George F Gao

List of Publications by Year
in descending order

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546 papers	97,721 citations	2311 98 h-index	326 287 g-index
570 all docs	570 docs citations	570 times ranked	113512 citing authors

#	Article	IF	Citations
1	A Novel Coronavirus from Patients with Pneumonia in China, 2019. New England Journal of Medicine, 2020, 382, 727-733.	13.9	21,542
2	Early Transmission Dynamics in Wuhan, China, of Novel Coronavirusâ€“Infected Pneumonia. New England Journal of Medicine, 2020, 382, 1199-1207.	13.9	12,326
3	Genomic characterisation and epidemiology of 2019 novel coronavirus: implications for virus origins and receptor binding. Lancet, The, 2020, 395, 565-574.	6.3	9,430
4	A novel coronavirus outbreak of global health concern. Lancet, The, 2020, 395, 470-473.	6.3	5,656
5	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	4.3	3,122
6	Epidemiology, Genetic Recombination, and Pathogenesis of Coronaviruses. Trends in Microbiology, 2016, 24, 490-502.	3.5	2,243
7	Human Infection with a Novel Avian-Origin Influenza A (H7N9) Virus. New England Journal of Medicine, 2013, 368, 1888-1897.	13.9	2,122
8	A human neutralizing antibody targets the receptor-binding site of SARS-CoV-2. Nature, 2020, 584, 120-124.	13.7	1,237
9	A noncompeting pair of human neutralizing antibodies block COVID-19 virus binding to its receptor ACE2. Science, 2020, 368, 1274-1278.	6.0	964
10	Safety and immunogenicity of an inactivated SARS-CoV-2 vaccine, BBIBP-CorV: a randomised, double-blind, placebo-controlled, phase 1/2 trial. Lancet Infectious Diseases, The, 2021, 21, 39-51.	4.6	923
11	The crystal structures of severe acute respiratory syndrome virus main protease and its complex with an inhibitor. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 13190-13195.	3.3	879
12	Viral targets for vaccines against COVID-19. Nature Reviews Immunology, 2021, 21, 73-82.	10.6	832
13	Highly Pathogenic H5N1 Influenza Virus Infection in Migratory Birds. Science, 2005, 309, 1206-1206.	6.0	671
14	Standardized assays for determining the catalytic activity and kinetics of peroxidase-like nanozymes. Nature Protocols, 2018, 13, 1506-1520.	5.5	654
15	Cryo-EM structures of MERS-CoV and SARS-CoV spike glycoproteins reveal the dynamic receptor binding domains. Nature Communications, 2017, 8, 15092.	5.8	649
16	Development of an Inactivated Vaccine Candidate, BBIBP-CorV, with Potent Protection against SARS-CoV-2. Cell, 2020, 182, 713-721.e9.	13.5	639
17	Metagenome-wide analysis of antibiotic resistance genes in a large cohort of human gut microbiota. Nature Communications, 2013, 4, 2151.	5.8	606
18	Molecular basis of binding between novel human coronavirus MERS-CoV and its receptor CD26. Nature, 2013, 500, 227-231.	13.7	582

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19	Plasma IP-10 and MCP-3 levels are highly associated with disease severity and predict the progression of COVID-19. Journal of Allergy and Clinical Immunology, 2020, 146, 119-127.e4.	1.5	553
20	Clinical and epidemiological characteristics of a fatal case of avian influenza A H10N8 virus infection: a descriptive study. Lancet, The, 2014, 383, 714-721.	6.3	533
21	Bat-to-human: spike features determining â€˜host jumpâ€™ of coronaviruses SARS-CoV, MERS-CoV, and beyond. Trends in Microbiology, 2015, 23, 468-478.	3.5	521
22	Origin and diversity of novel avian influenza A H7N9 viruses causing human infection: phylogenetic, structural, and coalescent analyses. Lancet, The, 2013, 381, 1926-1932.	6.3	516
23	A Novel Coronavirus Genome Identified in a Cluster of Pneumonia Cases â€” Wuhan, China 2019â€“2020. China CDC Weekly, 2020, 2, 61-62.	1.0	510
24	Crystal structure of the complex between human CD8Î±Î± and HLA-A2. Nature, 1997, 387, 630-634.	13.7	428
25	Structures of the Zika Virus Envelope Protein and Its Complex with a Flavivirus Broadly Protective Antibody. Cell Host and Microbe, 2016, 19, 696-704.	5.1	426
26	A Universal Design of Betacoronavirus Vaccines against COVID-19, MERS, and SARS. Cell, 2020, 182, 722-733.e11.	13.5	412
27	Both Boceprevir and GC376 efficaciously inhibit SARS-CoV-2 by targeting its main protease. Nature Communications, 2020, 11, 4417.	5.8	394
28	Receptor binding and complex structures of human ACE2 to spike RBD from omicron and delta SARS-CoV-2. Cell, 2022, 185, 630-640.e10.	13.5	358
29	Virus genomes reveal factors that spread and sustained the Ebola epidemic. Nature, 2017, 544, 309-315.	13.7	346
30	Safety and immunogenicity of a recombinant tandem-repeat dimeric RBD-based protein subunit vaccine (ZF2001) against COVID-19 in adults: two randomised, double-blind, placebo-controlled, phase 1 and 2 trials. Lancet Infectious Diseases, The, 2021, 21, 1107-1119.	4.6	345
31	Biological features of novel avian influenza A (H7N9) virus. Nature, 2013, 499, 500-503.	13.7	340
32	Zika Virus Causes Testis Damage and Leads to Male Infertility in Mice. Cell, 2016, 167, 1511-1524.e10.	13.5	331
33	Nanozyme-strip for rapid local diagnosis of Ebola. Biosensors and Bioelectronics, 2015, 74, 134-141.	5.3	320
34	T-cell immunity of SARS-CoV: Implications for vaccine development against MERS-CoV. Antiviral Research, 2017, 137, 82-92.	1.9	314
35	NRAV, a Long Noncoding RNA, Modulates Antiviral Responses through Suppression of Interferon-Stimulated Gene Transcription. Cell Host and Microbe, 2014, 16, 616-626.	5.1	313
36	A distinct name is needed for the new coronavirus. Lancet, The, 2020, 395, 949.	6.3	312

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37	Single-Cell Sequencing of Peripheral Mononuclear Cells Reveals Distinct Immune Response Landscapes of COVID-19 and Influenza Patients. Immunity, 2020, 53, 685-696.e3.	6.6	299
38	MERS, SARS, and Ebola: The Role of Super-Spreaders in Infectious Disease. Cell Host and Microbe, 2015, 18, 398-401.	5.1	296
39	Duck Egg-Drop Syndrome Caused by BYD Virus, a New Tembusu-Related Flavivirus. PLoS ONE, 2011, 6, e18106.	1.1	296
40	Taxonomy of the order Bunyavirales: update 2019. Archives of Virology, 2019, 164, 1949-1965.	0.9	285
41	Bat-derived influenza-like viruses H17N10 and H18N11. Trends in Microbiology, 2014, 22, 183-191.	3.5	270
42	Structural Insights into the Niemann-Pick C1 (NPC1)-Mediated Cholesterol Transfer and Ebola Infection. Cell, 2016, 165, 1467-1478.	13.5	266
43	The Bacterial Mobile Resistome Transfer Network Connecting the Animal and Human Microbiomes. Applied and Environmental Microbiology, 2016, 82, 6672-6681.	1.4	258
44	Genesis, Evolution and Prevalence of H5N6 Avian Influenza Viruses in China. Cell Host and Microbe, 2016, 20, 810-821.	5.1	257
45	Bat Origins of MERS-CoV Supported by Bat Coronavirus HKU4ÂUsage of Human Receptor CD26. Cell Host and Microbe, 2014, 16, 328-337.	5.1	252
46	Epidemiology of avian influenza A H7N9 virus in human beings across five epidemics in mainland China, 2013â€“17: an epidemiological study of laboratory-confirmed case series. Lancet Infectious Diseases, The, 2017, 17, 822-832.	4.6	251
47	The emergence, genomic diversity and global spread of SARS-CoV-2. Nature, 2021, 600, 408-418.	13.7	249
48	Active case finding with case management: the key to tackling the COVID-19 pandemic. Lancet, The, 2020, 396, 63-70.	6.3	246
49	Structures and Receptor Binding of Hemagglutinins from Human-Infecting H7N9 Influenza Viruses. Science, 2013, 342, 243-247.	6.0	237
50	Ebola Viral Glycoprotein Bound to Its Endosomal Receptor Niemann-Pick C1. Cell, 2016, 164, 258-268.	13.5	226
51	Melatonin alleviates acute lung injury through inhibiting the NLRP3 inflammasome. Journal of Pineal Research, 2016, 60, 405-414.	3.4	219
52	Structural and Biochemical Characterization of the nsp12-nsp7-nsp8 Core Polymerase Complex from SARS-CoV-2. Cell Reports, 2020, 31, 107774.	2.9	216
53	Enabling the 'host jump': structural determinants of receptor-binding specificity in influenza A viruses. Nature Reviews Microbiology, 2014, 12, 822-831.	13.6	213
54	Epidemiology, Evolution, and Recent Outbreaks of Avian Influenza Virus in China. Journal of Virology, 2015, 89, 8671-8676.	1.5	212

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55	Global epidemiology of avian influenza A H5N1 virus infection in humans, 1997â€“2015: a systematic review of individual case data. Lancet Infectious Diseases, The, 2016, 16, e108-e118.	4.6	201
56	From â€œAâ€IV to â€œZâ€IKV: Attacks from Emerging and Re-emerging Pathogens. Cell, 2018, 172, 1157-1159.	13.5	201
57	Epidemiology, Evolution, and Pathogenesis of H7N9 Influenza Viruses in Five Epidemic Waves since 2013 in China. Trends in Microbiology, 2017, 25, 713-728.	3.5	199
58	Structures of the <scp>SARS</scp> â€CoVâ€2 nucleocapsid and their perspectives for drug design. EMBO Journal, 2020, 39, e105938.	3.5	198
59	Prevalent Eurasian avian-like H1N1 swine influenza virus with 2009 pandemic viral genes facilitating human infection. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 17204-17210.	3.3	195
60	Molecular determinants of human neutralizing antibodies isolated from a patient infected with Zika virus. Science Translational Medicine, 2016, 8, 369ra179.	5.8	194
61	An unexpected N-terminal loop in PD-1 dominates binding by nivolumab. Nature Communications, 2017, 8, 14369.	5.8	192
62	Crystal Structure of Severe Acute Respiratory Syndrome Coronavirus Spike Protein Fusion Core. Journal of Biological Chemistry, 2004, 279, 49414-49419.	1.6	179
63	Zika virus NS1 structure reveals diversity of electrostatic surfaces among flaviviruses. Nature Structural and Molecular Biology, 2016, 23, 456-458.	3.6	165
64	Cold-chain transportation in the frozen food industry may have caused a recurrence of COVID-19 cases in destination: Successful isolation of SARS-CoV-2 virus from the imported frozen cod package surface. Biosafety and Health, 2020, 2, 199-201.	1.2	162
65	Immune suppression in the early stage of COVID-19 disease. Nature Communications, 2020, 11, 5859.	5.8	161
66	The 2009 pandemic H1N1 neuraminidase N1 lacks the 150-cavity in its active site. Nature Structural and Molecular Biology, 2010, 17, 1266-1268.	3.6	160
67	Dissemination of the mcr-1 colistin resistance gene. Lancet Infectious Diseases, The, 2016, 16, 146-147.	4.6	155
68	Mycobacterium tuberculosis suppresses innate immunity by coopting the host ubiquitin system. Nature Immunology, 2015, 16, 237-245.	7.0	154
69	Middle East respiratory syndrome coronavirus and bat coronavirus HKU9 both can utilize GRP78 for attachment onto host cells. Journal of Biological Chemistry, 2018, 293, 11709-11726.	1.6	153
70	Genetic diversity and evolutionary dynamics of Ebola virus in Sierra Leone. Nature, 2015, 524, 93-96.	13.7	150
71	Impact of COVID-19 outbreaks and interventions on influenza in China and the United States. Nature Communications, 2021, 12, 3249.	5.8	148
72	Safety and immunogenicity of an inactivated COVID-19 vaccine, BBIBP-CorV, in people younger than 18 years: a randomised, double-blind, controlled, phase 1/2 trial. Lancet Infectious Diseases, The, 2022, 22, 196-208.	4.6	147

