Yu-Hai Bi

List of Publications by Citations

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	Genomic characterisation and epidemiology of 2019 novel coronavirus: implications for virus origins and receptor binding. *Lancet, The*, **2020**, 395, 565-574	40	6394
186	Epidemiology, Genetic Recombination, and Pathogenesis of Coronaviruses. *Trends in Microbiology*, **2016**, 24, 490-502	12.4	1599
185	A noncompeting pair of human neutralizing antibodies block COVID-19 virus binding to its receptor ACE2. *Science*, **2020**, 368, 1274-1278	33.3	682
184	Origin and diversity of novel avian influenza A H7N9 viruses causing human infection: phylogenetic, structural, and coalescent analyses. *Lancet, The*, **2013**, 381, 1926-32	40	436
183	Standardized assays for determining the catalytic activity and kinetics of peroxidase-like nanozymes. *Nature Protocols*, **2018**, 13, 1506-1520	18.8	336
182	A Novel Bat Coronavirus Closely Related to SARS-CoV-2 Contains Natural Insertions at the S1/S2 Cleavage Site of the Spike Protein. *Current Biology*, **2020**, 30, 2196-2203.e3	6.3	319
181	MERS, SARS, and Ebola: The Role of Super-Spreaders in Infectious Disease. *Cell Host and Microbe*, **2015**, 18, 398-401	23.4	224
180	Structures and receptor binding of hemagglutinins from human-infecting H7N9 influenza viruses. *Science*, **2013**, 342, 243-7	33.3	206
179	Genesis, Evolution and Prevalence of H5N6 Avian Influenza Viruses in China. *Cell Host and Microbe*, **2016**, 20, 810-821	23.4	187
178	Epidemiology, Evolution, and Recent Outbreaks of Avian Influenza Virus in China. *Journal of Virology*, **2015**, 89, 8671-6	6.6	177
177	Molecular determinants of human neutralizing antibodies isolated from a patient infected with Zika virus. *Science Translational Medicine*, **2016**, 8, 369ra179	17.5	152
176	Single-Cell Sequencing of Peripheral Mononuclear Cells Reveals Distinct Immune Response Landscapes of COVID-19 and Influenza Patients. *Immunity*, **2020**, 53, 685-696.e3	32.3	148
175	High genetic compatibility and increased pathogenicity of reassortants derived from avian H9N2 and pandemic H1N1/2009 influenza viruses. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 4164-9	11.5	142
174	Human infections with recently-emerging highly pathogenic H7N9 avian influenza virus in China. *Journal of Infection*, **2017**, 75, 71-75	18.9	115
173	ORF3a of the COVID-19 virus SARS-CoV-2 blocks HOPS complex-mediated assembly of the SNARE complex required for autolysosome formation. *Developmental Cell*, **2021**, 56, 427-442.e5	10.2	110
172	Identification of novel bat coronaviruses sheds light on the evolutionary origins of SARS-CoV-2 and related viruses. *Cell*, **2021**, 184, 4380-4391.e14	56.2	99
171	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	11.5	98

170	Dual-Signal Readout Nanospheres for Rapid Point-of-Care Detection of Ebola Virus Glycoprotein. *Analytical Chemistry*, **2017**, 89, 13105-13111	7.8	91
169	Two novel reassortants of avian influenza A (H5N6) virus in China. *Journal of General Virology*, **2015**, 96, 975-981	4.9	79
168	CD8 T Cell Immune Response in Immunocompetent Mice during Zika Virus Infection. *Journal of Virology*, **2017**, 91,	6.6	79
167	Characterization of two distinct neuraminidases from avian-origin human-infecting H7N9 influenza viruses. *Cell Research*, **2013**, 23, 1347-55	24.7	77
166	Human infection with influenza virus A(H10N8) from live poultry markets, China, 2014. *Emerging Infectious Diseases*, **2014**, 20, 2076-9	10.2	75
165	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,	6.6	72
164	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,	6.6	67
