infectious Diseases</i> , 2013, 57, 1449-1457.	2.9	102
94	Leptin Mediates the Pathogenesis of Severe 2009 Pandemic Influenza A(H1N1) Infection Associated With Cytokine Dysregulation in Mice With Diet-Induced Obesity. <i>Journal of Infectious Diseases</i> , 2013, 207, 1270-1280.	1.9	102
95	Novel antiviral activity and mechanism of bromocriptine as a Zika virus NS2B-NS3 protease inhibitor. <i>Antiviral Research</i> , 2017, 141, 29-37.	1.9	102
96	The Natural Viral Load Profile of Patients With Pandemic 2009 Influenza A(H1N1) and the Effect of Oseltamivir Treatment. <i>Chest</i> , 2010, 137, 759-768.	0.4	99
97	Quasispecies of the D225G Substitution in the Hemagglutinin of Pandemic Influenza A(H1N1) 2009 Virus from Patients with Severe Disease in Hong Kong, China. <i>Journal of Infectious Diseases</i> , 2010, 201, 1517-1521.	1.9	99
98	D225G mutation in hemagglutinin of pandemic influenza H1N1 (2009) virus enhances virulence in mice. <i>Experimental Biology and Medicine</i> , 2010, 235, 981-988.	1.1	99
99	Structure-based discovery of clinically approved drugs as Zika virus NS2B-NS3 protease inhibitors that potently inhibit Zika virus infection <i>in vitro</i> and <i>in vivo</i> . <i>Antiviral Research</i> , 2017, 145, 33-43.	1.9	99
100	Genetic relatedness of the novel human group C betacoronavirus to <i>Tylonycteris</i> bat coronavirus HKU4 and <i>Pipistrellus</i> bat coronavirus HKU5. <i>Emerging Microbes and Infections</i> , 2012, 1, 1-5.	3.0	93
101	Oseltamivir-Resistant Influenza A Pandemic (H1N1) 2009 Virus, Hong Kong, China. <i>Emerging Infectious Diseases</i> , 2009, 15, 1970-1972.	2.0	92
102	A critical role of IL-17 in modulating the B-cell response during H5N1 influenza virus infection. <i>Cellular and Molecular Immunology</i> , 2011, 8, 462-468.	4.8	88
103	Selective Activation of Type II Interferon Signaling by Zika Virus NS5 Protein. <i>Journal of Virology</i> , 2017, 91, .	1.5	88
104	Robust SARS-CoV-2 infection in nasal turbinates after treatment with systemic neutralizing antibodies. <i>Cell Host and Microbe</i> , 2021, 29, 551-563.e5.	5.1	87
105	A broad-spectrum virus- and host-targeting peptide against respiratory viruses including influenza virus and SARS-CoV-2. <i>Nature Communications</i> , 2020, 11, 4252.	5.8	86
106	Wild Type and Mutant 2009 Pandemic Influenza A (H1N1) Viruses Cause More Severe Disease and Higher Mortality in Pregnant BALB/c Mice. <i>PLoS ONE</i> , 2010, 5, e13757.	1.1	86
107	Coinfection by Severe Acute Respiratory Syndrome Coronavirus 2 and Influenza A(H1N1)pdm09 Virus Enhances the Severity of Pneumonia in Golden Syrian Hamsters. <i>Clinical Infectious Diseases</i> , 2021, 72, e978-e992.	2.9	84
108	High Titer and Avidity of Nonneutralizing Antibodies against Influenza Vaccine Antigen Are Associated with Severe Influenza. <i>Vaccine Journal</i> , 2012, 19, 1012-1018.	3.2	82

#	ARTICLE	IF	CITATIONS
109	A Functional Variation in CD55 Increases the Severity of 2009 Pandemic H1N1 Influenza A Virus Infection. <i>Journal of Infectious Diseases</i> , 2012, 206, 495-503.	1.9	79
110	Immunogenicity of Intradermal Trivalent Influenza Vaccine With Topical Imiquimod: A Double Blind Randomized Controlled Trial. <i>Clinical Infectious Diseases</i> , 2014, 59, 1246-1255.	2.9	77
111	Zika Virus Infection in Dexamethasone-immunosuppressed Mice Demonstrating Disseminated Infection with Multi-organ Involvement Including Orchitis Effectively Treated by Recombinant Type I Interferons. <i>EBioMedicine</i> , 2016, 14, 112-122.	2.7	77
112	Avian influenza A H5N1 virus: a continuous threat to humans. <i>Emerging Microbes and Infections</i> , 2012, 1, 1-12.	3.0	76