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73	Efficacy and Safety of the RBD-Dimerâ€“Based Covid-19 Vaccine ZF2001 in Adults. New England Journal of Medicine, 2022, 386, 2097-2111.	13.9	147
74	Dynamic reassortments and genetic heterogeneity of the human-infecting influenza A (H7N9) virus. Nature Communications, 2014, 5, 3142.	5.8	145
75	Structure of the Fusion Core and Inhibition of Fusion by a Heptad Repeat Peptide Derived from the S Protein of Middle East Respiratory Syndrome Coronavirus. Journal of Virology, 2013, 87, 13134-13140.	1.5	144
76	Human infections with recently-emerging highly pathogenic H7N9 avian influenza virus in China. Journal of Infection, 2017, 75, 71-75.	1.7	143
77	Tumor cell-intrinsic PD-1 receptor is a tumor suppressor and mediates resistance to PD-1 blockade therapy. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 6640-6650.	3.3	141
78	Angiotensin II plasma levels are linked to disease severity and predict fatal outcomes in H7N9-infected patients. Nature Communications, 2014, 5, 3595.	5.8	137
79	A humanized neutralizing antibody against MERS-CoV targeting the receptor-binding domain of the spike protein. Cell Research, 2015, 25, 1237-1249.	5.7	137
80	Molecular interactions of coreceptor CD8 and MHC class I: the molecular basis for functional coordination with the T-cell receptor. Trends in Immunology, 2000, 21, 630-636.	7.5	135
81	Live-Animal Markets and Influenza A (H7N9) Virus Infection. New England Journal of Medicine, 2013, 368, 2337-2339.	13.9	133
82	Broad host range of SARS-CoV-2 and the molecular basis for SARS-CoV-2 binding to cat ACE2. Cell Discovery, 2020, 6, 68.	3.1	132
83	A Novel Coronavirus Genome Identified in a Cluster of Pneumonia Cases - Wuhan, China 2019-2020. China CDC Weekly, 2020, 2, 61-62.	1.0	130
84	Contribution of intertwined loop to membrane association revealed by Zika virus fullâ€length <scp>NS</scp>1 structure. EMBO Journal, 2016, 35, 2170-2178.	3.5	126
85	A potent broad-spectrum protective human monoclonal antibody crosslinking two haemagglutinin monomers of influenza A virus. Nature Communications, 2015, 6, 7708.	5.8	124
86	Novel Immunodominant Peptide Presentation Strategy: a Featured HLA-A*2402-Restricted Cytotoxic T-Lymphocyte Epitope Stabilized by Intrachain Hydrogen Bonds from Severe Acute Respiratory Syndrome Coronavirus Nucleocapsid Protein. Journal of Virology, 2010, 84, 11849-11857.	1.5	122
87	Diversified mcr-1 -Harbouring Plasmid Reservoirs Confer Resistance to Colistin in Human Gut Microbiota. MBio, 2016, 7, e00177.	1.8	121
88	Characterization of a 2016 Clinical Isolate of Zika Virus in Non-human Primates. EBioMedicine, 2016, 12, 170-177.	2.7	118
89	Cell entry by SARS-CoV-2. Trends in Biochemical Sciences, 2021, 46, 848-860.	3.7	118
90	Molecular insights into receptor binding of recent emerging SARS-CoV-2 variants. Nature Communications, 2021, 12, 6103.	5.8	117

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91	Structural basis of anti-PD-L1 monoclonal antibody avelumab for tumor therapy. Cell Research, 2017, 27, 151-153.	5.7	116
92	The Membrane Protein of Severe Acute Respiratory Syndrome Coronavirus Acts as a Dominant Immunogen Revealed by a Clustering Region of Novel Functionally and Structurally Defined Cytotoxic Tâ€Łymphocyte Epitopes. Journal of Infectious Diseases, 2010, 202, 1171-1180.	1.9	114
93	Poultry carrying H9N2 act as incubators for novel human avian influenza viruses. Lancet, The, 2014, 383, 869.	6.3	113
94	A Mycobacterium tuberculosis surface protein recruits ubiquitin to trigger host xenophagy. Nature Communications, 2019, 10, 1973.	5.8	113
95	Cryo-EM Structure of the African Swine Fever Virus. Cell Host and Microbe, 2019, 26, 836-843.e3.	5.1	113
96	Influenza viral neuraminidase primes bacterial coinfection through TGF-Î²â€“mediated expression of host cell receptors. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 238-243.	3.3	110
97	Metagenomic analysis reveals the microbiome and resistome in migratory birds. Microbiome, 2020, 8, 26.	4.9	109
98	Molecular coordination of Î±Î² T-cell receptors and coreceptors CD8 and CD4 in their recognition of peptide-MHC ligands. Trends in Immunology, 2002, 23, 408-413.	2.9	107
99	An Airborne Transmissible Avian Influenza H5 Hemagglutinin Seen at the Atomic Level. Science, 2013, 340, 1463-1467.	6.0	107
100	The crystal structure of Zika virus <scp>NS</scp> 5 reveals conserved drug targets. EMBO Journal, 2017, 36, 919-933.	3.5	107
101	Distinct PD-L1 binding characteristics of therapeutic monoclonal antibody durvalumab. Protein and Cell, 2018, 9, 135-139.	4.8	107
102	Screening and Identification of Severe Acute Respiratory Syndrome-Associated Coronavirus-Specific CTL Epitopes. Journal of Immunology, 2006, 177, 2138-2145.	0.4	106
103	Etiological and epidemiological features of acute respiratory infections in China. Nature Communications, 2021, 12, 5026.	5.8	106
104	Early Detection of Severe Acute Respiratory Syndrome Coronavirus 2 Antibodies as a Serologic Marker of Infection in Patients With Coronavirus Disease 2019. Clinical Infectious Diseases, 2020, 71, 2066-2072.	2.9	105
105	Genomic and antigenic characterization of the newly emerging Chinese duck egg-drop syndrome flavivirus: genomic comparison with Tembusu and Sitiawan viruses. Journal of General Virology, 2012, 93, 2158-2170.	1.3	103
106	Recombinant Receptor Binding Domain Protein Induces Partial Protective Immunity in Rhesus Macaques Against Middle East Respiratory Syndrome Coronavirus Challenge. EBioMedicine, 2015, 2, 1438-1446.	2.7	102
107	CD8 ⁺ T Cell Immune Response in Immunocompetent Mice during Zika Virus Infection. Journal of Virology, 2017, 91, .	1.5	102
108	H5N1 avian influenza re-emergence of Lake Qinghai: phylogenetic and antigenic analyses of the newly isolated viruses and roles of migratory birds in virus circulation. Journal of General Virology, 2008, 89, 697-702.	1.3	100

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109	Binding and molecular basis of the bat coronavirus RaTG13 virus to ACE2 in humans and other species. Cell, 2021, 184, 3438-3451.e10.	13.5	100
110	Emergence and Adaptation of a Novel Highly Pathogenic H7N9 Influenza Virus in Birds and Humans from a 2013 Human-Infecting Low-Pathogenic Ancestor. Journal of Virology, 2018, 92, .	1.5	99
111	Following the rule: formation of the 6-helix bundle of the fusion core from severe acute respiratory syndrome coronavirus spike protein and identification of potent peptide inhibitors. Biochemical and Biophysical Research Communications, 2004, 319, 283-288.	1.0	98
112	Structural Biology of the Zika Virus. Trends in Biochemical Sciences, 2017, 42, 443-456.	3.7	98
113	Structures of phlebovirus glycoprotein Gn and identification of a neutralizing antibody epitope. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E7564-E7573.	3.3	98
114	Crystal Structure of the Capsid Protein from Zika Virus. Journal of Molecular Biology, 2018, 430, 948-962.	2.0	98
115	Insights into battles between Mycobacterium tuberculosis and macrophages. Protein and Cell, 2014, 5, 728-736.	4.8	97
116	Structural basis of human ACE2 higher binding affinity to currently circulating Omicron SARS-CoV-2 sub-variants BA.2 and BA.1.1. Cell, 2022, 185, 2952-2960.e10.	13.5	96
117	Suppression of Interferon Lambda Signaling by SOCS-1 Results in Their Excessive Production during Influenza Virus Infection. PLoS Pathogens, 2014, 10, e1003845.	2.1	95
118	Crystal structure of the swine-origin A (H1N1)-2009 influenza A virus hemagglutinin (HA) reveals similar antigenicity to that of the 1918 pandemic virus. Protein and Cell, 2010, 1, 459-467.	4.8	94
119	Human Infection with Influenza Virus A(H10N8) from Live Poultry Markets, China, 2014. Emerging Infectious Diseases, 2014, 20, 2076-9.	2.0	94
120	MERS-CoV spike protein: Targets for vaccines and therapeutics. Antiviral Research, 2016, 133, 165-177.	1.9	94
121	Binding of herpes simplex virus glycoprotein D to nectin-1 exploits host cell adhesion. Nature Communications, 2011, 2, 577.	5.8	93
122	The Serum Profile of Hypercytokinemia Factors Identified in H7N9-Infected Patients can Predict Fatal Outcomes. Scientific Reports, 2015, 5, 10942.	1.6	93
123	Dominant subtype switch in avian influenza viruses during 2016â€“2019 in China. Nature Communications, 2020, 11, 5909.	5.8	93
124	Enterovirus 71 and Coxsackievirus A16 3C Proteases: Binding to Rupintrivir and Their Substrates and Anti-Hand, Foot, and Mouth Disease Virus Drug Design. Journal of Virology, 2011, 85, 10319-10331.	1.5	92
125	Bat-Derived Influenza Hemagglutinin H17 Does Not Bind Canonical Avian or Human Receptors and Most Likely Uses a Unique Entry Mechanism. Cell Reports, 2013, 3, 769-778.	2.9	92
126	New Threats from H7N9 Influenza Virus: Spread and Evolution of High- and Low-Pathogenicity Variants with High Genomic Diversity in Wave Five. Journal of Virology, 2018, 92, .	1.5	92

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127	An Open Receptor-Binding Cavity of Hemagglutinin-Esterase-Fusion Glycoprotein from Newly-Identified Influenza D Virus: Basis for Its Broad Cell Tropism. PLoS Pathogens, 2016, 12, e1005411.	2.1	92
128	A Bat-Derived Putative Cross-Family Recombinant Coronavirus with a Reovirus Gene. PLoS Pathogens, 2016, 12, e1005883.	2.1	92
129	Molecular Characterization of the Monoclonal Antibodies Composing ZMAb: A Protective Cocktail Against Ebola Virus. Scientific Reports, 2014, 4, 6881.	1.6	90
130	Effects of a Prolonged Booster Interval on Neutralization of Omicron Variant. New England Journal of Medicine, 2022, 386, 894-896.	13.9	90
131	Characterization of two distinct neuraminidases from avian-origin human-infecting H7N9 influenza viruses. Cell Research, 2013, 23, 1347-1355.	5.7	89
132	Two novel reassortants of avian influenza A (H5N6) virus in China. Journal of General Virology, 2015, 96, 975-981.	1.3	89
133	Overview of SARS-CoV-2 genome-encoded proteins. Science China Life Sciences, 2022, 65, 280-294.	2.3	88
134	Low Protective Efficacy of the Current Japanese Encephalitis Vaccine against the Emerging Genotype 5 Japanese Encephalitis Virus. PLoS Neglected Tropical Diseases, 2016, 10, e0004686.	1.3	87
135	Transport of Influenza Virus Neuraminidase (NA) to Host Cell Surface Is Regulated by ARHGAP21 and Cdc42 Proteins. Journal of Biological Chemistry, 2012, 287, 9804-9816.	1.6	86
136	Origin and Possible Genetic Recombination of the Middle East Respiratory Syndrome Coronavirus from the First Imported Case in China: Phylogenetics and Coalescence Analysis. MBio, 2015, 6, e01280-15.	1.8	86
137	Generation of Murine CTL by a Hepatitis B Virus-Specific Peptide and Evaluation of the Adjuvant Effect of Heat Shock Protein Glycoprotein 96 and Its Terminal Fragments. Journal of Immunology, 2005, 174, 195-204.	0.4	84
138	The antibiotic resistome: gene flow in environments, animals and human beings. Frontiers of Medicine, 2017, 11, 161-168.	1.5	84
139	Structure of measles virus hemagglutinin bound to its epithelial receptor nectin-4. Nature Structural and Molecular Biology, 2013, 20, 67-72.	3.6	81
140	The mycobacterial phosphatase PtpA regulates the expression of host genes and promotes cell proliferation. Nature Communications, 2017, 8, 244.	5.8	80
141	Inference of person-to-person transmission of COVID-19 reveals hidden super-spreading events during the early outbreak phase. Nature Communications, 2020, 11, 5006.	5.8	80
142	MERS in South Korea and China: a potential outbreak threat?. Lancet, The, 2015, 385, 2349-2350.	6.3	78
143	Two-mAb cocktail protects macaques against the Makona variant of Ebola virus. Science Translational Medicine, 2016, 8, 329ra33.	5.8	78
144	Robust expression of vault RNAs induced by influenza A virus plays a critical role in suppression of PKR-mediated innate immunity. Nucleic Acids Research, 2015, 43, gkv1078.	6.5	77

