

Yu-Hai Bi

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

187
papers

14,653
citations

42
h-index

120
g-index

199
ext. papers

18,701
ext. citations

10.7
avg, IF

6.53
L-index

#	Paper	IF	Citations
187	SARS-CoV-2 transmissibility compared between variants of concern and vaccination status.. <i>Briefings in Bioinformatics</i> , 2022 ,	13.4	2
186	Nasal delivery of thermostable and broadly neutralizing antibodies protects mice against SARS-CoV-2 infection.. <i>Signal Transduction and Targeted Therapy</i> , 2022 , 7, 55	21	2
185	gcCov: Linked open data for global coronavirus studies 2022 , 1, 92-95		1
184	A tandem-repeat dimeric RBD protein-based COVID-19 vaccine ZF2001 protects mice and nonhuman primates.. <i>Emerging Microbes and Infections</i> , 2022 , 1-39	18.9	5
183	Transcriptome profiling in swine macrophages infected with African swine fever virus at single-cell resolution.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022 , 119, e2201288119	11.5	4
182	Landscapes and dynamic diversifications of B-cell receptor repertoires in COVID-19 patients. <i>Human Immunology</i> , 2021 , 83, 119-119	2.3	3
181	Establishment of human distal lung organoids for SARS-CoV-2 infection. <i>Cell Discovery</i> , 2021 , 7, 108	22.3	1
180	Zanamivir-Cholesterol Conjugate: A Long-Acting Neuraminidase Inhibitor with Potent Efficacy against Drug-Resistant Influenza Viruses. <i>Journal of Medicinal Chemistry</i> , 2021 , 64, 17403-17412	8.3	0
179	Novel reassortment 2.3.4.4b H5N8 highly pathogenic avian influenza viruses circulating in Xinjiang, China.. <i>Preventive Veterinary Medicine</i> , 2021 , 199, 105564	3.1	0
178	Uncovering a conserved vulnerability site in SARS-CoV-2 by a human antibody. <i>EMBO Molecular Medicine</i> , 2021 , 13, e14544	12	1
177	Intratumoral Virotherapy with Wild-Type Newcastle Disease Virus in Carcinoma Krebs-2 Cancer Model. <i>Viruses</i> , 2021 , 13,	6.2	1
176	Avian influenza A (H7N9) virus: from low pathogenic to highly pathogenic. <i>Frontiers of Medicine</i> , 2021 , 15, 507-527	12	8
175	Stability of SARS-CoV-2 on the Surfaces of Three Meats in the Setting That Simulates the Cold Chain Transportation. <i>Virologica Sinica</i> , 2021 , 36, 1069-1072	6.4	5
174	NF- κ B pathway genes expression in chicken erythrocytes infected with avian influenza virus subtype H9N2. <i>British Poultry Science</i> , 2021 , 62, 666-671	1.9	3
173	Reassortment with dominant chicken H9N2 influenza virus contributed to the fifth H7N9 virus human epidemic. <i>Journal of Virology</i> , 2021 ,	6.6	8
172	Distinct durability of IgM/IgG antibody responses in COVID-19 patients with differing severity. <i>Science China Life Sciences</i> , 2021 , 1	8.5	2
171	Adaptation of African swine fever virus to HEK293T cells. <i>Transboundary and Emerging Diseases</i> , 2021 , 68, 2853-2866	4.2	10