113	Cross-species transmission and emergence of novel viruses from birds. <i>Current Opinion in Virology</i> , 2015, 10, 63-69.	2.6	74
114	Development and Evaluation of Novel Real-Time Reverse Transcription-PCR Assays with Locked Nucleic Acid Probes Targeting Leader Sequences of Human-Pathogenic Coronaviruses. <i>Journal of Clinical Microbiology</i> , 2015, 53, 2722-2726.	1.8	73
115	Selective functional deficit in dendritic cell - T cell interaction is a crucial mechanism in chronic hepatitis B virus infection. <i>Journal of Viral Hepatitis</i> , 2004, 11, 217-224.	1.0	71
116	Defining the sizes of airborne particles that mediate influenza transmission in ferrets. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E2386-E2392.	3.3	71
117	Effect of Clinical and Virological Parameters on the Level of Neutralizing Antibody against Pandemic Influenza A Virus H1N1 2009. <i>Clinical Infectious Diseases</i> , 2010, 51, 274-279.	2.9	70
118	Middle East respiratory syndrome coronavirus infection: virus-host cell interactions and implications on pathogenesis. <i>Virology Journal</i> , 2015, 12, 218.	1.4	70
119	Carcinoembryonic Antigen-Related Cell Adhesion Molecule 5 Is an Important Surface Attachment Factor That Facilitates Entry of Middle East Respiratory Syndrome Coronavirus. <i>Journal of Virology</i> , 2016, 90, 9114-9127.	1.5	68
120	Rapid Spread of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Omicron Subvariant BA.2 in a Single-Source Community Outbreak. <i>Clinical Infectious Diseases</i> , 2022, 75, e44-e49.	2.9	66
121	Rhinovirus “ From bench to bedside. <i>Journal of the Formosan Medical Association</i> , 2017, 116, 496-504.	0.8	64
122	Dual-functional peptide with defective interfering genes effectively protects mice against avian and seasonal influenza. <i>Nature Communications</i> , 2018, 9, 2358.	5.8	63
123	From SARS coronavirus to novel animal and human coronaviruses. <i>Journal of Thoracic Disease</i> , 2013, 5 Suppl 2, S103-8.	0.6	63
124	Natural Transmission of Bat-like Severe Acute Respiratory Syndrome Coronavirus 2 Without Proline-Arginine-Arginine-Alanine Variants in Coronavirus Disease 2019 Patients. <i>Clinical Infectious Diseases</i> , 2021, 73, e437-e444.	2.9	62
125	An orally available Mpro inhibitor is effective against wild-type SARS-CoV-2 and variants including Omicron. <i>Nature Microbiology</i> , 2022, 7, 716-725.	5.9	62
126	Small Interfering RNA Targeting M2 Gene Induces Effective and Long Term Inhibition of Influenza A Virus Replication. <i>PLoS ONE</i> , 2009, 4, e5671.	1.1	60

#	ARTICLE	IF	CITATIONS
127	CL-385319 inhibits H5N1 avian influenza A virus infection by blocking viral entry. <i>European Journal of Pharmacology</i> , 2011, 660, 460-467.	1.7	59
128	Mycophenolic acid, an immunomodulator, has potent and broad-spectrum in vitro antiviral activity against pandemic, seasonal and avian influenza viruses affecting humans. <i>Journal of General Virology</i> , 2016, 97, 1807-1817.	1.3	59
129	The Lower Serum Immunoglobulin G2 Level in Severe Cases than in Mild Cases of Pandemic H1N1 2009 Influenza Is Associated with Cytokine Dysregulation. <i>Vaccine Journal</i> , 2011, 18, 305-310.	3.2	58
130	Competing endogenous RNA network profiling reveals novel host dependency factors required for MERS-CoV propagation. <i>Emerging Microbes and Infections</i> , 2020, 9, 733-746.	3.0	58
131	Discovery of the FDA-approved drugs bexarotene, cetilistat, diiodohydroxyquinoline, and abiraterone as potential COVID-19 treatments with a robust two-tier screening system. <i>Pharmacological Research</i> , 2020, 159, 104960.	3.1	56
132	Therapeutic efficacy of hepatitis B surface antigen antibodies-recombinant DNA composite in HBsAg transgenic mice. <i>Vaccine</i> , 2001, 19, 4219-4225.	1.7	55