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145	Protective prototype-Beta and Delta-Omicron chimeric RBD-dimer vaccines against SARS-CoV-2. Cell, 2022, 185, 2265-2278.e14.	13.5	77
146	Pseudorabies virus: a neglected zoonotic pathogen in humans?. Emerging Microbes and Infections, 2019, 8, 150-154.	3.0	76
147	Molecular Basis of Arthritogenic Alphavirus Receptor MXRA8 Binding to Chikungunya Virus Envelope Protein. Cell, 2019, 177, 1714-1724.e12.	13.5	75
148	Comprehensive large-scale nucleic acidâ€“testing strategies support Chinaâ€™s sustained containment of COVID-19. Nature Medicine, 2021, 27, 740-742.	15.2	75
149	Etiological, epidemiological, and clinical features of acute diarrhea in China. Nature Communications, 2021, 12, 2464.	5.8	75
150	Tailoring Subunit Vaccine Immunity with Adjuvant Combinations and Delivery Routes Using the Middle East Respiratory Coronavirus (MERS-CoV) Receptor-Binding Domain as an Antigen. PLoS ONE, 2014, 9, e112602.	1.1	74
151	The recombinant N-terminal domain of spike proteins is a potential vaccine against Middle East respiratory syndrome coronavirus (MERS-CoV) infection. Vaccine, 2017, 35, 10-18.	1.7	74
152	A dimeric structure of PD-L1: functional units or evolutionary relics?. Protein and Cell, 2010, 1, 153-160.	4.8	73
153	Cross-species recognition of SARS-CoV-2 to bat ACE2. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	73
154	Endogenous Cellular MicroRNAs Mediate Antiviral Defense against Influenza A Virus. Molecular Therapy - Nucleic Acids, 2018, 10, 361-375.	2.3	72
155	Recombinant Chimpanzee Adenovirus Vaccine AdC7-M/E Protects against Zika Virus Infection and Testis Damage. Journal of Virology, 2018, 92, .	1.5	72
156	Influenza and the Live Poultry Trade. Science, 2014, 344, 235-235.	6.0	71
157	Assessment of the Internal Genes of Influenza A (H7N9) Virus Contributing to High Pathogenicity in Mice. Journal of Virology, 2015, 89, 2-13.	1.5	71
158	Intra-host dynamics of Ebola virus during 2014. Nature Microbiology, 2016, 1, 16151.	5.9	70
159	O-glycosylation pattern of the SARS-CoV-2 spike protein reveals an â€œO-Follow-Nâ€•rule. Cell Research, 2021, 31, 1123-1125.	5.7	70
160	Characterization of clade 2.3.4.4 highly pathogenic H5 avian influenza viruses in ducks and chickens. Veterinary Microbiology, 2016, 182, 116-122.	0.8	69
161	Human Neonatal Fc Receptor Is the Cellular Uncoating Receptor for Enterovirus B. Cell, 2019, 177, 1553-1565.e16.	13.5	69
162	A motif in LILRB2 critical for Angptl2 binding and activation. Blood, 2014, 124, 924-935.	0.6	68

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163	Carcinoembryonic Antigen-Related Cell Adhesion Molecule 5 Is an Important Surface Attachment Factor That Facilitates Entry of Middle East Respiratory Syndrome Coronavirus. Journal of Virology, 2016, 90, 9114-9127.	1.5	68
164	Phosphorylation Controls the Nuclear-Cytoplasmic Shuttling of Influenza A Virus Nucleoprotein. Journal of Virology, 2015, 89, 5822-5834.	1.5	66
165	A broadly protective antibody that targets the flavivirus NS1 protein. Science, 2021, 371, 190-194.	6.0	66
166	H7N9: a low pathogenic avian influenza A virus infecting humans. Current Opinion in Virology, 2014, 5, 91-97.	2.6	65
167	Remarkably similar CTLA-4 binding properties of therapeutic ipilimumab and tremelimumab antibodies. Oncotarget, 2017, 8, 67129-67139.	0.8	65
168	CRISPR-Cas13 Inhibitors Block RNA Editing in Bacteria and Mammalian Cells. Molecular Cell, 2020, 78, 850-861.e5.	4.5	65
169	A single-dose mRNA vaccine provides a long-term protection for hACE2 transgenic mice from SARS-CoV-2. Nature Communications, 2021, 12, 776.	5.8	65
170	The Effects of Socioeconomic and Environmental Factors on the Incidence of Dengue Fever in the Pearl River Delta, China, 2013. PLoS Neglected Tropical Diseases, 2015, 9, e0004159.	1.3	64
171	Alternate binding modes of anti-CRISPR viral suppressors AcrF1/2 to Csy surveillance complex revealed by cryo-EM structures. Cell Research, 2017, 27, 853-864.	5.7	64
172	Emerging H5N8 avian influenza viruses. Science, 2021, 372, 784-786.	6.0	64
173	Crystal Structure of Swine Major Histocompatibility Complex Class I SLA-1*0401 and Identification of 2009 Pandemic Swine-Origin Influenza A H1N1 Virus Cytotoxic T Lymphocyte Epitope Peptides. Journal of Virology, 2011, 85, 11709-11724.	1.5	63
174	A tandem-repeat dimeric RBD protein-based covid-19 vaccine zf2001 protects mice and nonhuman primates. Emerging Microbes and Infections, 2022, 11, 1058-1071.	3.0	63
175	Differences in the Epidemiology of Human Cases of Avian Influenza A(H7N9) and A(H5N1) Viruses Infection. Clinical Infectious Diseases, 2015, 61, 563-571.	2.9	62
176	Changes in notifiable infectious disease incidence in China during the COVID-19 pandemic. Nature Communications, 2021, 12, 6923.	5.8	62
177	Preliminary Epidemiologic Assessment of Human Infections With Highly Pathogenic Avian Influenza A(H5N6) Virus, China. Clinical Infectious Diseases, 2017, 65, 383-388.	2.9	60
178	Atlas of currently available human neutralizing antibodies against SARS-CoV-2 and escape by Omicron sub-variants BA.1/BA.1.1/BA.2/BA.3. Immunity, 2022, 55, 1501-1514.e3.	6.6	59
179	Structural insight into RNA synthesis by influenza D polymerase. Nature Microbiology, 2019, 4, 1750-1759.	5.9	58
180	Duck egg drop syndrome virus: an emerging Tembusu-related flavivirus in China. Science China Life Sciences, 2013, 56, 701-710.	2.3	57

#	Article	IF	Citations
181	Novel avian influenza A (H5N6) viruses isolated in migratory waterfowl before the first human case reported in China, 2014. Scientific Reports, 2016, 6, 29888.	1.6	57
182	Avian-to-Human Receptor-Binding Adaptation by Influenza A Virus Hemagglutinin H4. Cell Reports, 2017, 20, 1201-1214.	2.9	57
183	Bunyavirales ribonucleoproteins: the viral replication and transcription machinery. Critical Reviews in Microbiology, 2018, 44, 522-540.	2.7	57
184	Influenza A Virus N5 Neuraminidase Has an Extended 150-Cavity. Journal of Virology, 2011, 85, 8431-8435.	1.5	56
185	Clinical and Immunological Characteristics of Human Infections With H5N6 Avian Influenza Virus. Clinical Infectious Diseases, 2019, 68, 1100-1109.	2.9	56
186	Structural basis of nectin-1 recognition by pseudorabies virus glycoprotein D. PLoS Pathogens, 2017, 13, e1006314.	2.1	55
187	Narrow Groove and Restricted Anchors of MHC Class I Molecule BF2*0401 Plus Peptide Transporter Restriction Can Explain Disease Susceptibility of B4 Chickens. Journal of Immunology, 2012, 189, 4478-4487.	0.4	54
188	Antihypertensive drugs are associated with reduced fatal outcomes and improved clinical characteristics in elderly COVID-19 patients. Cell Discovery, 2020, 6, 77.	3.1	54
189	Seeing is believing: anti-PD-1/PD-L1 monoclonal antibodies in action for checkpoint blockade tumor immunotherapy. Signal Transduction and Targeted Therapy, 2016, 1, 16029.	7.1	53
190	Bat-Origin Coronaviruses Expand Their Host Range to Pigs. Trends in Microbiology, 2018, 26, 466-470.	3.5	52
191	Crystal Structure of Cell Adhesion Molecule Nectin-2/CD112 and Its Binding to Immune Receptor DNAM-1/CD226. Journal of Immunology, 2012, 188, 5511-5520.	0.4	51
192	Poultry Market Closures and Human Infection with Influenza A(H7N9) Virus, China, 2013â€“14. Emerging Infectious Diseases, 2014, 20, 1891-1894.	2.0	51
193	Disrupting LILRB4/APOE Interaction by an Efficacious Humanized Antibody Reverses T-cell Suppression and Blocks AML Development. Cancer Immunology Research, 2019, 7, 1244-1257.	1.6	51
194	Structural insight into arenavirus replication machinery. Nature, 2020, 579, 615-619.	13.7	51
195	Integrated metagenomic and metatranscriptomic profiling reveals differentially expressed resistomes in human, chicken, and pig gut microbiomes. Environment International, 2020, 138, 105649.	4.8	51
196	Poultry farms as a source of avian influenza A (H7N9) virus reassortment and human infection. Scientific Reports, 2015, 5, 7630.	1.6	50
197	Naproxen Exhibits Broad Anti-influenza Virus Activity in Mice by Impeding Viral Nucleoprotein Nuclear Export. Cell Reports, 2019, 27, 1875-1885.e5.	2.9	50
198	Detection and differentiation of influenza viruses with glycan-functionalized gold nanoparticles. Biosensors and Bioelectronics, 2017, 91, 46-52.	5.3	49