163	Highly Pathogenic Avian Influenza A(H5N8) Virus in Wild Migratory Birds, Qinghai Lake, China. *Emerging Infectious Diseases*, **2017**, 23, 637-641	10.2	66
162	MERS in South Korea and China: a potential outbreak threat?. *Lancet, The*, **2015**, 385, 2349-50	40	62
161	Assessment of the internal genes of influenza A (H7N9) virus contributing to high pathogenicity in mice. *Journal of Virology*, **2015**, 89, 2-13	6.6	60
160	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	11.5	58
159	Comparative study on virus shedding patterns in nasopharyngeal and fecal specimens of COVID-19 patients. *Science China Life Sciences*, **2021**, 64, 486-488	8.5	58
158	A nuclear export signal in the matrix protein of Influenza A virus is required for efficient virus replication. *Journal of Virology*, **2012**, 86, 4883-91	6.6	57
157	Cryo-EM Structure of the African Swine Fever Virus. *Cell Host and Microbe*, **2019**, 26, 836-843.e3	23.4	56
156	Recombinant Chimpanzee Adenovirus Vaccine AdC7-M/E Protects against Zika Virus Infection and Testis Damage. *Journal of Virology*, **2018**, 92,	6.6	55
155	Intra-host dynamics of Ebola virus during 2014. *Nature Microbiology*, **2016**, 1, 16151	26.6	54
154	Metagenomic analysis reveals the microbiome and resistome in migratory birds. *Microbiome*, **2020**, 8, 26	16.6	49
153	Rapid and sensitive detection of Zika virus by reverse transcription loop-mediated isothermal amplification. *Journal of Virological Methods*, **2016**, 238, 86-93	2.6	49

152	Inference of person-to-person transmission of COVID-19 reveals hidden super-spreading events during the early outbreak phase. *Nature Communications*, **2020**, 11, 5006	17.4	49
151	Novel avian influenza A (H5N6) viruses isolated in migratory waterfowl before the first human case reported in China, 2014. *Scientific Reports*, **2016**, 6, 29888	4.9	46
150	Highly diversified Zika viruses imported to China, 2016. *Protein and Cell*, **2016**, 7, 461-4	7.2	46
149	Identification and characterization of three novel nuclear export signals in the influenza A virus nucleoprotein. *Journal of Virology*, **2012**, 86, 4970-80	6.6	46
148	Ultrasensitive Ebola Virus Detection Based on Electroluminescent Nanospheres and Immunomagnetic Separation. *Analytical Chemistry*, **2017**, 89, 2039-2048	7.8	45
147	Novel genetic reassortants in H9N2 influenza A viruses and their diverse pathogenicity to mice. *Virology Journal*, **2011**, 8, 505	6.1	43
146	Cyclophilin A-regulated ubiquitination is critical for RIG-I-mediated antiviral immune responses. *ELife*, **2017**, 6,	8.9	42
145	Tyrosine 132 phosphorylation of influenza A virus M1 protein is crucial for virus replication by controlling the nuclear import of M1. *Journal of Virology*, **2013**, 87, 6182-91	6.6	41
144	A single amino acid at the hemagglutinin cleavage site contributes to the pathogenicity and neurovirulence of H5N1 influenza virus in mice. *Journal of Virology*, **2012**, 86, 6924-31	6.6	40
143	Detection and differentiation of influenza viruses with glycan-functionalized gold nanoparticles. *Biosensors and Bioelectronics*, **2017**, 91, 46-52	11.8	39
142	Highly Pathogenic Avian Influenza A(H5N1) Virus Struck Migratory Birds in China in 2015. *Scientific Reports*, **2015**, 5, 12986	4.9	38
141	Cellular microRNA miR-26a suppresses replication of porcine reproductive and respiratory syndrome virus by activating innate antiviral immunity. *Scientific Reports*, **2015**, 5, 10651	4.9	35
140	Clinical and Immunological Characteristics of Human Infections With H5N6 Avian Influenza Virus. *Clinical Infectious Diseases*, **2019**, 68, 1100-1109	11.6	35