170	Comparative study on virus shedding patterns in nasopharyngeal and fecal specimens of COVID-19 patients. <i>Science China Life Sciences</i> , 2021 , 64, 486-488	8.5	58
169	ORF3a of the COVID-19 virus SARS-CoV-2 blocks HOPS complex-mediated assembly of the SNARE complex required for autolysosome formation. <i>Developmental Cell</i> , 2021 , 56, 427-442.e5	10.2	110
168	Computational predicting the human infectivity of H7N9 influenza viruses isolated from avian hosts. <i>Transboundary and Emerging Diseases</i> , 2021 , 68, 846-856	4.2	3
167	Genetic tracing of HCoV-19 for the re-emerging outbreak of COVID-19 in Beijing, China. <i>Protein and Cell</i> , 2021 , 12, 4-6	7.2	8
166	Novel reassortant 2.3.4.4B H5N6 highly pathogenic avian influenza viruses circulating among wild, domestic birds in Xinjiang, Northwest China. <i>Journal of Veterinary Science</i> , 2021 , 22, e43	1.6	3
165	Re-emergence of H5N8 highly pathogenic avian influenza virus in wild birds, China. <i>Emerging Microbes and Infections</i> , 2021 , 10, 1819-1823	18.9	4
164	COVID-19 reinfection in the presence of neutralizing antibodies. <i>National Science Review</i> , 2021 , 8, nwab0068	10.68	14
163	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. <i>Cellular and Molecular Immunology</i> , 2021 , 18, 1064-1066	15.4	8
162	The molecular basis for SARS-CoV-2 binding to dog ACE2. <i>Nature Communications</i> , 2021 , 12, 4195	17.4	17
161	A synthetic nanobody targeting RBD protects hamsters from SARS-CoV-2 infection. <i>Nature Communications</i> , 2021 , 12, 4635	17.4	15
160	A recombinant receptor-binding domain in trimeric form generates protective immunity against SARS-CoV-2 infection in nonhuman primates. <i>Innovation(China)</i> , 2021 , 2, 100140	17.8	3
159	Identification of novel bat coronaviruses sheds light on the evolutionary origins of SARS-CoV-2 and related viruses. <i>Cell</i> , 2021 , 184, 4380-4391.e14	56.2	99
158	Assessing the extent of community spread caused by mink-derived SARS-CoV-2 variants. <i>Innovation(China)</i> , 2021 , 2, 100128	17.8	5
157	More diversified antibiotic resistance genes in chickens and workers of the live poultry markets. <i>Environment International</i> , 2021 , 153, 106534	12.9	11
156	Synergistic Effect between 3' Terminal Noncoding and Adjacent Coding Regions of the Influenza A Virus Hemagglutinin Segment on Template Preference. <i>Journal of Virology</i> , 2021 , 95, e0087821	6.6	1
155	Establishment of a humanized swine model for COVID-19. <i>Cell Discovery</i> , 2021 , 7, 70	22.3	3
154	Three Novel Avastroviruses Identified in Dead Wild Crows. <i>Virologica Sinica</i> , 2021 , 1	6.4	
153	The self-assembled nanoparticle-based trimeric RBD mRNA vaccine elicits robust and durable protective immunity against SARS-CoV-2 in mice. <i>Signal Transduction and Targeted Therapy</i> , 2021 , 6, 340 ²¹		6