#	Article	IF	Citations
199	Double Lock of a Human Neutralizing and Protective Monoclonal Antibody Targeting the Yellow Fever Virus Envelope. Cell Reports, 2019, 26, 438-446.e5.	2.9	49
200	Recombinant SARS-CoV-2 spike S1-Fc fusion protein induced high levels of neutralizing responses in nonhuman primates. Vaccine, 2020, 38, 5653-5658.	1.7	49
201	Structural Analysis of Rabies Virus Glycoprotein Reveals pH-Dependent Conformational Changes and Interactions with a Neutralizing Antibody. Cell Host and Microbe, 2020, 27, 441-453.e7.	5.1	49
202	Serum sample neutralisation of BBIBP-CorV and ZF2001 vaccines to SARS-CoV-2 501Y.V2. Lancet Microbe, The, 2021, 2, e285.	3.4	49
203	Metagenome-assembled genomes and gene catalog from the chicken gut microbiome aid in deciphering antibiotic resistomes. Communications Biology, 2021, 4, 1305.	2.0	49
204	Highly diversified Zika viruses imported to China, 2016. Protein and Cell, 2016, 7, 461-464.	4.8	48
205	One-Year Sustained Cellular and Humoral Immunities in Coronavirus Disease 2019 (COVID-19) Convalescents. Clinical Infectious Diseases, 2022, 75, e1072-e1081.	2.9	48
206	Highly Pathogenic Avian Influenza A(H5N1) Virus Struck Migratory Birds in China in 2015. Scientific Reports, 2015, 5, 12986.	1.6	47
207	Nâ€glycosylation of PDâ€1 promotes binding of camrelizumab. EMBO Reports, 2020, 21, e51444.	2.0	47
208	Production of soluble Î±Î² Tâ€cell receptor heterodimers suitable for biophysical analysis of ligand binding. Protein Science, 1999, 8, 2418-2423.	3.1	46
209	Potent neutralizing monoclonal antibodies against Ebola virus infection. Scientific Reports, 2016, 6, 25856.	1.6	46
210	Susceptibility and Attenuated Transmissibility of SARS-CoV-2 in Domestic Cats. Journal of Infectious Diseases, 2021, 223, 1313-1321.	1.9	46
211	Molecular basis of crossâ€species ACE2 interactions with SARSâ€CoVâ€2â€like viruses of pangolin origin. EMBO Journal, 2021, 40, e107786.	3.5	46
212	Cross-Allele Cytotoxic T Lymphocyte Responses against 2009 Pandemic H1N1 Influenza A Virus among HLA-A24 and HLA-A3 Supertype-Positive Individuals. Journal of Virology, 2012, 86, 13281-13294.	1.5	45
213	Excretion of SARS-CoV-2 through faecal specimens. Emerging Microbes and Infections, 2020, 9, 2501-2508.	3.0	45
214	Neutralisation of ZF2001-elicited antisera to SARS-CoV-2 variants. Lancet Microbe, The, 2021, 2, e494.	3.4	45
215	Adaptation of avian influenza A (H6N1) virus from avian to human receptorâ€binding preference. EMBO Journal, 2015, 34, 1661-1673.	3.5	44
216	Crystal clear: visualizing the intervention mechanism of the PD-1/PD-L1 interaction by two cancer therapeutic monoclonal antibodies. Protein and Cell, 2016, 7, 866-877.	4.8	44

#	Article	IF	Citations
217	TCRklass: A New K-Stringâ€“Based Algorithm for Human and Mouse TCR Repertoire Characterization. Journal of Immunology, 2015, 194, 446-454.	0.4	43
218	One Hundred Days of Coronavirus Disease 2019 Prevention and Control in China. Clinical Infectious Diseases, 2021, 72, 332-339.	2.9	43
219	The molecular basis for SARS-CoV-2 binding to dog ACE2. Nature Communications, 2021, 12, 4195.	5.8	43
220	Epidemiologic Changes of Scrub Typhus in China, 1952â€“2016. Emerging Infectious Diseases, 2020, 26, 1091-1101.	2.0	43
221	Protective T Cell Responses Featured by Concordant Recognition of Middle East Respiratory Syndrome Coronavirusâ€“Derived CD8+ T Cell Epitopes and Host MHC. Journal of Immunology, 2017, 198, 873-882.	0.4	42
222	Building a global atlas of zoonotic viruses. Bulletin of the World Health Organization, 2018, 96, 292-294.	1.5	42
223	Two Distinct Conformations of a Rinderpest Virus Epitope Presented by Bovine Major Histocompatibility Complex Class I N*01801: a Host Strategy To Present Featured Peptides. Journal of Virology, 2011, 85, 6038-6048.	1.5	41
224	Structureâ€“function analysis of neutralizing antibodies to H7N9 influenza from naturally infected humans. Nature Microbiology, 2019, 4, 306-315.	5.9	41
225	Antibody seroprevalence in the epicenter Wuhan, Hubei, and six selected provinces after containment of the first epidemic wave of COVID-19 in China. The Lancet Regional Health - Western Pacific, 2021, 8, 100094.	1.3	41
226	More diversified antibiotic resistance genes in chickens and workers of the live poultry markets. Environment International, 2021, 153, 106534.	4.8	41
227	Broad Impacts of Coronavirus Disease 2019 (COVID-19) Pandemic on Acute Respiratory Infections in China: An Observational Study. Clinical Infectious Diseases, 2022, 75, e1054-e1062.	2.9	41
228	Lessons learnt from the human infections of avian-origin influenza A H7N9 virus: Live free markets and human health. Science China Life Sciences, 2013, 56, 493-494.	2.3	40
229	The first imported case of Rift Valley fever in China reveals a genetic reassortment of different viral lineages. Emerging Microbes and Infections, 2017, 6, 1-7.	3.0	40
230	Antibiotic resistance gene reservoir in live poultry markets. Journal of Infection, 2019, 78, 445-453.	1.7	40
231	Crystal Structure of Leukocyte Ig-like Receptor LILRB4 (ILT3/LIR-5/CD85k). Journal of Biological Chemistry, 2011, 286, 18013-18025.	1.6	39
232	The Emerging Duck Flavivirus Is Not Pathogenic for Primates and Is Highly Sensitive to Mammalian Interferon Antiviral Signaling. Journal of Virology, 2016, 90, 6538-6548.	1.5	39
233	Highly pathogenic avian influenza H5N1 Clade 2.3.2.1c virus in migratory birds, 2014â€“2015. Virologica Sinica, 2016, 31, 300-305.	1.2	39
234	Neutralization mechanism of human monoclonal antibodies against Rift Valley fever virus. Nature Microbiology, 2019, 4, 1231-1241.	5.9	39

#	Article	IF	Citations
235	Transcriptome profiling in swine macrophages infected with African swine fever virus at single-cell resolution. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2201288119.	3.3	39
236	Antagonism of cytotoxic T-lymphocyte activation by soluble CD8. Nature Medicine, 1999, 5, 399-404.	15.2	38
237	Crystal Structure of Herpes Simplex Virus 2 gD Bound to Nectin-1 Reveals a Conserved Mode of Receptor Recognition. Journal of Virology, 2014, 88, 13678-13688.	1.5	38
238	Structure of Influenza Virus N7: the Last Piece of the Neuraminidase â€œJigsawâ€•Puzzle. Journal of Virology, 2014, 88, 9197-9207.	1.5	38
239	Structures of the fourÂIg-like domain LILRB2 and the four-domain LILRB1 and HLA-G1 complex. Cellular and Molecular Immunology, 2020, 17, 966-975.	4.8	38
240	The mysterious origins of the Omicron variant of SARS-CoV-2. Innovation(China), 2022, 3, 100206.	5.2	38
241	An engineered bispecific human monoclonal antibody against SARS-CoV-2. Nature Immunology, 2022, 23, 423-430.	7.0	38
242	Conserved epitopes dominate crossâ€‹<scp>CD</scp>8⁺<scp>T</scp>â€‹cell responses against influenza <scp>A H</scp>1<scp>N</scp>1 virus among <scp>A</scp>sian populations. European Journal of Immunology, 2013, 43, 2055-2069.	1.6	37
243	Peptide-dependent Conformational Fluctuation Determines the Stability of the Human Leukocyte Antigen Class I Complex. Journal of Biological Chemistry, 2014, 289, 24680-24690.	1.6	37
244	Proteomic Analysis of Zika Virus Infected Primary Human Fetal Neural Progenitors Suggests a Role for Doublecortin in the Pathological Consequences of Infection in the Cortex. Frontiers in Microbiology, 2018, 9, 1067.	1.5	37
245	Genomic and transcriptomic analysis of NDM-1 Klebsiella pneumoniae in spaceflight reveal mechanisms underlying environmental adaptability. Scientific Reports, 2014, 4, 6216.	1.6	36
246	Vertical Transmission of the Zika Virus Causes Neurological Disorders in Mouse Offspring. Scientific Reports, 2018, 8, 3541.	1.6	36
247	Revival of the identification of cytotoxic T-lymphocyte epitopes for immunological diagnosis, therapy and vaccine development. Experimental Biology and Medicine, 2011, 236, 253-267.	1.1	35
248	Detection of mobile colistin resistance gene mcr-9 in carbapenem-resistant Klebsiella pneumoniae strains of human origin in Europe. Journal of Infection, 2020, 80, 578-606.	1.7	35
249	mRNA vaccines: A matter of delivery. EClinicalMedicine, 2021, 32, 100746.	3.2	35
250	Towards our understanding of SARS-CoV, an emerging and devastating but quickly conquered virus. Comparative Immunology, Microbiology and Infectious Diseases, 2007, 30, 309-327.	0.7	34
251	Structure and receptor-binding properties of an airborne transmissible avian influenza A virus hemagglutinin H5 (VN1203mut). Protein and Cell, 2013, 4, 502-511.	4.8	34
252	Nosocomial transmission of Clostridium difficile ribotype 027 in a Chinese hospital, 2012â€“2014, traced by whole genome sequencing. BMC Genomics, 2016, 17, 405.	1.2	34

#	Article	IF	Citations
253	Two classes of protective antibodies against Pseudorabies virus variant glycoprotein B: Implications for vaccine design. PLoS Pathogens, 2017, 13, e1006777.	2.1	34
254	Molecular basis of binding between the global post-transcriptional regulator CsrA and the T3SS chaperone CesT. Nature Communications, 2018, 9, 1196.	5.8	34
255	The FG Loop of PD-1 Serves as a â€œHotspotâ€•for Therapeutic Monoclonal Antibodies in Tumor Immune Checkpoint Therapy. IScience, 2019, 14, 113-124.	1.9	34
256	Transfer cells mediate nitrate uptake to control root nodule symbiosis. Nature Plants, 2020, 6, 800-808.	4.7	34
257	Identification of climate factors related to human infection with avian influenza A H7N9 and H5N1 viruses in China. Scientific Reports, 2015, 5, 18094.	1.6	33
258	Treatment with hyperimmune equine immunoglobulin or immunoglobulin fragments completely protects rodents from Ebola virus infection. Scientific Reports, 2016, 6, 24179.	1.6	33
259	Limited Cross-Linking of 4-1BB by 4-1BB Ligand and the Agonist Monoclonal Antibody Utomilumab. Cell Reports, 2018, 25, 909-920.e4.	2.9	33
260	Omicron variant of SARS-CoV-2 imposes a new challenge for the global public health. Biosafety and Health, 2022, 4, 147-149.	1.2	33
261	Interspecies transmission and host restriction of avian H5N1 influenza virus. Science in China Series C: Life Sciences, 2009, 52, 428-438.	1.3	32
262	Calculating the burden of disease of avian-origin H7N9 infections in China. BMJ Open, 2014, 4, e004189.	0.8	32
263	Avian Influenza A Viruses among Occupationally Exposed Populations, China, 2014â€“2016. Emerging Infectious Diseases, 2019, 25, 2215-2225.	2.0	32
264	Mycobacterium tuberculosis Mce2E suppresses the macrophage innate immune response and promotes epithelial cell proliferation. Cellular and Molecular Immunology, 2019, 16, 380-391.	4.8	32
265	First Glimpse of the Peptide Presentation by Rhesus Macaque MHC Class I: Crystal Structures of Mamu-A*01 Complexed with Two Immunogenic SIV Epitopes and Insights into CTL Escape. Journal of Immunology, 2007, 178, 944-952.	0.4	31
266	Phylogenetics of varied subtypes of avian influenza viruses in China: potential threat to humans. Protein and Cell, 2014, 5, 253-257.	4.8	31
267	Crystal Structure of the Marburg Virus Nucleoprotein Core Domain Chaperoned by a VP35 Peptide Reveals a Conserved Drug Target for Filovirus. Journal of Virology, 2017, 91, .	1.5	31
268	On the Centenary of the Spanish Flu: Being Prepared for the Next Pandemic. Virologica Sinica, 2018, 33, 463-466.	1.2	31
269	Comparison between human infections caused by highly and low pathogenic H7N9 avian influenza viruses in Wave Five: Clinical and virological findings. Journal of Infection, 2019, 78, 241-248.	1.7	31
270	Critical role of Syk-dependent STAT1 activation in innate antiviral immunity. Cell Reports, 2021, 34, 108627.	2.9	31