139	Dominant subtype switch in avian influenza viruses during 2016-2019 in China. *Nature Communications*, **2020**, 11, 5909	17.4	35
138	Human Neonatal Fc Receptor Is the Cellular Uncoating Receptor for Enterovirus B. *Cell*, **2019**, 177, 1553-1565.e16	36.2	34
137	Adaptation of avian influenza A (H6N1) virus from avian to human receptor-binding preference. *EMBO Journal*, **2015**, 34, 1661-73	13	34
136	Bat-Origin Coronaviruses Expand Their Host Range to Pigs. *Trends in Microbiology*, **2018**, 26, 466-470	12.4	34
135	Avian-to-Human Receptor-Binding Adaptation by Influenza A Virus Hemagglutinin H4. *Cell Reports*, **2017**, 20, 1201-1214	10.6	34

134	Integrated gut virome and bacteriome dynamics in COVID-19 patients. *Gut Microbes*, **2021**, 13, 1-21	8.8	32
133	M Gene Reassortment in H9N2 Influenza Virus Promotes Early Infection and Replication: Contribution to Rising Virus Prevalence in Chickens in China. *Journal of Virology*, **2017**, 91,	6.6	30
132	Treatment with hyperimmune equine immunoglobulin or immunoglobulin fragments completely protects rodents from Ebola virus infection. *Scientific Reports*, **2016**, 6, 24179	4.9	28
131	Highly pathogenic avian influenza H5N1 Clade 2.3.2.1c virus in migratory birds, 2014-2015. *Virologica Sinica*, **2016**, 31, 300-5	6.4	28
130	Structural basis for preferential avian receptor binding by the human-infecting H10N8 avian influenza virus. *Nature Communications*, **2015**, 6, 5600	17.4	27
129	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	18.9	26
128	Identification of climate factors related to human infection with avian influenza A H7N9 and H5N1 viruses in China. *Scientific Reports*, **2015**, 5, 18094	4.9	26
127	Vertical Transmission of the Zika Virus Causes Neurological Disorders in Mouse Offspring. *Scientific Reports*, **2018**, 8, 3541	4.9	25
126	Changes in the Length of the Neuraminidase Stalk Region Impact H7N9 Virulence in Mice. *Journal of Virology*, **2016**, 90, 2142-9	6.6	23
125	Antibiotic resistance gene reservoir in live poultry markets. *Journal of Infection*, **2019**, 78, 445-453	18.9	22
124	Neutralization mechanism of human monoclonal antibodies against Rift Valley fever virus. *Nature Microbiology*, **2019**, 4, 1231-1241	26.6	22
123	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
122	Global COVID-19 pandemic demands joint interventions for the suppression of future waves. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 26151-26157	11.5	22
121	An R195K Mutation in the PA-X Protein Increases the Virulence and Transmission of Influenza A Virus in Mammalian Hosts. *Journal of Virology*, **2020**, 94,	6.6	20
120	Structure-Based Tetravalent Zanamivir with Potent Inhibitory Activity against Drug-Resistant Influenza Viruses. *Journal of Medicinal Chemistry*, **2016**, 59, 6303-12	8.3	20
119	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	10.2	19
118	Robust Lys63-Linked Ubiquitination of RIG-I Promotes Cytokine Eruption in Early Influenza B Virus Infection. *Journal of Virology*, **2016**, 90, 6263-6275	6.6	19
117	Avian Influenza A Viruses among Occupationally Exposed Populations, China, 2014-2016. *Emerging Infectious Diseases*, **2019**, 25, 2215-2225	10.2	19

116	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	7	18
115	Avian-to-Human Receptor-Binding Adaptation of Avian H7N9 Influenza Virus Hemagglutinin. *Cell Reports*, **2019**, 29, 2217-2228.e5	10.6	18
114	Naturally Occurring Single Mutations in Ebola Virus Observably Impact Infectivity. *Journal of Virology*, **2019**, 93,	6.6	18
113	Induction of PGRN by influenza virus inhibits the antiviral immune responses through downregulation of type I interferons signaling. *PLoS Pathogens*, **2019**, 15, e1008062	7.6	17