133	Concurrent comparison of epidemiology, clinical presentation and outcome between adult patients suffering from the pandemic influenza A (H1N1) 2009 virus and the seasonal influenza A virus infection. <i>Postgraduate Medical Journal</i> , 2010, 86, 515-521.	0.9	55
134	Broad-Spectrum Host-Based Antivirals Targeting the Interferon and Lipogenesis Pathways as Potential Treatment Options for the Pandemic Coronavirus Disease 2019 (COVID-19). <i>Viruses</i> , 2020, 12, 628.	1.5	55
135	Isolation of H5N6, H7N9 and H9N2 avian influenza A viruses from air sampled at live poultry markets in China, 2014 and 2015. <i>Eurosurveillance</i> , 2016, 21, .	3.9	54
136	Broad-spectrum inhibition of common respiratory RNA viruses by a pyrimidine synthesis inhibitor with involvement of the host antiviral response. <i>Journal of General Virology</i> , 2017, 98, 946-954.	1.3	53
137	Generation of DelNS1 Influenza Viruses: a Strategy for Optimizing Live Attenuated Influenza Vaccines. <i>MBio</i> , 2019, 10, .	1.8	51
138	Quantification of Influenza Virus RNA in Aerosols in Patient Rooms. <i>PLoS ONE</i> , 2016, 11, e0148669.	1.1	51
139	Animal models in SARS-CoV-2 research. <i>Nature Methods</i> , 2022, 19, 392-394.	9.0	51
140	Association of candidate susceptible loci with chronic infection with hepatitis B virus in a Chinese population. <i>Journal of Medical Virology</i> , 2010, 82, 371-378.	2.5	50
141	Targeting highly pathogenic coronavirus-induced apoptosis reduces viral pathogenesis and disease severity. <i>Science Advances</i> , 2021, 7, .	4.7	48
142	Surfactant Protein B Gene Polymorphism Is Associated With Severe Influenza. <i>Chest</i> , 2014, 145, 1237-1243.	0.4	47
143	Interplay between SIRT1 and hepatitis B virus X protein in the activation of viral transcription. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2017, 1860, 491-501.	0.9	47
144	Immunization With a Novel Human Type 5 Adenovirus-Vectored Vaccine Expressing the Premembrane and Envelope Proteins of Zika Virus Provides Consistent and Sterilizing Protection in Multiple Immunocompetent and Immunocompromised Animal Models. <i>Journal of Infectious Diseases</i> , 2018, 218, 365-377.	1.9	46

#	ARTICLE	IF	CITATIONS
145	Human coronavirus dependency on host heat shock protein 90 reveals an antiviral target. <i>Emerging Microbes and Infections</i> , 2020, 9, 2663-2672.	3.0	46
146	Mutations that adapt SARS-CoV-2 to mink or ferret do not increase fitness in the human airway. <i>Cell Reports</i> , 2022, 38, 110344.	2.9	46
147	Functional variants regulating LGALS1 (Galectin 1) expression affect human susceptibility to influenza A(H7N9). <i>Scientific Reports</i> , 2015, 5, 8517.	1.6	43
148	Activation of C-Type Lectin Receptor and (RIG)-I-Like Receptors Contributes to Proinflammatory Response in Middle East Respiratory Syndrome Coronavirus-Infected Macrophages. <i>Journal of Infectious Diseases</i> , 2020, 221, 647-659.	1.9	43
149	Cross-linking peptide and repurposed drugs inhibit both entry pathways of SARS-CoV-2. <i>Nature Communications</i> , 2021, 12, 1517.	5.8	43
150	Hemagglutinin of influenza A virus binds specifically to cell surface nucleolin and plays a role in virus internalization. <i>Virology</i> , 2016, 494, 78-88.	1.1	42
151	Recombinant adeno-associated virus expressing the receptor-binding domain of severe acute respiratory syndrome coronavirus S protein elicits neutralizing antibodies: Implication for developing SARS vaccines. <i>Virology</i> , 2006, 353, 6-16.	1.1	41
152	Polymorphisms of type I interferon receptor 1 promoter and their effects on chronic hepatitis B virus infection. <i>Journal of Hepatology</i> , 2007, 46, 198-205.	1.8	41