#	Article	IF	Citations
271	Downregulated miR-451a as a feature of the plasma cfRNA landscape reveals regulatory networks of IL-6/IL-6R-associated cytokine storms in COVID-19 patients. Cellular and Molecular Immunology, 2021, 18, 1064-1066.	4.8	31
272	Pathogenicity Comparison Between the Kikwit and Makona Ebola Virus Variants in Rhesus Macaques. Journal of Infectious Diseases, 2016, 214, S281-S289.	1.9	30
273	Structure-Based Tetravalent Zanamivir with Potent Inhibitory Activity against Drug-Resistant Influenza Viruses. Journal of Medicinal Chemistry, 2016, 59, 6303-6312.	2.9	30
274	Swift and Strong NK Cell Responses Protect 129 Mice against High-Dose Influenza Virus Infection. Journal of Immunology, 2016, 196, 1842-1854.	0.4	30
275	Changes in the Length of the Neuraminidase Stalk Region Impact H7N9 Virulence in Mice. Journal of Virology, 2016, 90, 2142-2149.	1.5	30
276	Emerging HxNy Influenza A Viruses. Cold Spring Harbor Perspectives in Medicine, 2022, 12, a038406.	2.9	30
277	The structural basis of African swine fever virus pA104R binding to DNA and its inhibition by stilbene derivatives. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 11000-11009.	3.3	30
278	Avian influenza A (H7N9) virus: from low pathogenic to highly pathogenic. Frontiers of Medicine, 2021, 15, 507-527.	1.5	30
279	Glycosylation-independent binding of monoclonal antibody toripalimab to FG loop of PD-1 for tumor immune checkpoint therapy. MAbs, 2019, 11, 681-690.	2.6	30
280	Reemergent Cases of COVID-19 â€" Xinfadi Wholesales Market, Beijing Municipality, China, June 11, 2020. China CDC Weekly, 2020, 2, 502-504.	1.0	30
281	Short- and medium-term impacts of strict anti-contagion policies on non-COVID-19 mortality in China. Nature Human Behaviour, 2022, 6, 55-63.	6.2	30
282	Structural basis of cross-allele presentation by HLA-A*0301 and HLA-A*1101 revealed by two HIV-derived peptide complexes. Molecular Immunology, 2011, 49, 395-401.	1.0	29
283	Benzophenone C-glucosides and gallotannins from mango tree stem bark with broad-spectrum anti-viral activity. Bioorganic and Medicinal Chemistry, 2014, 22, 2236-2243.	1.4	29
284	Ebola virus encodes a miR-155 analog to regulate importin-Î±5 expression. Cellular and Molecular Life Sciences, 2016, 73, 3733-3744.	2.4	29
285	Structures of human-infecting Thogotovirus fusogens support a common ancestor with insect baculovirus. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E8905-E8912.	3.3	29
286	The changing pattern of enteric pathogen infections in China during the COVID-19 pandemic: a nation-wide observational study. The Lancet Regional Health - Western Pacific, 2021, 16, 100268.	1.3	29
287	Complex assembly, crystallization and preliminary X-ray crystallographic studies of MHC H-2Kdcomplexed with an HBV-core nonapeptide. Acta Crystallographica Section D: Biological Crystallography, 2004, 60, 1473-1475.	2.5	28
288	Structural immunology and crystallography help immunologists see the immune system in action: How T and NK cells touch their ligands. IUBMB Life, 2009, 61, 579-590.	1.5	28

#	Article	IF	Citations
289	Serological Surveillance of Influenza A Virus Infection in Swine Populations in Fujian Province, China: No Evidence of Naturally Occurring H5N1 Infection in Pigs. Zoonoses and Public Health, 2010, 57, 291-298.	0.9	28
290	Structural basis for preferential avian receptor binding by the human-infecting H10N8 avian influenza virus. Nature Communications, 2015, 6, 5600.	5.8	28
291	Robust Lys63-Linked Ubiquitination of RIG-I Promotes Cytokine Eruption in Early Influenza B Virus Infection. Journal of Virology, 2016, 90, 6263-6275.	1.5	28
292	Bacterial effector NleL promotes enterohemorrhagic E. coli-induced attaching and effacing lesions by ubiquitylating and inactivating JNK. PLoS Pathogens, 2017, 13, e1006534.	2.1	28
293	Naturally Occurring Single Mutations in Ebola Virus Observably Impact Infectivity. Journal of Virology, 2019, 93, .	1.5	28
294	Humoral and cellular immunity and the safety of COVID-19 vaccines: a summary of data published by 21 May 2021. International Immunology, 2021, 33, 529-540.	1.8	28
295	Characterization of human Î±Î²TCR repertoire and discovery of D-D fusion in TCRÎ² chains. Protein and Cell, 2014, 5, 603-615.	4.8	27
296	Structural and functional analysis of an anchorless fibronectin-binding protein FBPS from Gram-positive bacterium Streptococcus suis. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 13869-13874.	3.3	27
297	Avian-to-Human Receptor-Binding Adaptation of Avian H7N9 Influenza Virus Hemagglutinin. Cell Reports, 2019, 29, 2217-2228.e5.	2.9	27
298	Safety and immunogenicity of heterologous boost immunization with an adenovirus type-5-vectored and protein-subunit-based COVID-19 vaccine (Convidecia/ZF2001): A randomized, observer-blinded, placebo-controlled trial. PLoS Medicine, 2022, 19, e1003953.	3.9	27
299	Structural basis of HCoV-19 fusion core and an effective inhibition peptide against virus entry. Emerging Microbes and Infections, 2020, 9, 1238-1241.	3.0	26
300	Asymptomatic SARS-CoV-2 Infections Among Persons Entering China From April 16 to October 12, 2020. JAMA - Journal of the American Medical Association, 2021, 325, 489.	3.8	26
301	Assembly and crystallization of the complex between the human T cell coreceptor CD8Î± homodimer and HLAâ€A2. Protein Science, 1998, 7, 1245-1249.	3.1	25
302	PILRÎ± and PILRÎ² have a siglec fold and provide the basis of binding to sialic acid. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 8221-8226.	3.3	25
303	Enfuvirtideâ^'PEG conjugate: A potent HIV fusion inhibitor with improved pharmacokinetic properties. European Journal of Medicinal Chemistry, 2016, 121, 232-237.	2.6	25
304	Diversified Anchoring Features the Peptide Presentation of DLA-88*50801: First Structural Insight into Domestic Dog MHC Class I. Journal of Immunology, 2016, 197, 2306-2315.	0.4	25
305	Structural basis of collagen recognition by human osteoclast-associated receptor and design of osteoclastogenesis inhibitors. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 1038-1043.	3.3	25
306	Heterosubtypic Protections against Human-Infecting Avian Influenza Viruses Correlate to Biased Cross-T-Cell Responses. MBio, 2018, 9, .	1.8	25

#	Article	IF	Citations
307	Induction of PGRN by influenza virus inhibits the antiviral immune responses through downregulation of type I interferons signaling. PLoS Pathogens, 2019, 15, e1008062.	2.1	25
308	Binding mode of the side-by-side two-IgV molecule CD226/DNAM-1 to its ligand CD155/Necl-5. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 988-996.	3.3	25
309	Long Distance Transmission of SARS-CoV-2 from Contaminated Cold Chain Products to Humans â€" Qingdao City, Shandong Province, China, September 2020. China CDC Weekly, 2021, 3, 637-644.	1.0	25
310	Tracing the origins of SARS-CoV-2: lessons learned from the past. Cell Research, 2021, 31, 1139-1141.	5.7	25
311	Cross-immunity Against Avian Influenza A(H7N9) Virus in the Healthy Population Is Affected by Antigenicity-Dependent Substitutions. Journal of Infectious Diseases, 2016, 214, 1937-1946.	1.9	24
312	The Postfusion Structure of the Heartland Virus Gc Glycoprotein Supports Taxonomic Separation of the Bunyaviral Families Phenuiviridae and Hantaviridae. Journal of Virology, 2018, 92, .	1.5	24
313	Phylogenomic analysis unravels evolution of yellow fever virus within hosts. PLoS Neglected Tropical Diseases, 2018, 12, e0006738.	1.3	24
314	Crystal Structure of African Swine Fever Virus dUTPase Reveals a Potential Drug Target. MBio, 2019, 10, .	1.8	24
315	Lessons Learnt From the COVID-19 Pandemic. Frontiers in Public Health, 2021, 9, 694705.	1.3	24
316	Virome of Bat-Infesting Arthropods: Highly Divergent Viruses in Different Vectors. Journal of Virology, 2022, 96, JVI0146421.	1.5	24
317	COVID-19 Expands Its Territories from Humans to Animals. China CDC Weekly, 2021, 3, 855-858.	1.0	24
318	It is not just AIV: From avian to swine-origin influenza virus. Science China Life Sciences, 2010, 53, 151-153.	2.3	23
319	Nosocomial Co-Transmission of Avian Influenza A(H7N9) and A(H1N1)pdm09 Viruses between 2 Patients with Hematologic Disorders. Emerging Infectious Diseases, 2016, 22, 598-607.	2.0	23
320	Resistance to Mutant Group 2 Influenza Virus Neuraminidases of an Oseltamivir-Zanamivir Hybrid Inhibitor. Journal of Virology, 2016, 90, 10693-10700.	1.5	23
321	Glycan Binding Specificity and Mechanism of Human and Porcine P[6]/P[19] Rotavirus VP8*s. Journal of Virology, 2018, 92, .	1.5	23
322	Peptide presentation by bat MHC class I provides new insight into the antiviral immunity of bats. PLoS Biology, 2019, 17, e3000436.	2.6	23
323	Regulation of Circadian Genes by the MAPK Pathway: Implications for Rapid Antidepressant Action. Neuroscience Bulletin, 2020, 36, 66-76.	1.5	23
324	Immune restoration in HIV-1-infected patients after 12 years of antiretroviral therapy: a real-world observational study. Emerging Microbes and Infections, 2020, 9, 2550-2561.	3.0	23

#	Article	IF	Citations
325	Mycobacterium tuberculosis protein kinase G acts as an unusual ubiquitinating enzyme to impair host immunity. EMBO Reports, 2021, 22, e52175.	2.0	23
326	Protective Zika vaccines engineered to eliminate enhancement of dengue infection via immunodominance switch. Nature Immunology, 2021, 22, 958-968.	7.0	23
327	Mechanism of Microbial Metabolite Leupeptin in the Treatment of COVID-19 by Traditional Chinese Medicine Herbs. MBio, 2021, 12, e0222021.	1.8	23
328	Description of the First Strain of 2019-nCoV, C-Tan-nCoV Wuhan Strain â€" National Pathogen Resource Center, China, 2020. China CDC Weekly, 2020, 2, 81-82.	1.0	23
329	SNX27 suppresses SARS-CoV-2 infection by inhibiting viral lysosome/late endosome entry. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	23
330	Broader-species receptor binding and structural bases of Omicron SARS-CoV-2 to both mouse and palm-civet ACE2s. Cell Discovery, 2022, 8, .	3.1	23
331	On the ground in Sierra Leone. Science, 2014, 346, 666-666.	6.0	22
332	Assessment of the pathogenesis of Streptococcus suis type 2 infection in piglets for understanding streptococcal toxic shock-like syndrome, meningitis, and sequelae. Veterinary Microbiology, 2014, 173, 299-309.	0.8	22
333	Structural Illumination of Equine MHC Class I Molecules Highlights Unconventional Epitope Presentation Manner That Is Evolved in Equine Leukocyte Antigen Alleles. Journal of Immunology, 2016, 196, 1943-1954.	0.4	22
334	Threonine 80 phosphorylation of non-structural protein 1 regulates the replication of influenza A virus by reducing the binding affinity with RIG-I. Cellular Microbiology, 2017, 19, e12643.	1.1	22
335	The persistent prevalence and evolution of cross-family recombinant coronavirus GCCDC1 among a bat population: a two-year follow-up. Science China Life Sciences, 2017, 60, 1357-1363.	2.3	22
336	Molecular basis of EphA2 recognition by gHgL from gammaherpesviruses. Nature Communications, 2020, 11, 5964.	5.8	22
337	Dynamic PB2-E627K substitution of influenza H7N9 virus indicates the in vivo genetic tuning and rapid host adaptation. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 23807-23814.	3.3	22
338	Comparative genomic analysis reveals an â€˜openâ€™ panâ€genome of African swine fever virus. Transboundary and Emerging Diseases, 2020, 67, 1553-1562.	1.3	22
339	Recombinant SARS-CoV-2 RBD with a built in T helper epitope induces strong neutralization antibody response. Vaccine, 2021, 39, 1241-1247.	1.7	22
340	Eleven COVID-19 Outbreaks with Local Transmissions Caused by the Imported SARS-CoV-2 Delta VOC â€" China, Julyâ€"August, 2021. China CDC Weekly, 2021, 3, 863-868.	1.0	22
341	Crystal Structure of Myeloid Cell Activating Receptor Leukocyte Ig-like Receptor A2 (LILRA2/ILT1/LIR-7) Domain Swapped Dimer: Molecular Basis for Its Non-binding to MHC Complexes. Journal of Molecular Biology, 2009, 386, 841-853.	2.0	21
342	Human T-cell immunity against the emerging and re-emerging viruses. Science China Life Sciences, 2017, 60, 1307-1316.	2.3	21