112	High Genetic Diversity of Newcastle Disease Virus in Wild and Domestic Birds in Northeastern China from 2013 to 2015 Reveals Potential Epidemic Trends. *Applied and Environmental Microbiology*, **2015**, 82, 1530-1536	4.8	17
111	Heterosubtypic Protections against Human-Infecting Avian Influenza Viruses Correlate to Biased Cross-T-Cell Responses. *MBio*, **2018**, 9,	7.8	17
110	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	3.9	17
109	The molecular basis for SARS-CoV-2 binding to dog ACE2. *Nature Communications*, **2021**, 12, 4195	17.4	17
108	Assessing the role of live poultry trade in community-structured transmission of avian influenza in China. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 5949-5954	11.5	16
107	Prolonged Evolution of Virus-Specific Memory T Cell Immunity after Severe Avian Influenza A (H7N9) Virus Infection. *Journal of Virology*, **2018**, 92,	6.6	16
106	A potent synthetic nanobody targets RBD and protects mice from SARS-CoV-2 infection		16
105	Phylogenomic analysis unravels evolution of yellow fever virus within hosts. *PLoS Neglected Tropical Diseases*, **2018**, 12, e0006738	4.8	16
104	Cellular-Beacon-Mediated Counting for the Ultrasensitive Detection of Ebola Virus on an Integrated Micromagnetic Platform. *Analytical Chemistry*, **2018**, 90, 7310-7317	7.8	16
103	Enhanced Replication of Virulent Newcastle Disease Virus in Chicken Macrophages Is due to Polarized Activation of Cells by Inhibition of TLR7. *Frontiers in Immunology*, **2018**, 9, 366	8.4	15
102	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	3.3	15
101	A synthetic nanobody targeting RBD protects hamsters from SARS-CoV-2 infection. *Nature Communications*, **2021**, 12, 4635	17.4	15
100	A Novel Bacterium-Like Particle Vaccine Displaying the MERS-CoV Receptor-Binding Domain Induces Specific Mucosal and Systemic Immune Responses in Mice. *Viruses*, **2019**, 11,	6.2	14
99	More Challenges From Ebola: Infection of the Central Nervous System. *Journal of Infectious Diseases*, **2016**, 214, S294-S296	7	14

98	Clinical Evaluation of Ebola Virus Disease Therapeutics. *Trends in Molecular Medicine*, **2017**, 23, 820-830	11.5	14
97	Uncovering two phases of early intercontinental COVID-19 transmission dynamics. *Journal of Travel Medicine*, **2020**, 27,	12.9	14
96	Cyclophilin A protects mice against infection by influenza A virus. *Scientific Reports*, **2016**, 6, 28978	4.9	14
95	Resistance to Mutant Group 2 Influenza Virus Neuraminidases of an Oseltamivir-Zanamivir Hybrid Inhibitor. *Journal of Virology*, **2016**, 90, 10693-10700	6.6	14
94	COVID-19 reinfection in the presence of neutralizing antibodies. *National Science Review*, **2021**, 8, nwab068	16.8	14
93	A non-competing pair of human neutralizing antibodies block COVID-19 virus binding to its receptor ACE2		13
92	Phosphorylation and dephosphorylation of threonine 188 in nucleoprotein is crucial for the replication of influenza A virus. *Virology*, **2018**, 520, 30-38	3.6	13
91	Diverse biological characteristics and varied virulence of H7N9 from Wave 5. *Emerging Microbes and Infections*, **2019**, 8, 94-102	18.9	12
90	Characteristics of nucleocytoplasmic transport of H1N1 influenza A virus nuclear export protein. *Journal of Virology*, **2014**, 88, 7455-63	6.6	12
89	Equine-Origin Immunoglobulin Fragments Protect Nonhuman Primates from Ebola Virus Disease. *Journal of Virology*, **2019**, 93,	6.6	12
88	On the Centenary of the Spanish Flu: Being Prepared for the Next Pandemic. *Virologica Sinica*, **2018**, 33, 463-466	6.4	12