153	Identification of a small-molecule inhibitor of influenza virus via disrupting the subunits interaction of the viral polymerase. <i>Antiviral Research</i> , 2016, 125, 34-42.	1.9	41
154	Differential immune activation profile of SARS-CoV-2 and SARS-CoV infection in human lung and intestinal cells: Implications for treatment with IFN- β and IFN inducer. <i>Journal of Infection</i> , 2020, 81, e1-e10.	1.7	41
155	SARS-CoV-2 Induces a More Robust Innate Immune Response and Replicates Less Efficiently Than SARS-CoV in the Human Intestines: An Ex Vivo Study With Implications on Pathogenesis of COVID-19. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2021, 11, 771-781.	2.3	41
156	Viruses harness Yxx Φ motif to interact with host AP2M1 for replication: A vulnerable broad-spectrum antiviral target. <i>Science Advances</i> , 2020, 6, eaba7910.	4.7	40
157	Confirmation of the First Hong Kong Case of Human Infection by Novel Swine Origin Influenza A (H1N1) Virus Diagnosed Using Ultrarapid, Real-Time Reverse Transcriptase PCR. <i>Journal of Clinical Microbiology</i> , 2009, 47, 2344-2346.	1.8	39
158	A tricyclic pyrrolbenzodiazepine produced by <i>Klebsiella oxytoca</i> is associated with cytotoxicity in antibiotic-associated hemorrhagic colitis. <i>Journal of Biological Chemistry</i> , 2017, 292, 19503-19520.	1.6	39
159	Human tryptophanyl-tRNA synthetase is an IFN- β -inducible entry factor for Enterovirus. <i>Journal of Clinical Investigation</i> , 2018, 128, 5163-5177.	3.9	39
160	Cross-Protection of Influenza A Virus Infection by a DNA Aptamer Targeting the PA Endonuclease Domain. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 4082-4093.	1.4	38
161	Human Intestinal Organoids Recapitulate Enteric Infections of Enterovirus and Coronavirus. <i>Stem Cell Reports</i> , 2021, 16, 493-504.	2.3	38
162	The impact of spike N501Y mutation on neutralizing activity and RBD binding of SARS-CoV-2 convalescent serum. <i>EBioMedicine</i> , 2021, 71, 103544.	2.7	38

#	ARTICLE	IF	CITATIONS
163	A Recombinant Vaccine of H5N1 HA1 Fused with Foldon and Human IgG Fc Induced Complete Cross-Clade Protection against Divergent H5N1 Viruses. PLoS ONE, 2011, 6, e16555.	1.1	37
164	A novel small-molecule inhibitor of influenza A virus acts by suppressing PA endonuclease activity of the viral polymerase. Scientific Reports, 2016, 6, 22880.	1.6	37
165	Monocytic MDSC mobilization promotes tumor recurrence after liver transplantation via CXCL10/TLR4/MMP14 signaling. Cell Death and Disease, 2021, 12, 489.	2.7	37
166	Identification of Major Histocompatibility Complex Class I C Molecule as an Attachment Factor That Facilitates Coronavirus HKU1 Spike-Mediated Infection. Journal of Virology, 2009, 83, 1026-1035.	1.5	35
167	Avian Influenza A H7N9 Virus Induces Severe Pneumonia in Mice without Prior Adaptation and Responds to a Combination of Zanamivir and COX-2 Inhibitor. PLoS ONE, 2014, 9, e107966.	1.1	35
168	Ebola virus disease: a highly fatal infectious disease reemerging in West Africa. Microbes and Infection, 2015, 17, 84-97.	1.0	35
169	The celecoxib derivative kinase inhibitor AR-12 (OSU-03012) inhibits Zika virus via down-regulation of the PI3K/Akt pathway and protects Zika virus-infected A129 mice: A host-targeting treatment strategy. Antiviral Research, 2018, 160, 38-47.	1.9	35
170	A non-synonymous single nucleotide polymorphism in IFNAR1 affects susceptibility to chronic hepatitis B virus infection. Journal of Viral Hepatitis, 2009, 16, 45-52.	1.0	34