#	Article	IF	Citations
343	Structural insight into multistage inhibition of CRISPR-Cas12a by AcrVA4. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 18928-18936.	3.3	21
344	Rapid and sustained containment of covid-19 is achievable and worthwhile: implications for pandemic response. BMJ, The, 2021, 375, e066169.	3.0	21
345	Structural basis for the differential classification of HLA-A*6802 and HLA-A*6801 into the A2 and A3 supertypes. Molecular Immunology, 2013, 55, 381-392.	1.0	20
346	Co-circulation and persistence of multiple A/H3N2 influenza variants in China. Emerging Microbes and Infections, 2019, 8, 1157-1167.	3.0	20
347	Structural basis for the inhibition of the SARS-CoV-2 main protease by the anti-HCV drug narlaprevir. Signal Transduction and Targeted Therapy, 2021, 6, 51.	7.1	20
348	Cryo-EM structures of Lassa and Machupo virus polymerases complexed with cognate regulatory Z proteins identify targets for antivirals. Nature Microbiology, 2021, 6, 921-931.	5.9	20
349	Structural biology in the fight against COVID-19. Nature Structural and Molecular Biology, 2021, 28, 2-7.	3.6	20
350	Diverse Peptide Presentation of Rhesus Macaque Major Histocompatibility Complex Class I Mamu-A*02 Revealed by Two Peptide Complex Structures and Insights into Immune Escape of Simian Immunodeficiency Virus. Journal of Virology, 2011, 85, 7372-7383.	1.5	19
351	Heat shock protein gp96 adjuvant induces T cell responses and cross-protection to a split influenza vaccine. Vaccine, 2014, 32, 2703-2711.	1.7	19
352	Cyclophilin A protects mice against infection by influenza A virus. Scientific Reports, 2016, 6, 28978.	1.6	19
353	Effects of a Single Escape Mutation on T Cell and HIV-1 Co-adaptation. Cell Reports, 2016, 15, 2279-2291.	2.9	19
354	Induction of Mkp-1 and Nuclear Translocation of Nrf2 by Limonoids from Khaya grandifoliola C.DC Protect L-02 Hepatocytes against Acetaminophen-Induced Hepatotoxicity. Frontiers in Pharmacology, 2017, 8, 653.	1.6	19
355	An Invariant Arginine in Common with MHC Class II Allows Extension at the C-Terminal End of Peptides Bound to Chicken MHC Class I. Journal of Immunology, 2018, 201, 3084-3095.	0.4	19
356	Molecular Basis of a Protective/Neutralizing Monoclonal Antibody Targeting Envelope Proteins of both Tick-Borne Encephalitis Virus and Louping Ill Virus. Journal of Virology, 2019, 93, .	1.5	19
357	Continued reassortment of avian H6 influenza viruses from Southern China, 2014â€“2016. Transboundary and Emerging Diseases, 2019, 66, 592-598.	1.3	19
358	Strengthening public health at the community-level in China. Lancet Public Health, The, 2020, 5, e629-e630.	4.7	19
359	NK-cells are involved in thymic atrophy induced by influenza A virus infection. Journal of General Virology, 2015, 96, 3223-3235.	1.3	19
360	Immunogenicity, efficacy and safety of COVID-19 vaccines: an update of data published by 31 December 2021. International Immunology, 2022, 34, 595-607.	1.8	19

#	Article	IF	Citations
361	A new unconventional HLA-A2-restricted epitope from HBV core protein elicits antiviral cytotoxic T lymphocytes. Protein and Cell, 2014, 5, 317-327.	4.8	18
362	Identification of the source of A (H10N8) virus causing human infection. Infection, Genetics and Evolution, 2015, 30, 159-163.	1.0	18
363	Infectious disease trends in China since the SARS outbreak. Lancet Infectious Diseases, The, 2017, 17, 1113-1115.	4.6	18
364	Novel cyclo-peptides inhibit Ebola pseudotyped virus entry by targeting primed GP protein. Antiviral Research, 2018, 155, 1-11.	1.9	18
365	Diverse biological characteristics and varied virulence of H7N9 from Wave 5. Emerging Microbes and Infections, 2019, 8, 94-102.	3.0	18
366	Molecular basis of Coxsackievirus A10 entry using the two-in-one attachment and uncoating receptor KRM1. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 18711-18718.	3.3	18
367	Structures of Echovirus 30 in complex with its receptors inform a rational prediction for enterovirus receptor usage. Nature Communications, 2020, 11, 4421.	5.8	18
368	Recombinant chimpanzee adenovirus AdC7 expressing dimeric tandem-repeat spike protein RBD protects mice against COVID-19. Emerging Microbes and Infections, 2021, 10, 1574-1588.	3.0	18
369	Emergence of Lamivudine-Resistant HBV during Antiretroviral Therapy Including Lamivudine for Patients Coinfected with HIV and HBV in China. PLoS ONE, 2015, 10, e0134539.	1.1	18
370	Continuous reassortments with local chicken H9N2 virus underlie the human-infecting influenza A (H7N9) virus in the new influenza season, Guangdong, China. Protein and Cell, 2014, 5, 878-882.	4.8	17
371	Characteristics of Nucleocytoplasmic Transport of H1N1 Influenza A Virus Nuclear Export Protein. Journal of Virology, 2014, 88, 7455-7463.	1.5	17
372	Clinical Evaluation of Ebola Virus Disease Therapeutics. Trends in Molecular Medicine, 2017, 23, 820-830.	3.5	17
373	Interpretation of the Protocol for Prevention and Control of COVID-19 in China (Edition 8). China CDC Weekly, 2021, 3, 527-530.	1.0	17
374	Re-emergence of H5N8 highly pathogenic avian influenza virus in wild birds, China. Emerging Microbes and Infections, 2021, 10, 1819-1823.	3.0	17
375	Science-based COVID-19 vaccine development. National Science Review, 2021, 8, nwab193.	4.6	17
376	Landscapes and dynamic diversifications of B-cell receptor repertoires in COVID-19 patients. Human Immunology, 2022, 83, 119-129.	1.2	17
377	PARP-1 mediated cell death is directly activated by ZIKV infection. Virology, 2019, 537, 254-262.	1.1	16
378	Molecular Basis of Binding between Middle East Respiratory Syndrome Coronavirus and CD26 from Seven Bat Species. Journal of Virology, 2020, 94, .	1.5	16

#	Article	IF	Citations
379	Risk Factors for Death Among the First 80 543 Coronavirus Disease 2019 (COVID-19) Cases in China: Relationships Between Age, Underlying Disease, Case Severity, and Region. Clinical Infectious Diseases, 2022, 74, 630-638.	2.9	16
380	Assessing the extent of community spread caused by mink-derived SARS-CoV-2 variants. Innovation(China), 2021, 2, 100128.	5.2	16
381	A Novel Potentially Recombinant Rodent Coronavirus with a Polybasic Cleavage Site in the Spike Protein. Journal of Virology, 2021, 95, e0117321.	1.5	16
382	Etiological and epidemiological features of acute meningitis or encephalitis in China: a nationwide active surveillance study. The Lancet Regional Health - Western Pacific, 2022, 20, 100361.	1.3	16
383	The â€œWolfâ€•Is Indeed Coming: Recombinant â€œDeltacronâ€•SARS-CoV-2 Detected. China CDC Weekly, 2022, 4, 285-287.	1.0	16
384	Binding and structural basis of equine ACE2 to RBDs from SARS-CoV, SARS-CoV-2 and related coronaviruses. Nature Communications, 2022, 13, .	5.8	16
385	Superimposed Epitopes Restricted by the Same HLA Molecule Drive Distinct HIV-Specific CD8+ T Cell Repertoires. Journal of Immunology, 2014, 193, 77-84.	0.4	15
386	More Challenges From Ebola: Infection of the Central Nervous System. Journal of Infectious Diseases, 2016, 214, S294-S296.	1.9	15
387	Conserved VÎ´1 Binding Geometry in a Setting of Locus-Disparate pHLA Recognition by Î´/Î±Î² T Cell Receptors (TCRs): Insight into Recognition of HIV Peptides by TCRs. Journal of Virology, 2017, 91, .	1.5	15
388	Differential nucleocytoplasmic shuttling of the nucleoprotein of influenza a viruses and association with host tropism. Cellular Microbiology, 2017, 19, e12692.	1.1	15
389	Development of a quadruple qRT-PCR assay for simultaneous identification of highly and low pathogenic H7N9 avian influenza viruses and characterization against oseltamivir resistance. BMC Infectious Diseases, 2018, 18, 406.	1.3	15
390	â€œBreathingâ€•Hemagglutinin Reveals Cryptic Epitopes for Universal Influenza Vaccine Design. Cell, 2019, 177, 1086-1088.	13.5	15
391	Noc4L-Mediated Ribosome Biogenesis Controls Activation of Regulatory and Conventional T Cells. Cell Reports, 2019, 27, 1205-1220.e4.	2.9	15
392	Light chain modulates heavy chain conformation to change protection profile of monoclonal antibodies against influenza A viruses. Cell Discovery, 2019, 5, 21.	3.1	15
393	For a better world: Biosafety strategies to protect global health. Biosafety and Health, 2019, 1, 1-3.	1.2	15
394	ADAM17 is an essential attachment factor for classical swine fever virus. PLoS Pathogens, 2021, 17, e1009393.	2.1	15
395	Special features of the 2009 pandemic swine-origin influenza A H1N1 hemagglutinin and neuraminidase. Science Bulletin, 2011, 56, 1747-1752.	1.7	14
396	Crystal structures of the two membrane-proximal Ig-like domains (D3D4) of LILRB1/B2: alternative models for their involvement in peptide-HLA binding. Protein and Cell, 2013, 4, 761-770.	4.8	14

#	Article	IF	Citations
397	NÎ±-Terminal Acetylation for T Cell Recognition: Molecular Basis of MHC Class Iâ€“Restricted NÎ±-Acetylpeptide Presentation. Journal of Immunology, 2014, 192, 5509-5519.	0.4	14
398	Newly Emergent Highly Pathogenic H5N9 Subtype Avian Influenza A Virus. Journal of Virology, 2015, 89, 8806-8815.	1.5	14
399	China in action: national strategies to combat against emerging infectious diseases. Science China Life Sciences, 2017, 60, 1383-1385.	2.3	14
400	Equine-Origin Immunoglobulin Fragments Protect Nonhuman Primates from Ebola Virus Disease. Journal of Virology, 2019, 93, .	1.5	14
401	Establishment of human distal lung organoids for SARS-CoV-2 infection. Cell Discovery, 2021, 7, 108.	3.1	14
402	Characterization of the Nucleocytoplasmic Shuttle of the Matrix Protein of Influenza B Virus. Journal of Virology, 2014, 88, 7464-7473.	1.5	13
403	Structure of the S1 subunit C-terminal domain from bat-derived coronavirus HKU5 spike protein. Virology, 2017, 507, 101-109.	1.1	13
404	Development of a reverse transcription quantitative polymerase chain reaction-based assay for broad coverage detection of African and Asian Zika virus lineages. Virologica Sinica, 2017, 32, 199-206.	1.2	13
405	Structures of Zika Virus E & NS1: Relations with Virus Infection and Host Immune Responses. Advances in Experimental Medicine and Biology, 2018, 1062, 77-87.	0.8	13
406	Five Independent Cases of Human Infection with Avian Influenza H5N6 â€” Sichuan Province, China, 2021. China CDC Weekly, 2021, 3, 751-756.	1.0	13
407	Rapid HIV-1 Disease Progression in Individuals Infected with a Virus Adapted to Its Host Population. PLoS ONE, 2016, 11, e0150397.	1.1	13
408	Target-Based Virtual Screening and LC/MS-Guided Isolation Procedure for Identifying Phloroglucinol-Terpenoid Inhibitors of SARS-CoV-2. Journal of Natural Products, 2022, 85, 327-336.	1.5	13
409	PD-1 N58-Glycosylation-Dependent Binding of Monoclonal Antibody Cemiplimab for Immune Checkpoint Therapy. Frontiers in Immunology, 2022, 13, 826045.	2.2	13
410	Synthesis of Sulfo-Sialic Acid Analogues: Potent Neuraminidase Inhibitors in Regards to Anomeric Functionality. Scientific Reports, 2017, 7, 8239.	1.6	12
411	CASCIRE surveillance network and work on avian influenza viruses. Science China Life Sciences, 2017, 60, 1386-1391.	2.3	12
412	A Sulfonozanamivir Analogue Has Potent Antiâ€influenza Virus Activity. ChemMedChem, 2018, 13, 785-789.	1.6	12
413	CD8 + T-Cell Response-Associated Evolution of Hepatitis B Virus Core Protein and Disease Progress. Journal of Virology, 2018, 92, .	1.5	12
414	Genomic characterizations of H4 subtype avian influenza viruses from live poultry markets in Sichuan province of China, 2014â€“2015. Science China Life Sciences, 2018, 61, 1123-1126.	2.3	12

