

# Jie Zhou

## List of Publications by Year in descending order

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258  
papers

72,881  
citations

2675

95  
h-index

736

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.	27.0	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.	13.7	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.	9.1	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.	6.5	2,389
5	Coronaviruses “ drug discovery and therapeutic options. <i>Nature Reviews Drug Discovery</i> , 2016, 15, 327-347.	46.4	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.	7.1	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.	3.4	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.	13.7	1,244
9	Avian Influenza A (H5N1) Infection in Humans. <i>New England Journal of Medicine</i> , 2005, 353, 1374-1385.	27.0	1,235
10	SARS-CoV-2 B.1.617.2 Delta variant replication and immune evasion. <i>Nature</i> , 2021, 599, 114-119.	27.8	1,041
11	Striking antibody evasion manifested by the Omicron variant of SARS-CoV-2. <i>Nature</i> , 2022, 602, 676-681.	27.8	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.	5.8	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.	13.7	781
14	Improved Molecular Diagnosis of COVID-19 by the Novel, Highly Sensitive and Specific COVID-19-RdRp/Hel Real-Time Reverse Transcription-PCR Assay Validated <i>In Vitro</i> and with Clinical Specimens. <i>Journal of Clinical Microbiology</i> , 2020, 58, .	3.9	780
15	Middle East Respiratory Syndrome Coronavirus: Another Zoonotic Betacoronavirus Causing SARS-Like Disease. <i>Clinical Microbiology Reviews</i> , 2015, 28, 465-522.	13.6	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.	7.3	683
17	Discovery of SARS-CoV-2 antiviral drugs through large-scale compound repurposing. <i>Nature</i> , 2020, 586, 113-119.	27.8	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.	5.8	596

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19	Treatment With Lopinavir/Ritonavir or Interferon- $\beta$ Improves Outcome of MERS-CoV Infection in a Nonhuman Primate Model of Common Marmoset. <i>Journal of Infectious Diseases</i> , 2015, 212, 1904-1913.	4.0	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.	5.8	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.	13.3	556
22	Coronavirus Diversity, Phylogeny and Interspecies Jumping. <i>Experimental Biology and Medicine</i> , 2009, 234, 1117-1127.	2.4	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.	5.8	501
24	Interspecies transmission and emergence of novel viruses: lessons from bats and birds. <i>Trends in Microbiology</i> , 2013, 21, 544-555.	7.7	461
25	Attenuated replication and pathogenicity of SARS-CoV-2 B.1.1.529 Omicron. <i>Nature</i> , 2022, 603, 693-699.	27.8	460
26	Infection of bat and human intestinal organoids by SARS-CoV-2. <i>Nature Medicine</i> , 2020, 26, 1077-1083.	30.7	441
27	Crystal structure of an avian influenza polymerase PAN reveals an endonuclease active site. <i>Nature</i> , 2009, 458, 909-913.	27.8	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.	0.5	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.	5.8	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.	3.4	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.	4.0	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.	4.0	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.	12.8	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.	2.9	347
35	Structure-based discovery of Middle East respiratory syndrome coronavirus fusion inhibitor. <i>Nature Communications</i> , 2014, 5, 3067.	12.8	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.	5.8	322

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37	Human intestinal tract serves as an alternative infection route for Middle East respiratory syndrome coronavirus. <i>Science Advances</i> , 2017, 3, eaao4966.	10.3	317
38	Broad-spectrum antivirals for the emerging Middle East respiratory syndrome coronavirus. <i>Journal of Infection</i> , 2013, 67, 606-616.	3.3	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.	6.5	308
40	Safety, tolerability and viral kinetics during SARS-CoV-2 human challenge in young adults. <i>Nature Medicine</i> , 2022, 28, 1031-1041.	30.7	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.	7.1	280
42	Hyperimmune IV Immunoglobulin Treatment. <i>Chest</i> , 2013, 144, 464-473.	0.8	269
43	Severe Acute Respiratory Syndrome Coronavirus M Protein Inhibits Type I Interferon Production by Impeding the Formation of TRAF3-TANK-TBK1/IKK $\mu$ Complex. <i>Journal of Biological Chemistry</i> , 2009, 284, 16202-16209.	3.4	261
44	Crystal structure of the polymerase PB1N complex from an avian influenza H5N1 virus. <i>Nature</i> , 2008, 454, 1123-1126.	27.8	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.	3.4	242
46	Identification of influenza A nucleoprotein as an antiviral target. <i>Nature Biotechnology</i> , 2010, 28, 600-605.	17.5	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.	3.4	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.	3.3	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.	5.8	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.	3.4	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.	28.9	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.	2.9	215
53	Zika fever and congenital Zika syndrome: An unexpected emerging arboviral disease. <i>Journal of Infection</i> , 2016, 72, 507-524.	3.3	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.	7.1	215