152	Potent inhibition of Severe Acute Respiratory Syndrome Coronavirus 2 by photosensitizers compounds. <i>Dyes and Pigments</i> , 2021 , 194, 109570	4.6	2
151	Ecology of avian influenza viruses in migratory birds wintering within the Yangtze River wetlands. <i>Science Bulletin</i> , 2021 , 66, 2014-2024	10.6	2
150	Integrating PCR-free amplification and synergistic sensing for ultrasensitive and rapid CRISPR/Cas12a-based SARS-CoV-2 antigen detection. <i>Synthetic and Systems Biotechnology</i> , 2021 , 6, 283-291	4.2	4
149	Integrated gut virome and bacteriome dynamics in COVID-19 patients. <i>Gut Microbes</i> , 2021 , 13, 1-21	8.8	32
148	Recombinant chimpanzee adenovirus AdC7 expressing dimeric tandem-repeat spike protein RBD protects mice against COVID-19. <i>Emerging Microbes and Infections</i> , 2021 , 10, 1574-1588	18.9	3
147	VarEPS: an evaluation and prewarning system of known and virtual variations of SARS-CoV-2 genomes. <i>Nucleic Acids Research</i> , 2021 ,	20.1	2
146	A reassortant highly pathogenic avian influenza H5N6 virus originating from the wildbird-origin H5N6 and the poultry H9N2/H7N9 viruses in Xinjiang, China. <i>Medycyna Weterynaryjna</i> , 2021 , 77, 6532-2021	1.4	2
145	Mink is a highly susceptible host species to circulating human and avian influenza viruses. <i>Emerging Microbes and Infections</i> , 2021 , 10, 472-480	18.9	4
144	Rapid Emergence of the Reassortant 2.3.4.4b H5N2 Highly Pathogenic Avian Influenza Viruses in a Live Poultry Market in Xinjiang, Northwest China.. <i>Avian Diseases</i> , 2021 , 65, 578-583	1.6	1
143	A Novel Bat Coronavirus Closely Related to SARS-CoV-2 Contains Natural Insertions at the S1/S2 Cleavage Site of the Spike Protein. <i>Current Biology</i> , 2020 , 30, 2196-2203.e3	6.3	319
142	A noncompeting pair of human neutralizing antibodies block COVID-19 virus binding to its receptor ACE2. <i>Science</i> , 2020 , 368, 1274-1278	33.3	682
141	A newly developed real-time PCR assay for discriminating influenza B virus Yamagata and Victoria lineages. <i>Journal of Medical Virology</i> , 2020 , 92, 3067	19.7	0
140	Assessing the role of live poultry trade in community-structured transmission of avian influenza in China. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 5949-5954	11.5	16
139	Metagenomic analysis reveals the microbiome and resistome in migratory birds. <i>Microbiome</i> , 2020 , 8, 26	16.6	49
138	Prevalent Eurasian avian-like H1N1 swine influenza virus with 2009 pandemic viral genes facilitating human infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 17204-17210	11.5	98
137	Comparative genomic analysis reveals an OpenTpan-genome of African swine fever virus. <i>Transboundary and Emerging Diseases</i> , 2020 , 67, 1553-1562	4.2	11
136	Genomic characterisation and epidemiology of 2019 novel coronavirus: implications for virus origins and receptor binding. <i>Lancet, The</i> , 2020 , 395, 565-574	40	6394
135	Adaption and parallel evolution of human-isolated H5 avian influenza viruses. <i>Journal of Infection</i> , 2020 , 80, 630-638	18.9	4