171	Improved detection of Zika virus RNA in human and animal specimens by a novel, highly sensitive and specific real-time RT-PCR assay targeting the 5' untranslated region of Zika virus. Tropical Medicine and International Health, 2017, 22, 594-603.	1.0	34
172	PB2 substitutions V598T/I increase the virulence of H7N9 influenza A virus in mammals. Virology, 2017, 501, 92-101.	1.1	34
173	Antibody-Dependent Cell-Mediated Cytotoxicity Epitopes on the Hemagglutinin Head Region of Pandemic H1N1 Influenza Virus Play Detrimental Roles in H1N1-Infected Mice. Frontiers in Immunology, 2017, 8, 317.	2.2	32
174	A regulatory polymorphism in interferon- β receptor 1 promoter is associated with the susceptibility to chronic hepatitis B virus infection. Immunogenetics, 2009, 61, 423-430.	1.2	31
175	Viral lung infections. Current Opinion in Pulmonary Medicine, 2014, 20, 225-232.	1.2	31
176	A novel small-molecule compound disrupts influenza A virus PB2 cap-binding and inhibits viral replication. Journal of Antimicrobial Chemotherapy, 2016, 71, 2489-2497.	1.3	30
177	Middle East Respiratory Syndrome Coronavirus ORF8b Accessory Protein Suppresses Type I IFN Expression by Impeding HSP70-Dependent Activation of IRF3 Kinase IKK μ . Journal of Immunology, 2020, 205, 1564-1579.	0.4	30
178	SARS-CoV-2 exploits host DGAT and ADRP for efficient replication. Cell Discovery, 2021, 7, 100.	3.1	29
179	Bacillus Calmette-Guérin-induced trained immunity protects against SARS-CoV-2 challenge in K18-hACE2 mice. JCI Insight, 2022, 7, .	2.3	29
180	Functional dissection of an IFN- β receptor 1 promoter variant that confers higher risk to chronic hepatitis B virus infection. Journal of Hepatology, 2009, 51, 322-332.	1.8	28

#	ARTICLE	IF	CITATIONS
181	Use of Nasopharyngeal Aspirate for Diagnosis of Pneumocystis Pneumonia. <i>Journal of Clinical Microbiology</i> , 2013, 51, 1570-1574.	1.8	28
182	Identification of Novel Fusion Inhibitors of Influenza A Virus by Chemical Genetics. <i>Journal of Virology</i> , 2016, 90, 2690-2701.	1.5	28
183	Baloxavir treatment of ferrets infected with influenza A(H1N1)pdm09 virus reduces onward transmission. <i>PLoS Pathogens</i> , 2020, 16, e1008395.	2.1	28
184	A bipotential organoid model of respiratory epithelium recapitulates high infectivity of SARS-CoV-2 Omicron variant. <i>Cell Discovery</i> , 2022, 8, .	3.1	28
185	High Incidence of Severe Influenza among Individuals over 50 Years of Age. <i>Vaccine Journal</i> , 2011, 18, 1918-1924.	3.2	27
186	Rhinovirus respiratory tract infection in hospitalized adult patients is associated with T H 2 response irrespective of asthma. <i>Journal of Infection</i> , 2018, 76, 465-474.	1.7	27
187	Lipidomic Profiling Reveals Significant Perturbations of Intracellular Lipid Homeostasis in Enterovirus-Infected Cells. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5952.	1.8	27
188	Intranasal administration of a single dose of a candidate live attenuated vaccine derived from an NSP16-deficient SARS-CoV-2 strain confers sterilizing immunity in animals. , 2022, 19, 588-601.		27
189	Transmission of H7N9 Influenza Viruses with a Polymorphism at PB2 Residue 627 in Chickens and Ferrets. <i>Journal of Virology</i> , 2015, 89, 9939-9951.	1.5	26
190	Talaromyces marneffeii Mp1p Is a Virulence Factor that Binds and Sequesters a Key Proinflammatory Lipid to Dampen Host Innate Immune Response. <i>Cell Chemical Biology</i> , 2017, 24, 182-194.	2.5	26
191	KrÄ1/4ppel-like factor 15 activates hepatitis B virus gene expression and replication. <i>Hepatology</i> , 2011, 54, 109-121.	3.6	25
192	Host genes and influenza pathogenesis in humans: an emerging paradigm. <i>Current Opinion in Virology</i> , 2015, 14, 7-15.	2.6	25