#	Article	IF	Citations
415	Public health priorities for Chinaâ€“Africa cooperation. Lancet Public Health, The, 2019, 4, e177-e178.	4.7	12
416	Divergent Peptide Presentations of HLA-A*30 Alleles Revealed by Structures With Pathogen Peptides. Frontiers in Immunology, 2019, 10, 1709.	2.2	12
417	Comprehensive Clinical and Laboratory Follow-up of a Female Patient With Ebola Virus Disease: Sierra Leone Ebola Virus Persistence Study. Open Forum Infectious Diseases, 2019, 6, ofz068.	0.4	12
418	Isolation and Identification of a Highly Divergent Kaeng Khoi Virus from Bat Flies (<i>Eucampsipoda) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.6	12
419	Structure-Based Modification of an Anti-neuraminidase Human Antibody Restores Protection Efficacy against the Drifted Influenza Virus. MBio, 2020, 11, .	1.8	12
420	The origins of viruses: discovery takes time, international resources, and cooperation. Lancet, The, 2021, 398, 1401-1402.	6.3	12
421	Potent inhibition of Severe Acute Respiratory Syndrome Coronavirus 2 by photosensitizers compounds. Dyes and Pigments, 2021, 194, 109570.	2.0	12
422	The NS1 gene from bat-derived influenza-like virus H17N10 can be rescued in influenza A PR8 backbone. Journal of General Virology, 2016, 97, 1797-1806.	1.3	12
423	Design and Characterization of Human Respiratory Syncytial Virus Entry Inhibitors. Antiviral Therapy, 2005, 10, 833-840.	0.6	12
424	Competition of Cell Adhesion and Immune Recognition: Insights into the Interaction between CRTAM and Nectin-like 2. Structure, 2013, 21, 1430-1439.	1.6	11
425	Severe fever with thrombocytopenia syndrome virus expands its borders. Emerging Microbes and Infections, 2013, 2, 1-6.	3.0	11
426	Ribavirin is effective against drug-resistant H7N9 influenza virus infections. Protein and Cell, 2016, 7, 611-614.	4.8	11
427	Crystal structure of the C-terminal fragment of NS1 protein from yellow fever virus. Science China Life Sciences, 2017, 60, 1403-1406.	2.3	11
428	Transcripts of antibacterial peptides in chicken erythrocytes infected with Mareka€™s disease virus. BMC Veterinary Research, 2018, 14, 363.	0.7	11
429	Influenza virus matrix protein M1 interacts with SLD5 to block host cell cycle. Cellular Microbiology, 2019, 21, e13038.	1.1	11
430	E-protein regulatory network links TCR signaling to effector Treg cell differentiation. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 4471-4480.	3.3	11
431	ID2 and ID3 are indispensable for Th1 cell differentiation during influenza virus infection in mice. European Journal of Immunology, 2019, 49, 476-489.	1.6	11
432	Mobile Colistin Resistance Enzyme MCRâ€3 Facilitates Bacterial Evasion of Host Phagocytosis. Advanced Science, 2021, 8, e2101336.	5.6	11

#	Article	IF	Citations
433	A Replicating Modified Vaccinia Tiantan Strain Expressing an Avian-Derived Influenza H5N1 Hemagglutinin Induce Broadly Neutralizing Antibodies and Cross-Clade Protective Immunity in Mice. PLoS ONE, 2013, 8, e83274.	1.1	10
434	Distribution of sialic acid receptors and experimental infections with different subtypes of influenza A viruses in Qinghai-Tibet plateau wild pika. Virology Journal, 2015, 12, 63.	1.4	10
435	Hemagglutinin-specific CD4 + T-cell responses following 2009-pH1N1 inactivated split-vaccine inoculation in humans. Vaccine, 2017, 35, 5644-5652.	1.7	10
436	Zika Virus Envelope Protein and Antibody Complexes. Sub-Cellular Biochemistry, 2018, 88, 147-168.	1.0	10
437	Postfusion structure of human-infecting Bourbon virus envelope glycoprotein. Journal of Structural Biology, 2019, 208, 99-106.	1.3	10
438	Cryo-EM structure of the varicella-zoster virus A-capsid. Nature Communications, 2020, 11, 4795.	5.8	10
439	Zika virus induces myocardial immune response and myocarditis in mice. Journal of Molecular and Cellular Cardiology, 2020, 148, 103-105.	0.9	10
440	Adaption and parallel evolution of human-isolated H5 avian influenza viruses. Journal of Infection, 2020, 80, 630-638.	1.7	10
441	COVID-19: A Year Long and Beyond?. China CDC Weekly, 2021, 3, 157-158.	1.0	10
442	The Genome Resequencing of TCR Loci inGallus gallusRevealed Their Distinct Evolutionary Features in Avians. ImmunoHorizons, 2020, 4, 33-46.	0.8	10
443	Description of the First Strain of 2019-nCoV, C-Tan-nCoV Wuhan Strain - National Pathogen Resource Center, China, 2020. China CDC Weekly, 2020, 2, 81-82.	1.0	10
444	Heterologous prime-boost immunizations with chimpanzee adenoviral vectors elicit potent and protective immunity against SARS-CoV-2 infection. Cell Discovery, 2021, 7, 123.	3.1	10
445	Cross-species recognition and molecular basis of SARS-CoV-2 and SARS-CoV binding to ACE2s of marine animals. National Science Review, 2022, 9, .	4.6	10
446	Website for avian flu information and bioinformatics. Science in China Series C: Life Sciences, 2009, 52, 470-473.	1.3	9
447	In vitro assembly of Ebola virus nucleocapsid-like complex expressed in E. coli. Protein and Cell, 2016, 7, 888-898.	4.8	9
448	Conserved peptides enhance immune efficiency of inactive vaccines against emerging avian influenza viruses in chicken. Science China Life Sciences, 2017, 60, 1340-1347.	2.3	9
449	Phosphorylation Status of Tyrosine 78 Residue Regulates the Nuclear Export and Ubiquitination of Influenza A Virus Nucleoprotein. Frontiers in Microbiology, 2019, 10, 1816.	1.5	9
450	Intra-host Ebola viral adaption during human infection. Biosafety and Health, 2019, 1, 14-24.	1.2	9

#	Article	IF	Citations
451	Molecular and structural basis of Echovirus 11 infection by using the dual-receptor system of CD55 and FcRn. Chinese Science Bulletin, 2020, 65, 67-79.	0.4	9
452	Nasal delivery of thermostable and broadly neutralizing antibodies protects mice against SARS-CoV-2 infection. Signal Transduction and Targeted Therapy, 2022, 7, 55.	7.1	9
453	A protein subunit vaccine booster following two doses of inactivated SARS-CoV-2 vaccine provides high neutralisation of SARS-CoV-2 and its variants in mice. Lancet Microbe, The, 2022, 3, e165-e166.	3.4	9
454	The challenges of avian influenza virus: mechanism, epidemiology and control. Science in China Series C: Life Sciences, 2009, 52, 405-406.	1.3	8
455	The new emerging H7N9 influenza virus indicates poultry as new mixing vessels. Science China Life Sciences, 2014, 57, 731-732.	2.3	8
456	Clinical, immunological and bacteriological characteristics of H7N9 patients nosocomially co-infected by Acinetobacter Baumannii: a case control study. BMC Infectious Diseases, 2018, 18, 664.	1.3	8
457	Molecular basis of pangolin ACE2 engaged by COVID-19 virus. Chinese Science Bulletin, 2021, 66, 73-84.	0.4	8
458	A binding-enhanced but enzymatic activity-eliminated human ACE2 efficiently neutralizes SARS-CoV-2 variants. Signal Transduction and Targeted Therapy, 2022, 7, 10.	7.1	8
459	Haunted with and hunting for viruses. Science China Life Sciences, 2013, 56, 675-677.	2.3	7
460	Atypical group 1 neuraminidase pH1N1-N1 bound to a group 1 inhibitor. Protein and Cell, 2015, 6, 771-773.	4.8	7
461	Targeted disruption of Noc4l leads to preimplantation embryonic lethality in mice. Protein and Cell, 2017, 8, 230-235.	4.8	7
462	A new threat to human reproduction system posed by Zika virus (ZIKV): From clinical investigations to experimental studies. Virus Research, 2018, 254, 10-14.	1.1	7
463	Serological Investigation of Laboratory-Confirmed and Suspected Ebola Virus Disease Patients During the Late Phase of the Ebola Outbreak in Sierra Leone. Virologica Sinica, 2018, 33, 323-334.	1.2	7
464	Demographic features of identified PLWHA infected through commercial and nonmarital noncommercial heterosexual contact in China from 2015 to 2018: a retrospective cross-sectional study. BMC Infectious Diseases, 2021, 21, 71.	1.3	7
465	Distinct durability of IgM/IgG antibody responses in COVID-19 patients with differing severity. Science China Life Sciences, 2022, 65, 223-226.	2.3	7
466	Structural basis of malarial parasite RIFIN-mediated immune escape against LAIR1. Cell Reports, 2021, 36, 109600.	2.9	7
467	Immune response pattern across the asymptomatic, symptomatic and convalescent periods of COVID-19. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2022, 1870, 140736.	1.1	7
468	A new chapter for Chinaâ€™s public health securityâ€”aids offered to Africa to combat Ebola. Science China Life Sciences, 2015, 58, 114-116.	2.3	6

#	Article	IF	Citations
469	Can Ebola virus become endemic in the human population?. Protein and Cell, 2016, 7, 4-6.	4.8	6
470	An mRNA-based vaccine strategy against Zika. Cell Research, 2017, 27, 1077-1078.	5.7	6
471	Metagenomic data screening reveals the distribution of mobilized resistance genes tet(X), mcr and carbapenemase in animals and humans. Journal of Infection, 2020, 80, 121-142.	1.7	6
472	Combining metagenomics and metatranscriptomics to study human, animal and environmental resistomes. Medicine in Microecology, 2020, 3, 100014.	0.7	6
473	Comparative genomic analysis of mobile colistin resistance gene mcr-9 in Salmonella enterica. Journal of Infection, 2021, 82, e15-e17.	1.7	6
474	Wearing Face Masks â€" the Simple and Effective Way to Block the Infection Source of COVID-19. China CDC Weekly, 2020, 2, 268-269.	1.0	6
475	The Initial Case of COVID-19 â€" Shulan City, Jilin Province, China, May 8, 2020. China CDC Weekly, 2020, 2, 458-459.	1.0	6
476	Interpretation of the Protocol for Prevention and Control of COVID-19 in China (Edition 7). China CDC Weekly, 2020, 2, 902-905.	1.0	6
477	Epidemiological and Clinical Characteristics of Respiratory Syncytial Virus Infections in Children Aged <5 Years in China, from 2014â€"2018. Vaccines, 2022, 10, 810.	2.1	6
478	N-linked glycosylation enhances hemagglutinin stability in avian H5N6 influenza virus to promote adaptation in mammals. , 2022, 1, .		6
479	Relatively rapid evolution rates of SARS-CoV-2 spike gene at the primary stage of massive vaccination. Biosafety and Health, 2022, 4, 228-233.	1.2	6
480	A strategy to produce monoclonal antibodies against gp96 by prime-boost regimen using endogenous protein and E. coli heterologously-expressed fragment. Central South University, 2011, 18, 1857-1864.	0.5	5
481	Compiling of comprehensive data of human infections with novel influenza A (H7N9) virus. Frontiers of Medicine, 2013, 7, 275-276.	1.5	5
482	CTL immunogenicity of Rv3615c antigen and diagnostic performances of an ESAT-6/CFP-10/Rv3615c antigen cocktail for Mycobacterium tuberculosis infection. Tuberculosis, 2017, 107, 5-12.	0.8	5
483	Evaluation of Zika Virus-specific T-cell Responses in Immunoprivileged Organs of Infected Ifnar1^{-/-} Mice. Journal of Visualized Experiments, 2018, , .	0.2	5
484	Structural and functional insights into MCR-2 mediated colistin resistance. Science China Life Sciences, 2018, 61, 1432-1436.	2.3	5
485	Salt bridge-forming residues positioned over viral peptides presented by MHC class I impacts T-cell recognition in a binding-dependent manner. Molecular Immunology, 2019, 112, 274-282.	1.0	5
486	HIV prevalence in suspected Ebola cases during the 2014â€"2016 Ebola epidemic in Sierra Leone. Infectious Diseases of Poverty, 2019, 8, 15.	1.5	5