87	Comparative genomic analysis reveals an ṪopenTpan-genome of African swine fever virus. *Transboundary and Emerging Diseases*, **2020**, 67, 1553-1562	4.2	11
86	Characterization of avian influenza H9N2 viruses isolated from ostriches (Struthio camelus). *Scientific Reports*, **2018**, 8, 2273	4.9	11
85	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	4	11
84	Dispersal and Transmission of Avian Paramyxovirus Serotype 4 among Wild Birds and Domestic Poultry. *Frontiers in Cellular and Infection Microbiology*, **2017**, 7, 212	5.9	11
83	Genetic and biological characterization of Zika virus from human cases imported through Shenzhen Port. *Chinese Science Bulletin*, **2016**, 61, 2463-2474	2.9	11
82	Emerging HxNy Influenza A Viruses. *Cold Spring Harbor Perspectives in Medicine*, **2020**,	5.4	11
81	First documented case of avian influenza (H5N1) virus infection in a lion. *Emerging Microbes and Infections*, **2016**, 5, e125	18.9	11

80	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. *Veterinary Microbiology*, **2019**, 228, 173-180	3.3	11
79	Continued reassortment of avian H6 influenza viruses from Southern China, 2014-2016. *Transboundary and Emerging Diseases*, **2019**, 66, 592-598	4.2	11
78	More diversified antibiotic resistance genes in chickens and workers of the live poultry markets. *Environment International*, **2021**, 153, 106534	12.9	11
77	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	6.4	10
76	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	11.5	10
75	Adaptation of African swine fever virus to HEK293T cells. *Transboundary and Emerging Diseases*, **2021**, 68, 2853-2866	4.2	10
74	Identification of novel bat coronaviruses sheds light on the evolutionary origins of SARS-CoV-2 and related viruses		9
73	Ribavirin is effective against drug-resistant H7N9 influenza virus infections. *Protein and Cell*, **2016**, 7, 611-4	7.2	8
72	Live Poultry Trading Drives China's H7N9 Viral Evolution and Geographical Network Propagation. *Frontiers in Public Health*, **2018**, 6, 210	6	8
71	Genetically Modified Rabies Virus Vector-Based Rift Valley Fever Virus Vaccine is Safe and Induces Efficacious Immune Responses in Mice. *Viruses*, **2019**, 11,	6.2	8
70	Avian influenza A (H7N9) virus: from low pathogenic to highly pathogenic. *Frontiers of Medicine*, **2021**, 15, 507-527	12	8
69	Reassortment with dominant chicken H9N2 influenza virus contributed to the fifth H7N9 virus human epidemic. *Journal of Virology*, **2021**,	6.6	8
68	Genetic tracing of HCoV-19 for the re-emerging outbreak of COVID-19 in Beijing, China. *Protein and Cell*, **2021**, 12, 4-6	7.2	8
67	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	15.4	8
66	Cryptoporic acid E from Cryptoporus volvatus inhibits influenza virus replication in vitro. *Antiviral Research*, **2017**, 143, 106-112	10.8	7
65	Three amino acid substitutions in the NS1 protein change the virus replication of H5N1 influenza virus in human cells. *Virology*, **2018**, 519, 64-73	3.6	7
64	Expression of Raf kinase inhibitor protein is downregulated in response to Newcastle disease virus infection to promote viral replication. *Journal of General Virology*, **2015**, 96, 2579-2586	4.9	7
63	A new reassortment of influenza A (H7N9) virus causing human infection in Beijing, 2014. *Scientific Reports*, **2016**, 6, 26624	4.9	7

62	Transcripts of antibacterial peptides in chicken erythrocytes infected with Marek's disease virus. *BMC Veterinary Research*, **2018**, 14, 363	2.7	7