193	Amino acid substitutions V63I or A37S/I61T/V63I/V100A in the PA N-terminal domain increase the virulence of H7N7 influenza A virus. <i>Scientific Reports</i> , 2016, 6, 37800.	1.6	25
194	Characterising viable virus from air exhaled by H1N1 influenza-infected ferrets reveals the importance of haemagglutinin stability for airborne infectivity. <i>PLoS Pathogens</i> , 2020, 16, e1008362.	2.1	25
195	Requirement of CRTCl coactivator for hepatitis B virus transcription. <i>Nucleic Acids Research</i> , 2014, 42, 12455-12468.	6.5	23
196	Evaluating the fitness of PA/I38T-substituted influenza A viruses with reduced baloxavir susceptibility in a competitive mixtures ferret model. <i>PLoS Pathogens</i> , 2021, 17, e1009527.	2.1	23
197	Favipiravir-resistant influenza A virus shows potential for transmission. <i>PLoS Pathogens</i> , 2021, 17, e1008937.	2.1	23
198	Targeting papain-like protease for broad-spectrum coronavirus inhibition. <i>Protein and Cell</i> , 2022, 13, 940-953.	4.8	23

#	ARTICLE	IF	CITATIONS
199	Host-derived lipids orchestrate pulmonary $\hat{3}\hat{1}$ T cell response to provide early protection against influenza virus infection. <i>Nature Communications</i> , 2021, 12, 1914.	5.8	22
200	Co-stimulation With TLR7 Agonist Imiquimod and Inactivated Influenza Virus Particles Promotes Mouse B Cell Activation, Differentiation, and Accelerated Antigen Specific Antibody Production. <i>Frontiers in Immunology</i> , 2018, 9, 2370.	2.2	21
201	The Management of the 2009 pandemic Influenza A H1N1 virus infection. <i>Journal of Thoracic Disease</i> , 2012, 4, 4-6.	0.6	21
202	Recombinant influenza A virus hemagglutinin HA2 subunit protects mice against influenza A(H7N9) virus infection. <i>Archives of Virology</i> , 2015, 160, 777-786.	0.9	20
203	Screening of an FDA-Approved Drug Library with a Two-Tier System Identifies an Entry Inhibitor of Severe Fever with Thrombocytopenia Syndrome Virus. <i>Viruses</i> , 2019, 11, 385.	1.5	20
204	Identification and characterization of <scp>GLDC</scp> as host susceptibility gene to severe influenza. <i>EMBO Molecular Medicine</i> , 2019, 11, .	3.3	20
205	Suboptimal Humoral Immune Response against Influenza A(H7N9) Virus Is Related to Its Internal Genes. <i>Vaccine Journal</i> , 2015, 22, 1235-1243.	3.2	19
206	Inhibitors of Influenza A Virus Polymerase. <i>ACS Infectious Diseases</i> , 2018, 4, 218-223.	1.8	19
207	Assessing the risk of downwind spread of avian influenza virus via airborne particles from an urban wholesale poultry market. <i>Building and Environment</i> , 2018, 127, 120-126.	3.0	19
208	Targeting SUMO Modification of the Non-Structural Protein 5 of Zika Virus as a Host-Targeting Antiviral Strategy. <i>International Journal of Molecular Sciences</i> , 2019, 20, 392.	1.8	19
209	Nanopore Sequencing Reveals Novel Targets for Detection and Surveillance of Human and Avian Influenza A Viruses. <i>Journal of Clinical Microbiology</i> , 2020, 58, .	1.8	19
210	Identification of a novel small-molecule compound targeting the influenza A virus polymerase PB1-PB2 interface. <i>Antiviral Research</i> , 2017, 137, 58-66.	1.9	18
211	Human H7N9 virus induces a more pronounced pro-inflammatory cytokine but an attenuated interferon response in human bronchial epithelial cells when compared with an epidemiologically-linked chicken H7N9 virus. <i>Virology Journal</i> , 2016, 13, 42.	1.4	17
212	Prostaglandin E2-Mediated Impairment of Innate Immune Response to A(H1N1)pdm09 Infection in Diet-Induced Obese Mice Could Be Restored by Paracetamol. <i>Journal of Infectious Diseases</i> , 2019, 219, 795-807.	1.9	17
213	Low Environmental Temperature Exacerbates Severe Acute Respiratory Syndrome Coronavirus 2 Infection in Golden Syrian Hamsters. <i>Clinical Infectious Diseases</i> , 2022, 75, e1101-e1111.	2.9	17