134	An R195K Mutation in the PA-X Protein Increases the Virulence and Transmission of Influenza A Virus in Mammalian Hosts. <i>Journal of Virology</i> , 2020 , 94,	6.6	20
133	H7N9 Influenza Virus Containing a Polybasic HA Cleavage Site Requires Minimal Host Adaptation to Obtain a Highly Pathogenic Disease Phenotype in Mice. <i>Viruses</i> , 2020 , 12,	6.2	1
132	Epidemiological Model Suggests D614G Spike Protein Mutation Accelerates Transmission of COVID-19 - Worldwide, 2020. <i>China CDC Weekly</i> , 2020 , 2, 946-947	4	4
131	Uncovering two phases of early intercontinental COVID-19 transmission dynamics. <i>Journal of Travel Medicine</i> , 2020 , 27,	12.9	14
130	Long-lasting protective immunity against H7N9 infection is induced by intramuscular or CpG-adjuvanted intranasal immunization with the split H7N9 vaccine. <i>International Immunopharmacology</i> , 2020 , 78, 106013	5.8	5
129	Global COVID-19 pandemic demands joint interventions for the suppression of future waves. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 26151-26157	11.5	22
128	Integration of gene expression profile data to screen and verify immune-related genes of chicken erythrocytes involved in Marek's disease virus. <i>Microbial Pathogenesis</i> , 2020 , 148, 104454	3.8	2
127	Inference of person-to-person transmission of COVID-19 reveals hidden super-spreading events during the early outbreak phase. <i>Nature Communications</i> , 2020 , 11, 5006	17.4	49
126	Rapid humoral immune responses are required for recovery from haemorrhagic fever with renal syndrome patients. <i>Emerging Microbes and Infections</i> , 2020 , 9, 2303-2314	18.9	1
125	Single-Cell Sequencing of Peripheral Mononuclear Cells Reveals Distinct Immune Response Landscapes of COVID-19 and Influenza Patients. <i>Immunity</i> , 2020 , 53, 685-696.e3	32.3	148
124	Dominant subtype switch in avian influenza viruses during 2016-2019 in China. <i>Nature Communications</i> , 2020 , 11, 5909	17.4	35
123	Structure-Based Modification of an Anti-neuraminidase Human Antibody Restores Protection Efficacy against the Drifted Influenza Virus. <i>MBio</i> , 2020 , 11,	7.8	5
122	Dynamic PB2-E627K substitution of influenza H7N9 virus indicates the in vivo genetic tuning and rapid host adaptation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 23807-23814	11.5	10
121	Emerging HxNy Influenza A Viruses. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2020 ,	5.4	11
120	Genetic and Phylogenetic Characterization of a Chikungunya Virus Imported into Shenzhen, China. <i>Virologica Sinica</i> , 2020 , 35, 115-119	6.4	0
119	A Novel Bacterium-Like Particle Vaccine Displaying the MERS-CoV Receptor-Binding Domain Induces Specific Mucosal and Systemic Immune Responses in Mice. <i>Viruses</i> , 2019 , 11,	6.2	14
118	Delayed peak of human infections and ongoing reassortment of H7N9 avian influenza virus in the newly affected western Chinese provinces during Wave Five. <i>International Journal of Infectious Diseases</i> , 2019 , 88, 80-87	10.5	1
117	Emergence of a Novel Strain, Harboring the Major Immunogenic Glycoprotein trp36 with Unique Tandem Repeat and C-Terminal Region Sequences, in <i>Haemaphysalis hystricis</i> Ticks Removed from Free-Ranging Sheep in Hainan Province, China. <i>Microorganisms</i> , 2019 , 7,	4.9	6