61	Emergence of a Novel Strain, Harboring the Major Immunogenic Glycoprotein trp36 with Unique Tandem Repeat and C-Terminal Region Sequences, in Haemaphysalis hystricis Ticks Removed from Free-Ranging Sheep in Hainan Province, China. *Microorganisms*, **2019**, 7,	4.9	6
60	Genomic characterizations of H4 subtype avian influenza viruses from live poultry markets in Sichuan province of China, 2014-2015. *Science China Life Sciences*, **2018**, 61, 1123-1126	8.5	6
59	Characterization of Avian-like Influenza A (H4N6) Virus Isolated from Caspian Seal in 2012. *Virologica Sinica*, **2018**, 33, 449-452	6.4	6
58	The self-assembled nanoparticle-based trimeric RBD mRNA vaccine elicits robust and durable protective immunity against SARS-CoV-2 in mice. *Signal Transduction and Targeted Therapy*, **2021**, 6, 340	21	6
57	Surveillance of SARS-CoV-2 in the environment and animal samples of the Huanan Seafood Market		6
56	A new threat to human reproduction system posed by Zika virus (ZIKV): From clinical investigations to experimental studies. *Virus Research*, **2018**, 254, 10-14	6.4	5
55	Diagnostic strategies for Ebola virus detection. *Lancet Infectious Diseases, The*, **2016**, 16, 294-5	25.5	5
54	A potent synthetic nanobody targets RBD and protects mice from SARS-CoV-2 infection		5
53	Long-lasting protective immunity against H7N9 infection is induced by intramuscular or CpG-adjuvanted intranasal immunization with the split H7N9 vaccine. *International Immunopharmacology*, **2020**, 78, 106013	5.8	5
52	Structure-Based Modification of an Anti-neuraminidase Human Antibody Restores Protection Efficacy against the Drifted Influenza Virus. *MBio*, **2020**, 11,	7.8	5
51	A tandem-repeat dimeric RBD protein-based COVID-19 vaccine ZF2001 protects mice and nonhuman primates		5
50	Stability of SARS-CoV-2 on the Surfaces of Three Meats in the Setting That Simulates the Cold Chain Transportation. *Virologica Sinica*, **2021**, 36, 1069-1072	6.4	5
49	Assessing the extent of community spread caused by mink-derived SARS-CoV-2 variants. *Innovation(China)*, **2021**, 2, 100128	17.8	5
48	A tandem-repeat dimeric RBD protein-based COVID-19 vaccine ZF2001 protects mice and nonhuman primates.. *Emerging Microbes and Infections*, **2022**, 1-39	18.9	5
47	Adaption and parallel evolution of human-isolated H5 avian influenza viruses. *Journal of Infection*, **2020**, 80, 630-638	18.9	4
46	Infective meningitis caused by Phialemonium curvatum. *Journal of Clinical Microbiology*, **2014**, 52, 3111-3	9.7	4
45	Epidemiological Model Suggests D614G Spike Protein Mutation Accelerates Transmission of COVID-19 - Worldwide, 2020. *China CDC Weekly*, **2020**, 2, 946-947	4	4

44	Re-emergence of H5N8 highly pathogenic avian influenza virus in wild birds, China. *Emerging Microbes and Infections*, **2021**, 10, 1819-1823	18.9	4
43	Integrating PCR-free amplification and synergistic sensing for ultrasensitive and rapid CRISPR/Cas12a-based SARS-CoV-2 antigen detection. *Synthetic and Systems Biotechnology*, **2021**, 6, 283-291	4.3	4
42	Mink is a highly susceptible host species to circulating human and avian influenza viruses. *Emerging Microbes and Infections*, **2021**, 10, 472-480	18.9	4
41	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	11.5	4
40	Rift Valley Fever Virus and Yellow Fever Virus in Urine: A Potential Source of Infection. *Virologica Sinica*, **2019**, 34, 342-345	6.4	3
39	Characterization of avian paramyxovirus type 6 isolated from a Eurasian teal in the intersection of migratory flyways in Russia. *Archives of Virology*, **2016**, 161, 3275-9	2.6	3
38	Clinical and virological characteristics of human infections with H7N9 avian influenza virus in Shenzhen, China, 2013-2017. *Journal of Infection*, **2019**, 79, 389-399	18.9	3