214	Fusion-inhibition peptide broadly inhibits influenza virus and SARS-CoV-2, including Delta and Omicron variants. <i>Emerging Microbes and Infections</i> , 2022, 11, 926-937.	3.0	16
215	Structural basis and sequence co-evolution analysis of the hemagglutinin protein of pandemic influenza A/H1N1 (2009) virus. <i>Experimental Biology and Medicine</i> , 2011, 236, 915-925.	1.1	15
216	Receptor binding and transmission studies of H5N1 influenza virus in mammals. <i>Emerging Microbes and Infections</i> , 2013, 2, 1-5.	3.0	15

#	ARTICLE	IF	CITATIONS
217	Comparative Transcriptomic Analysis of Rhinovirus and Influenza Virus Infection. <i>Frontiers in Microbiology</i> , 2020, 11, 1580.	1.5	15
218	Development of Three-Dimensional Human Intestinal Organoids as a Physiologically Relevant Model for Characterizing the Viral Replication Kinetics and Antiviral Susceptibility of Enteroviruses. <i>Biomedicines</i> , 2021, 9, 88.	1.4	15
219	Anti-ganglioside antibodies were not detected in human subjects infected with or vaccinated against 2009 pandemic influenza A (H1N1) virus. <i>Vaccine</i> , 2012, 30, 2605-2610.	1.7	13
220	Structure of the S1 subunit C-terminal domain from bat-derived coronavirus HKU5 spike protein. <i>Virology</i> , 2017, 507, 101-109.	1.1	13
221	Large-scale sequence analysis reveals novel human-adaptive markers in PB2 segment of seasonal influenza A viruses. <i>Emerging Microbes and Infections</i> , 2018, 7, 1-12.	3.0	13
222	A new class of Î±-ketoamide derivatives with potent anticancer and anti-SARS-CoV-2 activities. <i>European Journal of Medicinal Chemistry</i> , 2021, 215, 113267.	2.6	13
223	Novel residues in the PA protein of avian influenza H7N7 virus affect virulence in mammalian hosts. <i>Virology</i> , 2016, 498, 1-8.	1.1	12
224	Genetic analysis of H7N9 highly pathogenic avian influenza virus in Guangdong, China, 2016â€“2017. <i>Journal of Infection</i> , 2018, 76, 93-96.	1.7	12
225	STAT2-dependent restriction of Zika virus by human macrophages but not dendritic cells. <i>Emerging Microbes and Infections</i> , 2021, 10, 1024-1037.	3.0	12
226	<i>In silico</i> structure-based discovery of a SARS-CoV-2 main protease inhibitor. <i>International Journal of Biological Sciences</i> , 2021, 17, 1555-1564.	2.6	12
227	Inhaled Dry Powder Formulation of Tamibarotene, a Broadâ€‘Spectrum Antiviral against Respiratory Viruses Including SARSâ€‘CoVâ€‘2 and Influenza Virus. <i>Advanced Therapeutics</i> , 2021, 4, 2100059.	1.6	12
228	Pathogenicity of SARSâ€‘CoVâ€‘2 Omicron. <i>Clinical and Translational Medicine</i> , 2022, 12, e880.	1.7	12
229	Quantifying mechanistic traits of influenza viral dynamics using in vitro data. <i>Epidemics</i> , 2020, 33, 100406.	1.5	10
230	Interferon-gamma inhibits influenza A virus cellular attachment by reducing sialic acid cluster size. <i>IScience</i> , 2022, 25, 104037.	1.9	10
231	Metabolic Profiling Reveals Significant Perturbations of Intracellular Glucose Homeostasis in Enterovirus-Infected Cells. <i>Metabolites</i> , 2020, 10, 302.	1.3	9
232	Targeting the Inositol-Requiring Enzyme-1 Pathway Efficiently Reverts Zika Virus-Induced Neurogenesis and Spermatogenesis Marker Perturbations. <i>ACS Infectious Diseases</i> , 2020, 6, 1745-1758.	1.8	9
233	A(H1N1)pdm09 Influenza Viruses Replicating in Ferret Upper or Lower Respiratory Tract Differed in Onward Transmission Potential by Air. <i>Journal of Infectious Diseases</i> , 2022, 225, 65-74.	1.9	9
234	Peptide-Mediated Interference of PB2-eIF4G1 Interaction Inhibits Influenza A Virusesâ€™ Replication <i>In Vitro</i> and <i>In Vivo</i> . <i>ACS Infectious Diseases</i> , 2016, 2, 471-477.	1.8	8