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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.	3.4	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.	6.5	202
57	Viral load in patients infected with pandemic H1N1 2009 influenza A virus. <i>Journal of Medical Virology</i> , 2010, 82, 1-7.	5.0	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.	4.0	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.	12.4	194
60	SREBP-dependent lipidomic reprogramming as a broad-spectrum antiviral target. <i>Nature Communications</i> , 2019, 10, 120.	12.8	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.	3.4	188
62	Two Years after Pandemic Influenza A/2009/H1N1: What Have We Learned?. <i>Clinical Microbiology Reviews</i> , 2012, 25, 223-263.	13.6	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.	3.4	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.	4.0	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.	4.0	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.	6.5	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.	3.3	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.	12.8	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.	3.4	153
70	Clofazimine broadly inhibits coronaviruses including SARS-CoV-2. <i>Nature</i> , 2021, 593, 418-423.	27.8	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.	7.1	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.	2.4	149

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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.	3.3	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.	6.0	141
75	MERS coronavirus induces apoptosis in kidney and lung by upregulating Smad7 and FGF2. <i>Nature Microbiology</i> , 2016, 1, 16004.	13.3	140
76	Metalloid 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.	13.3	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.	6.5	139
78	A novel peptide with potent and broad-spectrum antiviral activities against multiple respiratory viruses. <i>Scientific Reports</i> , 2016, 6, 22008.	3.3	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> , The, 2013, 13, 809-821.	9.1	129
80	High neutralizing antibody titer in intensive care unit patients with COVID-19. <i>Emerging Microbes and Infections</i> , 2020, 9, 1664-1670.	6.5	129
81	Emerging SARS-CoV-2 variants expand species tropism to murines. <i>EBioMedicine</i> , 2021, 73, 103643.	6.1	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.	3.9	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.	4.0	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.	0.8	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.	6.5	121
86	A peptide-based viral inactivator inhibits Zika virus infection in pregnant mice and fetuses. <i>Nature Communications</i> , 2017, 8, 15672.	12.8	115
87	Pathogenicity, transmissibility, and fitness of SARS-CoV-2 Omicron in Syrian hamsters. <i>Science</i> , 2022, 377, 428-433.	12.6	113
88	Host and viral determinants for efficient SARS-CoV-2 infection of the human lung. <i>Nature Communications</i> , 2021, 12, 134.	12.8	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.	4.0	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.	6.5	108