116	Induction of PGRN by influenza virus inhibits the antiviral immune responses through downregulation of type I interferons signaling. <i>PLoS Pathogens</i> , 2019 , 15, e1008062	7.6	17
115	Comparison between human infections caused by highly and low pathogenic H7N9 avian influenza viruses in Wave Five: Clinical and virological findings. <i>Journal of Infection</i> , 2019 , 78, 241-248	18.9	26
114	Diverse biological characteristics and varied virulence of H7N9 from Wave 5. <i>Emerging Microbes and Infections</i> , 2019 , 8, 94-102	18.9	12
113	Human Neonatal Fc Receptor Is the Cellular Uncoating Receptor for Enterovirus B. <i>Cell</i> , 2019 , 177, 1553-1565.e16	36.5	34
112	Rift Valley Fever Virus and Yellow Fever Virus in Urine: A Potential Source of Infection. <i>Virologica Sinica</i> , 2019 , 34, 342-345	6.4	3
111	Antibiotic resistance gene reservoir in live poultry markets. <i>Journal of Infection</i> , 2019 , 78, 445-453	18.9	22
110	Neutralization mechanism of human monoclonal antibodies against Rift Valley fever virus. <i>Nature Microbiology</i> , 2019 , 4, 1231-1241	26.6	22
109	Clinical and Immunological Characteristics of Human Infections With H5N6 Avian Influenza Virus. <i>Clinical Infectious Diseases</i> , 2019 , 68, 1100-1109	11.6	35
108	Clinical and virological characteristics of human infections with H7N9 avian influenza virus in Shenzhen, China, 2013-2017. <i>Journal of Infection</i> , 2019 , 79, 389-399	18.9	3
107	The Emergence of Avian Orthoavulavirus 13 in Wild Migratory Waterfowl in China Revealed the Existence of Diversified Trailer Region Sequences and HN Gene Lengths within this Serotype. <i>Viruses</i> , 2019 , 11,	6.2	3
106	Genetically Modified Rabies Virus Vector-Based Rift Valley Fever Virus Vaccine is Safe and Induces Efficacious Immune Responses in Mice. <i>Viruses</i> , 2019 , 11,	6.2	8
105	Avian Influenza A Viruses among Occupationally Exposed Populations, China, 2014-2016. <i>Emerging Infectious Diseases</i> , 2019 , 25, 2215-2225	10.2	19
104	Avian-to-Human Receptor-Binding Adaptation of Avian H7N9 Influenza Virus Hemagglutinin. <i>Cell Reports</i> , 2019 , 29, 2217-2228.e5	10.6	18
103	Cryo-EM Structure of the African Swine Fever Virus. <i>Cell Host and Microbe</i> , 2019 , 26, 836-843.e3	23.4	56
102	Equine-Origin Immunoglobulin Fragments Protect Nonhuman Primates from Ebola Virus Disease. <i>Journal of Virology</i> , 2019 , 93,	6.6	12
101	Naturally Occurring Single Mutations in Ebola Virus Observably Impact Infectivity. <i>Journal of Virology</i> , 2019 , 93,	6.6	18
100	A novel recombinant attenuated Newcastle disease virus expressing H9 subtype hemagglutinin protected chickens from challenge by genotype VII virulent Newcastle disease virus and H9N2 avian influenza virus. <i>Veterinary Microbiology</i> , 2019 , 228, 173-180	3.3	11
99	Continued reassortment of avian H6 influenza viruses from Southern China, 2014-2016. <i>Transboundary and Emerging Diseases</i> , 2019 , 66, 592-598	4.2	11

98	Vertical Transmission of the Zika Virus Causes Neurological Disorders in Mouse Offspring. <i>Scientific Reports</i> , 2018 , 8, 3541	4.9	25
97	Three amino acid substitutions in the NS1 protein change the virus replication of H5N1 influenza virus in human cells. <i>Virology</i> , 2018 , 519, 64-73	3.6	7
96	Bat-Origin Coronaviruses Expand Their Host Range to Pigs. <i>Trends in Microbiology</i> , 2018 , 26, 466-470	12.4	34
95	Characterization of avian influenza H9N2 viruses isolated from ostriches (<i>Struthio camelus</i>). <i>Scientific Reports</i> , 2018 , 8, 2273	4.9	11
94	Recombinant Chimpanzee Adenovirus Vaccine AdC7-M/E Protects against Zika Virus Infection and Testis Damage. <i>Journal of Virology</i> , 2018 , 92,	6.6	55
93	New Threats from H7N9 Influenza Virus: Spread and Evolution of High- and Low-Pathogenicity Variants with High Genomic Diversity in Wave Five. <i>Journal of Virology</i> , 2018 , 92,	6.6	67
92	Emergence and Adaptation of a Novel Highly Pathogenic H7N9 Influenza Virus in Birds and Humans from a 2013 Human-Infecting Low-Pathogenic Ancestor. <i>Journal of Virology</i> , 2018 , 92,	6.6	72
91	Testing Experimental Therapies in a Guinea Pig Model for Hemorrhagic Fever. <i>Methods in Molecular Biology</i> , 2018 , 1604, 269-278	1.4	1
90	A new threat to human reproduction system posed by Zika virus (ZIKV): From clinical investigations to experimental studies. <i>Virus Research</i> , 2018 , 254, 10-14	6.4	5
89	Prolonged Evolution of Virus-Specific Memory T Cell Immunity after Severe Avian Influenza A (H7N9) Virus Infection. <i>Journal of Virology</i> , 2018 , 92,	6.6	16
88	Enhanced Replication of Virulent Newcastle Disease Virus in Chicken Macrophages Is due to Polarized Activation of Cells by Inhibition of TLR7. <i>Frontiers in Immunology</i> , 2018 , 9, 366	8.4	15
87	Genomic characterizations of H4 subtype avian influenza viruses from live poultry markets in Sichuan province of China, 2014-2015. <i>Science China Life Sciences</i> , 2018 , 61, 1123-1126	8.5	6
86	Live Poultry Trading Drives China's H7N9 Viral Evolution and Geographical Network Propagation. <i>Frontiers in Public Health</i> , 2018 , 6, 210	6	8
85	Heterosubtypic Protections against Human-Infecting Avian Influenza Viruses Correlate to Biased Cross-T-Cell Responses. <i>MBio</i> , 2018 , 9,	7.8	17
84	Development of a quadruple qRT-PCR assay for simultaneous identification of highly and low pathogenic H7N9 avian influenza viruses and characterization against oseltamivir resistance. <i>BMC Infectious Diseases</i> , 2018 , 18, 406	4	11
83	Transcripts of antibacterial peptides in chicken erythrocytes infected with Marek's disease virus. <i>BMC Veterinary Research</i> , 2018 , 14, 363	2.7	7
82	On the Centenary of the Spanish Flu: Being Prepared for the Next Pandemic. <i>Virologica Sinica</i> , 2018 , 33, 463-466	6.4	12
81	Characterization of Avian-like Influenza A (H4N6) Virus Isolated from Caspian Seal in 2012. <i>Virologica Sinica</i> , 2018 , 33, 449-452	6.4	6