37	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. *Viruses*, **2019**, 11,	6.2	3
36	Landscapes and dynamic diversifications of B-cell receptor repertoires in COVID-19 patients. *Human Immunology*, **2021**, 83, 119-119	2.3	3
35	NF-B pathway genes expression in chicken erythrocytes infected with avian influenza virus subtype H9N2. *British Poultry Science*, **2021**, 62, 666-671	1.9	3
34	Computational predicting the human infectivity of H7N9 influenza viruses isolated from avian hosts. *Transboundary and Emerging Diseases*, **2021**, 68, 846-856	4.2	3
33	Novel reassortant 2.3.4.4B H5N6 highly pathogenic avian influenza viruses circulating among wild, domestic birds in Xinjiang, Northwest China. *Journal of Veterinary Science*, **2021**, 22, e43	1.6	3
32	Biological and phylogenetic characterization of a novel hemagglutination-negative avian avulavirus 6 isolated from wild waterfowl in China. *Transboundary and Emerging Diseases*, **2018**, 65, 1421-1428	4.2	3
31	A recombinant receptor-binding domain in trimeric form generates protective immunity against SARS-CoV-2 infection in nonhuman primates. *Innovation(China)*, **2021**, 2, 100140	17.8	3
30	Establishment of a humanized swine model for COVID-19. *Cell Discovery*, **2021**, 7, 70	22.3	3
29	Recombinant chimpanzee adenovirus AdC7 expressing dimeric tandem-repeat spike protein RBD protects mice against COVID-19. *Emerging Microbes and Infections*, **2021**, 10, 1574-1588	18.9	3
28	Zika virus in the testes: should we be worried?. *Protein and Cell*, **2017**, 8, 162-164	7.2	2
27	SARS-CoV-2 transmissibility compared between variants of concern and vaccination status.. *Briefings in Bioinformatics*, **2022**,	13.4	2

26	Integration of gene expression profile data to screen and verify immune-related genes of chicken erythrocytes involved in Marek's disease virus. *Microbial Pathogenesis*, **2020**, 148, 104454	3.8	2
25	Distinct durability of IgM/IgG antibody responses in COVID-19 patients with differing severity. *Science China Life Sciences*, **2021**, 1	8.5	2
24	A Raf kinase inhibitor demonstrates antiviral activities both in vitro and in vivo against different genotypes of virulent Newcastle disease virus. *Antiviral Research*, **2016**, 133, 140-4	10.8	2
23	Potent inhibition of Severe Acute Respiratory Syndrome Coronavirus 2 by photosensitizers compounds. *Dyes and Pigments*, **2021**, 194, 109570	4.6	2
22	Ecology of avian influenza viruses in migratory birds wintering within the Yangtze River wetlands. *Science Bulletin*, **2021**, 66, 2014-2024	10.6	2
21	VarEPS: an evaluation and prewarning system of known and virtual variations of SARS-CoV-2 genomes. *Nucleic Acids Research*, **2021**,	20.1	2
20	A reassortant highly pathogenic avian influenza H5N6 virus originating from the wildbird-origin H5N6 and the poultry H9N2/H7N9 viruses in Xinjiang, China. *Medycyna Weterynaryjna*, **2021**, 77, 6532-2021	1.4	2
19	Nasal delivery of thermostable and broadly neutralizing antibodies protects mice against SARS-CoV-2 infection.. *Signal Transduction and Targeted Therapy*, **2022**, 7, 55	21	2
18	Delayed peak of human infections and ongoing reassortment of H7N9 avian influenza virus in the newly affected western Chinese provinces during Wave Five. *International Journal of Infectious Diseases*, **2019**, 88, 80-87	10.5	1
17	Testing Experimental Therapies in a Guinea Pig Model for Hemorrhagic Fever. *Methods in Molecular Biology*, **2018**, 1604, 269-278	1.4	1
16	Establishment of human distal lung organoids for SARS-CoV-2 infection. *Cell Discovery*, **2021**, 7, 108	22.3	1
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