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91	Emergence in China of human disease due to avian influenza A(H10N8) – Cause for concern?. Journal of Infection, 2014, 68, 205-215.	3.3	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. Journal of Virology, 2010, 84, 11385-11394.	3.4	102
93	Clinical, Virological, and Histopathological Manifestations of Fatal Human Infections by Avian Influenza A(H7N9) Virus. Clinical Infectious Diseases, 2013, 57, 1449-1457.	5.8	102
94	Leptin Mediates the Pathogenesis of Severe 2009 Pandemic Influenza A(H1N1) Infection Associated With Cytokine Dysregulation in Mice With Diet-Induced Obesity. Journal of Infectious Diseases, 2013, 207, 1270-1280.	4.0	102
95	Novel antiviral activity and mechanism of bromocriptine as a Zika virus NS2B-NS3 protease inhibitor. Antiviral Research, 2017, 141, 29-37.	4.1	102
96	The Natural Viral Load Profile of Patients With Pandemic 2009 Influenza A(H1N1) and the Effect of Oseltamivir Treatment. Chest, 2010, 137, 759-768.	0.8	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. Journal of Infectious Diseases, 2010, 201, 1517-1521.	4.0	99
98	D225G mutation in hemagglutinin of pandemic influenza H1N1 (2009) virus enhances virulence in mice. Experimental Biology and Medicine, 2010, 235, 981-988.	2.4	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> . Antiviral Research, 2017, 145, 33-43.	4.1	99
100	Genetic relatedness of the novel human group C betacoronavirus to <i>Tylosyntheris</i> bat coronavirus HKU4 and <i>Pipistrellus</i> bat coronavirus HKU5. Emerging Microbes and Infections, 2012, 1, 1-5.	6.5	93
101	Oseltamivir-Resistant Influenza A Pandemic (H1N1) 2009 Virus, Hong Kong, China. Emerging Infectious Diseases, 2009, 15, 1970-1972.	4.3	92
102	A critical role of IL-17 in modulating the B-cell response during H5N1 influenza virus infection. Cellular and Molecular Immunology, 2011, 8, 462-468.	10.5	88
103	Selective Activation of Type II Interferon Signaling by Zika Virus NS5 Protein. Journal of Virology, 2017, 91, .	3.4	88
104	Robust SARS-CoV-2 infection in nasal turbinates after treatment with systemic neutralizing antibodies. Cell Host and Microbe, 2021, 29, 551-563.e5.	11.0	87
105	A broad-spectrum virus- and host-targeting peptide against respiratory viruses including influenza virus and SARS-CoV-2. Nature Communications, 2020, 11, 4252.	12.8	86
106	Wild Type and Mutant 2009 Pandemic Influenza A (H1N1) Viruses Cause More Severe Disease and Higher Mortality in Pregnant BALB/c Mice. PLoS ONE, 2010, 5, e13757.	2.5	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. Clinical Infectious Diseases, 2021, 72, e978-e992.	5.8	84
108	High Titer and Avidity of Nonneutralizing Antibodies against Influenza Vaccine Antigen Are Associated with Severe Influenza. Vaccine Journal, 2012, 19, 1012-1018.	3.1	82



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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.	4.0	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.	5.8	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.	6.1	77
112	Avian influenza A H5N1 virus: a continuous threat to humans. <i>Emerging Microbes and Infections</i> , 2012, 1, 1-12.	6.5	76
113	Cross-species transmission and emergence of novel viruses from birds. <i>Current Opinion in Virology</i> , 2015, 10, 63-69.	5.4	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.	3.9	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.	2.0	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.	7.1	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.	5.8	70
118	Middle East respiratory syndrome coronavirus infection: virus-host cell interactions and implications on pathogenesis. <i>Virology Journal</i> , 2015, 12, 218.	3.4	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.	3.4	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.	5.8	66
121	Rhinovirus “From bench to bedside. <i>Journal of the Formosan Medical Association</i> , 2017, 116, 496-504.	1.7	64
122	Dual-functional peptide with defective interfering genes effectively protects mice against avian and seasonal influenza. <i>Nature Communications</i> , 2018, 9, 2358.	12.8	63
123	From SARS coronavirus to novel animal and human coronaviruses. <i>Journal of Thoracic Disease</i> , 2013, 5 Suppl 2, S103-8.	1.4	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.	5.8	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.	13.3	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.	2.5	60



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127	CL-385319 inhibits H5N1 avian influenza A virus infection by blocking viral entry. <i>European Journal of Pharmacology</i> , 2011, 660, 460-467.	3.5	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.	2.9	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.	3.1	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.	6.5	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.	7.1	56
132	Therapeutic efficacy of hepatitis B surface antigen-antibodies-recombinant DNA composite in HBsAg transgenic mice. <i>Vaccine</i> , 2001, 19, 4219-4225.	3.8	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.	1.8	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.	3.3	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, .	7.0	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.	2.9	53
137	Generation of DelNS1 Influenza Viruses: a Strategy for Optimizing Live Attenuated Influenza Vaccines. <i>MBio</i> , 2019, 10, .	4.1	51
138	Quantification of Influenza Virus RNA in Aerosols in Patient Rooms. <i>PLoS ONE</i> , 2016, 11, e0148669.	2.5	51
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