80	Phylogenomic analysis unravels evolution of yellow fever virus within hosts. <i>PLoS Neglected Tropical Diseases</i> , 2018 , 12, e0006738	4.8	16
79	Biological and phylogenetic characterization of a novel hemagglutination-negative avian avulavirus 6 isolated from wild waterfowl in China. <i>Transboundary and Emerging Diseases</i> , 2018 , 65, 1421-1428	4.2	3
78	Cellular-Beacon-Mediated Counting for the Ultrasensitive Detection of Ebola Virus on an Integrated Micromagnetic Platform. <i>Analytical Chemistry</i> , 2018 , 90, 7310-7317	7.8	16
77	Phosphorylation and dephosphorylation of threonine 188 in nucleoprotein is crucial for the replication of influenza A virus. <i>Virology</i> , 2018 , 520, 30-38	3.6	13
76	Standardized assays for determining the catalytic activity and kinetics of peroxidase-like nanozymes. <i>Nature Protocols</i> , 2018 , 13, 1506-1520	18.8	336
75	M Gene Reassortment in H9N2 Influenza Virus Promotes Early Infection and Replication: Contribution to Rising Virus Prevalence in Chickens in China. <i>Journal of Virology</i> , 2017 , 91,	6.6	30
74	Zika virus in the testes: should we be worried?. <i>Protein and Cell</i> , 2017 , 8, 162-164	7.2	2
73	Cryptosporin acid E from <i>Cryptosporidium parvum</i> inhibits influenza virus replication in vitro. <i>Antiviral Research</i> , 2017 , 143, 106-112	10.8	7
72	Human infections with recently-emerging highly pathogenic H7N9 avian influenza virus in China. <i>Journal of Infection</i> , 2017 , 75, 71-75	18.9	115
71	Development of a reverse transcription quantitative polymerase chain reaction-based assay for broad coverage detection of African and Asian Zika virus lineages. <i>Virologica Sinica</i> , 2017 , 32, 199-206	6.4	10
70	Ultrasensitive Ebola Virus Detection Based on Electroluminescent Nanospheres and Immunomagnetic Separation. <i>Analytical Chemistry</i> , 2017 , 89, 2039-2048	7.8	45
69	Detection and differentiation of influenza viruses with glycan-functionalized gold nanoparticles. <i>Biosensors and Bioelectronics</i> , 2017 , 91, 46-52	11.8	39
68	Highly Pathogenic Avian Influenza A(H5N8) Virus in Wild Migratory Birds, Qinghai Lake, China. <i>Emerging Infectious Diseases</i> , 2017 , 23, 637-641	10.2	66
67	CD8 T Cell Immune Response in Immunocompetent Mice during Zika Virus Infection. <i>Journal of Virology</i> , 2017 , 91,	6.6	79
66	Clinical Evaluation of Ebola Virus Disease Therapeutics. <i>Trends in Molecular Medicine</i> , 2017 , 23, 820-830	11.5	14
65	Structures of phlebovirus glycoprotein Gn and identification of a neutralizing antibody epitope. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E7564-E7573	11.5	58
64	Avian-to-Human Receptor-Binding Adaptation by Influenza A Virus Hemagglutinin H4. <i>Cell Reports</i> , 2017 , 20, 1201-1214	10.6	34
63	Dual-Signal Readout Nanospheres for Rapid Point-of-Care Detection of Ebola Virus Glycoprotein. <i>Analytical Chemistry</i> , 2017 , 89, 13105-13111	7.8	91