#	Article	IF	Citations
487	Strengthening the role of ethnic minority women in science and medicine in China. Lancet, The, 2019, 393, 527-528.	6.3	5
488	Metagenomic analysis reveals the abundance and diversity of ARGs in children's respiratory tract microbiomes. Journal of Infection, 2020, 80, 232-254.	1.7	5
489	Two immunogenic recombinant protein vaccine candidates showed disparate protective efficacy against Zika virus infection in rhesus macaques. Vaccine, 2021, 39, 915-925.	1.7	5
490	Spatiotemporal visualization for the global COVID-19 surveillance byÂballoon chart. Infectious Diseases of Poverty, 2021, 10, 21.	1.5	5
491	Identification of antibiotic resistance genes and associated mobile genetic elements in permafrost. Science China Life Sciences, 2021, 64, 2210-2213.	2.3	5
492	A Reemergent Case of COVID-19 â€" Harbin City, Heilongjiang Province, China, April 9, 2020. China CDC Weekly, 2020, 2, 460-462.	1.0	5
493	Epidemiological Model Suggests D614G Spike Protein Mutation Accelerates Transmission of COVID-19 â€" Worldwide, 2020. China CDC Weekly, 2020, 2, 946-947.	1.0	5
494	Avian influenza viruses suppress innate immunity by inducing trans-transcriptional readthrough via SSU72. , 2022, 19, 702-714.		5
495	Exploration of immunological responses underpinning severe fever with thrombocytopenia syndrome virus infection reveals IL-6 as a therapeutic target in an immunocompromised mouse model. , 2022, 1, pgac024.		5
496	Heterologous BBIBP-CorV/ZF2001 vaccination augments neutralization against SARS-CoV-2 variants: A preliminary observation. The Lancet Regional Health - Western Pacific, 2022, 21, 100440.	1.3	5
497	Spatiotemporally Orchestrated Interactions between Viral and Cellular Proteins Involved in the Entry of African Swine Fever Virus. Viruses, 2021, 13, 2495.	1.5	5
498	The Impact and Vaccination Coverage of Seasonal Influenza among Children Aged 6â€"59 Months in China in 2017â€"2018: An Internet Panel Survey. Vaccines, 2022, 10, 630.	2.1	5
499	Novel Insights Into the Sulfated Glucuronic Acid-Based Anti-SARS-CoV-2 Mechanism of Exopolysaccharides From Halophilic Archaeon Haloarcula hispanica. Frontiers in Chemistry, 2022, 10, 871509.	1.8	5
500	â€œA friend to man, â€•Dr. Feifan Tang: a story of causative agent of trachoma, from â€œTangâ€™s virusâ€•to Chlamydia trachomatis, to â€œPhylum Chlamydiaeâ€• Protein and Cell, 2011, 2, 349-350.	4.8	4
501	A Universal Influenza Nanovaccine for â€œMixing Vesselâ€•Hosts Confers Potential Ability to Block Crossâ€Species Transmission. Advanced Healthcare Materials, 2019, 8, 1900456.	3.9	4
502	Spatial Analysis of People Living with HIV/AIDS Transmitted Through Commercial Heterosexual Contact or Non-Marital Non-Commercial Heterosexual Contact â€" China, 2018. China CDC Weekly, 2021, 3, 316-319.	1.0	4
503	Diurnal rhythm disruptions induced by chronic unpredictable stress relate to depression-like behaviors in rats. Pharmacology Biochemistry and Behavior, 2021, 204, 173156.	1.3	4
504	NF-ÐºB pathway genes expression in chicken erythrocytes infected with avian influenza virus subtype H9N2. British Poultry Science, 2021, 62, 1-6.	0.8	4

#	Article	IF	Citations
505	Wearing Face Masks - the Simple and Effective Way to Block the Infection Source of COVID-19. China CDC Weekly, 2020, 2, 268-269.	1.0	4
506	A COVID-19 T-Cell Response Detection Method Based on a Newly Identified Human CD8⁺ T Cell Epitope from SARS-CoV-2 â€" Hubei Province, China, 2021. China CDC Weekly, 2022, 4, 83-87.	1.0	4
507	Filling the hole: evidence of a small molecule binding to the fusion core pocket in human respiratory syncytial virus. Expert Opinion on Investigational Drugs, 2005, 14, 195-197.	1.9	3
508	Clinical and virological characteristics of human infections with H7N9 avian influenza virus in Shenzhen, China, 2013â€“2017. Journal of Infection, 2019, 79, 389-399.	1.7	3
509	Genetic and Phylogenetic Characterization of a Chikungunya Virus Imported into Shenzhen, China. Virologica Sinica, 2020, 35, 115-119.	1.2	3
510	Myocarditis and heart function impairment occur in neonatal mice following in utero exposure to the Zika virus. Journal of Cellular and Molecular Medicine, 2021, 25, 2730-2733.	1.6	3
511	Atypical TNF-TNFR superfamily binding interface in the GITR-GITRL complex for TÂcell activation. Cell Reports, 2021, 36, 109734.	2.9	3
512	Peptide Presentations of Marsupial MHC Class I Visualize Immune Features of Lower Mammals Paralleled with Bats. Journal of Immunology, 2021, 207, 2167-2178.	0.4	3
513	Foreword from Editor-in-Chief George F. Gao - China's Outreach to the Worldï¼šPublic Health Goes Global. China CDC Weekly, 2019, 1, 1-2.	1.0	3
514	Mooring stone-like Arg 114 pulls diverse bulged peptides: first insight into African swine fever virus-derived T cell epitopes presented by swine MHC class I. Journal of Virology, 2021, , JVI0137821.	1.5	3
515	Human FcRn Is a Two-in-One Attachment-Uncoating Receptor for Echovirus 18. MBio, 0, , .	1.8	3
516	A47â€ƒOrigin and possible genetic recombination of the middle east respiratory syndrome coronavirus from the first imported case in china: phylogenetics and coalescence analysis. Virus Evolution, 2017, 3, .	2.2	2
517	Lattice-translocation defects in specific crystals of the catalytic head domain of influenza neuraminidase. Acta Crystallographica Section D: Structural Biology, 2020, 76, 1057-1064.	1.1	2
518	Inception of the Modern Public Health System in China and Perspectives for Effective Control of Emerging Infectious Diseases: In Commemoration of the 140th Anniversary of the Birth of the Plague Fighter Dr. Wu Lien-Teh. Virologica Sinica, 2020, 35, 868-874.	1.2	2
519	Fighting Against COVID-19 at the Community Level â€" Wuhan City, Hubei Province, China, 2020. China CDC Weekly, 2020, 2, 463-466.	1.0	2
520	Recent Trends and Challenges with COVID-19 â€" Africa, April 4, 2020. China CDC Weekly, 2020, 2, 365-369.	1.0	2
521	Letâ€™s Get Vaccinated for Both Flu and COVID-19: On the World Flu Day 2021. China CDC Weekly, 2021, 3, 915-917.	1.0	2
522	Machine Learning Approach Effectively Predicts Binding Between SARS-CoV-2 Spike and ACE2 Across Mammalian Species â€" Worldwide, 2021. China CDC Weekly, 2021, 3, 967-972.	1.0	2

#	Article	IF	Citations
523	OUP accepted manuscript. Briefings in Bioinformatics, 2022, , .	3.2	2
524	Powassan virus: A tick borne flavivirus infecting humans. Biosafety and Health, 2022, 4, 30-37.	1.2	2
525	Molecular basis of differential receptor usage for naturally occurring CD55-binding and -nonbinding coxsackievirus B3 strains. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	2
526	An infectious clone of the highly pathogenic porcine reproductive and respiratory syndrome virus: Topology of glycoprotein 3 (GP3) addressing the intrachain disulfide bonds. Science Bulletin, 2011, 56, 2785-2793.	1.7	1
527	Did ZIKV evolve to be more dangerous? A new clue towards neurovirulence. National Science Review, 2018, 5, 121-122.	4.6	1
528	Testing Experimental Therapies in a Guinea Pig Model for Hemorrhagic Fever. Methods in Molecular Biology, 2018, 1604, 269-278.	0.4	1
529	Low Pathogenic Avian Influenza A (H5N7) Virus Isolated from a Domestic Duck in Dongting Lake Wetland of China, 2016. Virologica Sinica, 2019, 34, 97-101.	1.2	1
530	Diversity and abundance of resistome in rhizosphere soil. Science China Life Sciences, 2020, 63, 1946-1949.	2.3	1
531	Crystal structure of the African swine fever virus core shell protein p15. Biosafety and Health, 2021, 3, 116-123.	1.2	1
532	More efforts are needed for background surveys of zoonotic coronaviruses in animals. Cell Reports Medicine, 2022, 3, 100524.	3.3	1
533	Phosphosite-dependent presentation of dual phosphorylated peptides by MHC class I molecules. IScience, 2022, 25, 104013.	1.9	1
534	Multiple RNA virus matrix proteins interact with SLD5 to manipulate host cell cycle. Journal of General Virology, 2021, 102, .	1.3	1
535	An adjusted ELISpot-based immunoassay for evaluation of SARS-CoV-2-specific T-cell responses. Biosafety and Health, 2022, 4, 179-185.	1.2	1
536	1SA2-08 Avian influenza virus : from migratory bird infection to peptide inhibitor discovery(1SA2) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.0	0
537	Linking innate and adaptive immunity. Science Bulletin, 2012, 57, 4100-4102.	1.7	0
538	Implementing immunization program efficiently, and establishing national database of adverse reactions. Science China Life Sciences, 2014, 57, 553-554.	2.3	0
539	Influenza Nanovaccines: A Universal Influenza Nanovaccine for â€œMixing Vesselâ€•Hosts Confers Potential Ability to Block Crossâ€Species Transmission (Adv. Healthcare Mater. 16/2019). Advanced Healthcare Materials, 2019, 8, 1970065.	3.9	0
540	Three Novel Avastroviruses Identified in Dead Wild Crows. Virologica Sinica, 2021, 36, 1673-1677.	1.2	0

#	Article	IF	Citations
541	ERASE: a novel nucleic-acid based antiviral mechanism. Cell Research, 2021, 31, 1142-1143.	5.7	0
542	Development and Customization of a Color-Coded Microbeads-Based Assay for Drug Resistance in HIV-1 Reverse Transcriptase. PLoS ONE, 2014, 9, e109823.	1.1	0
543	Intraâ€host variation and evolutionary dynamics of adenoviruses correlate to neutrophils in infected patients. Journal of Medical Virology, 2022, , .	2.5	0
544	Long-Lasting Virus-Specific T Cell Response with Divergent Features in Self-Resolved and Chronic Hepatitis C Virus Patients 35 Years Postinfection. ImmunoHorizons, 2022, 6, 191-201.	0.8	0
545	Pneumonia Severity and Phase Linked to Virus-Specific T Cell Responses with Distinct Immune Checkpoints during pH1N1 Infection. Journal of Immunology, 2022, , ji2101021.	0.4	0
546	Cover Image, Volume 94, Number 8, August 2022. Journal of Medical Virology, 2022, 94, .	2.5	0