#	ARTICLE	IF	CITATIONS
235	hnRNP C modulates MERS-CoV and SARS-CoV-2 replication by governing the expression of a subset of circRNAs and cognitive mRNAs. <i>Emerging Microbes and Infections</i> , 2022, 11, 519-531.	3.0	8
236	PExFlnS: An Integrative Post-GWAS Explorer for Functional Indels and SNPs. <i>Scientific Reports</i> , 2015, 5, 17302.	1.6	7
237	Aptamer-targeting of Aleutian mink disease virus (AMDV) can be an effective strategy to inhibit virus replication. <i>Scientific Reports</i> , 2021, 11, 4649.	1.6	7
238	A self-amplifying RNA vaccine protects against SARS-CoV-2 (D614G) and Alpha variant of concern (B.1.1.7) in a transmission-challenge hamster model. <i>Vaccine</i> , 2022, 40, 2848-2855.	1.7	7
239	A trifunctional peptide broadly inhibits SARS-CoV-2 Delta and Omicron variants in hamsters. <i>Cell Discovery</i> , 2022, 8, .	3.1	7
240	Integrated analysis of mRNA-seq and miRNA-seq for host susceptibilities to influenza A (H7N9) infection in inbred mouse lines. <i>Functional and Integrative Genomics</i> , 2018, 18, 411-424.	1.4	6
241	Intradermal vaccination of live attenuated influenza vaccine protects mice against homologous and heterologous influenza challenges. <i>Npj Vaccines</i> , 2021, 6, 95.	2.9	6
242	Establishing Human Lung Organoids and Proximal Differentiation to Generate Mature Airway Organoids. <i>Journal of Visualized Experiments</i> , 2022, , .	0.2	6
243	Early triple antiviral therapy for COVID-19 “ Authors' reply. <i>Lancet, The</i> , 2020, 396, 1488.	6.3	5
244	SPINK6 inhibits human airway serine proteases and restricts influenza virus activation. <i>EMBO Molecular Medicine</i> , 2022, 14, e14485.	3.3	5
245	Novel Mutations L228I and Y232H Cause Nonnucleoside Reverse Transcriptase Inhibitor Resistance in Combinational Pattern. <i>AIDS Research and Human Retroviruses</i> , 2016, 32, 909-917.	0.5	4
246	Establishment of a lethal aged mouse model of human respiratory syncytial virus infection. <i>Antiviral Research</i> , 2019, 161, 125-133.	1.9	4
247	Rock1 is a novel host dependency factor of human enterovirus A71: Implication as a drug target. <i>Journal of Medical Virology</i> , 0, , .	2.5	4
248	Prioritizing genes responsible for host resistance to influenza using network approaches. <i>BMC Genomics</i> , 2013, 14, 816.	1.2	3
249	A novel partial lid for mechanical defeatherers reduced aerosol dispersion during processing of avian influenza virus infected poultry. <i>PLoS ONE</i> , 2019, 14, e0216478.	1.1	3
250	Severe fever with thrombocytopenia syndrome virus (SFTSV)-host interactome screen identifies viral nucleoprotein-associated host factors as potential antiviral targets. <i>Computational and Structural Biotechnology Journal</i> , 2021, 19, 5568-5577.	1.9	3
251	Response to Evidence in favor of the essentiality of human cell membrane-bound ACE2 and against soluble ACE2 for SARS-CoV-2 infectivity. <i>Cell</i> , 2022, 185, 1840-1841.	13.5	3
252	Broad-spectrum Respiratory Virus Entry Inhibitors. <i>Advances in Experimental Medicine and Biology</i> , 2022, 1366, 137-153.	0.8	2

#	ARTICLE	IF	CITATIONS
253	Complete Genome Sequences of One Human Respiratory Syncytial Antigenic Group A Virus from China and Its Four Mouse-Adapted Isolates. <i>Genome Announcements</i> , 2015, 3, .	0.8	1
254	In Silico Structure-Based Design of Antiviral Peptides Targeting the Severe Fever with Thrombocytopenia Syndrome Virus Glycoprotein Gn. <i>Viruses</i> , 2021, 13, 2047.	1.5	0
255	Title is missing!., 2020, 16, e1008395.		0
256	Title is missing!., 2020, 16, e1008395.		0
257	Title is missing!., 2020, 16, e1008395.		0
258	Title is missing!., 2020, 16, e1008395.		0