62	Threonine 80 phosphorylation of non-structural protein 1 regulates the replication of influenza A virus by reducing the binding affinity with RIG-I. <i>Cellular Microbiology</i> , 2017 , 19, e12643	3.9	17
61	Dispersal and Transmission of Avian Paramyxovirus Serotype 4 among Wild Birds and Domestic Poultry. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017 , 7, 212	5.9	11
60	Cyclophilin A-regulated ubiquitination is critical for RIG-I-mediated antiviral immune responses. <i>ELife</i> , 2017 , 6,	8.9	42
59	Characterization of avian paramyxovirus type 6 isolated from a Eurasian teal in the intersection of migratory flyways in Russia. <i>Archives of Virology</i> , 2016 , 161, 3275-9	2.6	3
58	Novel avian influenza A (H5N6) viruses isolated in migratory waterfowl before the first human case reported in China, 2014. <i>Scientific Reports</i> , 2016 , 6, 29888	4.9	46
57	Treatment with hyperimmune equine immunoglobulin or immunoglobulin fragments completely protects rodents from Ebola virus infection. <i>Scientific Reports</i> , 2016 , 6, 24179	4.9	28
56	Ribavirin is effective against drug-resistant H7N9 influenza virus infections. <i>Protein and Cell</i> , 2016 , 7, 611-4	7.2	8
55	Highly pathogenic avian influenza H5N1 Clade 2.3.2.1c virus in migratory birds, 2014-2015. <i>Virologica Sinica</i> , 2016 , 31, 300-5	6.4	28
54	Intra-host dynamics of Ebola virus during 2014. <i>Nature Microbiology</i> , 2016 , 1, 16151	26.6	54
53	More Challenges From Ebola: Infection of the Central Nervous System. <i>Journal of Infectious Diseases</i> , 2016 , 214, S294-S296	7	14
52	Cross-immunity Against Avian Influenza A(H7N9) Virus in the Healthy Population Is Affected by Antigenicity-Dependent Substitutions. <i>Journal of Infectious Diseases</i> , 2016 , 214, 1937-1946	7	18
51	Rapid and sensitive detection of Zika virus by reverse transcription loop-mediated isothermal amplification. <i>Journal of Virological Methods</i> , 2016 , 238, 86-93	2.6	49
50	Structure-Based Tetraivalent Zanamivir with Potent Inhibitory Activity against Drug-Resistant Influenza Viruses. <i>Journal of Medicinal Chemistry</i> , 2016 , 59, 6303-12	8.3	20
49	Highly diversified Zika viruses imported to China, 2016. <i>Protein and Cell</i> , 2016 , 7, 461-4	7.2	46
48	Epidemiology, Genetic Recombination, and Pathogenesis of Coronaviruses. <i>Trends in Microbiology</i> , 2016 , 24, 490-502	12.4	1599
47	Diagnostic strategies for Ebola virus detection. <i>Lancet Infectious Diseases</i> , 2016 , 16, 294-5	25.5	5
46	Changes in the Length of the Neuraminidase Stalk Region Impact H7N9 Virulence in Mice. <i>Journal of Virology</i> , 2016 , 90, 2142-9	6.6	23
45	Genetic and biological characterization of Zika virus from human cases imported through Shenzhen Port. <i>Chinese Science Bulletin</i> , 2016 , 61, 2463-2474	2.9	11

44	Nosocomial Co-Transmission of Avian Influenza A(H7N9) and A(H1N1)pdm09 Viruses between 2 Patients with Hematologic Disorders. <i>Emerging Infectious Diseases</i> , 2016 , 22, 598-607	10.2	19
43	Cyclophilin A protects mice against infection by influenza A virus. <i>Scientific Reports</i> , 2016 , 6, 28978	4.9	14
42	Genesis, Evolution and Prevalence of H5N6 Avian Influenza Viruses in China. <i>Cell Host and Microbe</i> , 2016 , 20, 810-821	23.4	187
41	First documented case of avian influenza (H5N1) virus infection in a lion. <i>Emerging Microbes and Infections</i> , 2016 , 5, e125	18.9	11
40	Molecular determinants of human neutralizing antibodies isolated from a patient infected with Zika virus. <i>Science Translational Medicine</i> , 2016 , 8, 369ra179	17.5	152
39	A new reassortment of influenza A (H7N9) virus causing human infection in Beijing, 2014. <i>Scientific Reports</i> , 2016 , 6, 26624	4.9	7
38	Robust Lys63-Linked Ubiquitination of RIG-I Promotes Cytokine Eruption in Early Influenza B Virus Infection. <i>Journal of Virology</i> , 2016 , 90, 6263-6275	6.6	19
37	A Raf kinase inhibitor demonstrates antiviral activities both in vitro and in vivo against different genotypes of virulent Newcastle disease virus. <i>Antiviral Research</i> , 2016 , 133, 140-4	10.8	2
36	Resistance to Mutant Group 2 Influenza Virus Neuraminidases of an Oseltamivir-Zanamivir Hybrid Inhibitor. <i>Journal of Virology</i> , 2016 , 90, 10693-10700	6.6	14
35	Two novel reassortants of avian influenza A (H5N6) virus in China. <i>Journal of General Virology</i> , 2015 , 96, 975-981	4.9	79
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28	High Genetic Diversity of Newcastle Disease Virus in Wild and Domestic Birds in Northeastern China from 2013 to 2015 Reveals Potential Epidemic Trends. <i>Applied and Environmental Microbiology</i> , 2015 , 82, 1530-1536	4.8	17
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10	A potent synthetic nanobody targets RBD and protects mice from SARS-CoV-2 infection		5
9	A novel bat coronavirus reveals natural insertions at the S1/S2 cleavage site of the Spike protein and a possible recombinant origin of HCoV-19		22

8	A non-competing pair of human neutralizing antibodies block COVID-19 virus binding to its receptor ACE2	13
7	A potent synthetic nanobody targets RBD and protects mice from SARS-CoV-2 infection	16
6	Landscapes and dynamic diversifications of B-cell receptor repertoires in COVID-19 patients	1
5	A recombinant receptor-binding domain in trimeric form generates completely protective immunity against SARS-CoV-2 infection in nonhuman primates	1
4	Identification of novel bat coronaviruses sheds light on the evolutionary origins of SARS-CoV-2 and related viruses	9
3	A tandem-repeat dimeric RBD protein-based COVID-19 vaccine ZF2001 protects mice and nonhuman primates	5
2	Comparative evaluation of the transmissibility of SARS-CoV-2 variants of concern	1
1	Surveillance of SARS-CoV-2 in the environment and animal samples of the Huanan Seafood Market	6