

# Yi Guan

## List of Publications by Citations

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242  
papers

28,090  
citations

80  
h-index

165  
g-index

256  
ext. papers

32,559  
ext. citations

10.9  
avg, IF

6.67  
L-index

#	Paper	IF	Citations
242	Origins and evolutionary genomics of the 2009 swine-origin H1N1 influenza A epidemic. <i>Nature</i> , <b>2009</b> , 459, 1122-5	50.4	1535
241	Fatal outcome of human influenza A (H5N1) is associated with high viral load and hypercytokinemia. <i>Nature Medicine</i> , <b>2006</b> , 12, 1203-7	50.5	1420
240	ggtree: an r package for visualization and annotation of phylogenetic trees with their covariates and other associated data. <i>Methods in Ecology and Evolution</i> , <b>2017</b> , 8, 28-36	7.7	1399
239	Characterization and complete genome sequence of a novel coronavirus, coronavirus HKU1, from patients with pneumonia. <i>Journal of Virology</i> , <b>2005</b> , 79, 884-95	6.6	1028
238	Identifying SARS-CoV-2-related coronaviruses in Malayan pangolins. <i>Nature</i> , <b>2020</b> , 583, 282-285	50.4	1012
237	Unique and conserved features of genome and proteome of SARS-coronavirus, an early split-off from the coronavirus group 2 lineage. <i>Journal of Molecular Biology</i> , <b>2003</b> , 331, 991-1004	6.5	947
236	Lung pathology of fatal severe acute respiratory syndrome. <i>Lancet, The</i> , <b>2003</b> , 361, 1773-8	40	829
235	Oseltamivir resistance during treatment of influenza A (H5N1) infection. <i>New England Journal of Medicine</i> , <b>2005</b> , 353, 2667-72	59.2	734
234	Receptor and viral determinants of SARS-coronavirus adaptation to human ACE2. <i>EMBO Journal</i> , <b>2005</b> , 24, 1634-43	13	710
233	Avian influenza virus (H5N1): a threat to human health. <i>Clinical Microbiology Reviews</i> , <b>2007</b> , 20, 243-67	34	667
232	Heterosubtypic neutralizing monoclonal antibodies cross-protective against H5N1 and H1N1 recovered from human IgM+ memory B cells. <i>PLoS ONE</i> , <b>2008</b> , 3, e3942	3.7	573
231	Human infection with an avian H9N2 influenza A virus in Hong Kong in 2003. <i>Journal of Clinical Microbiology</i> , <b>2005</b> , 43, 5760-7	9.7	491
230	Characterization of avian H5N1 influenza viruses from poultry in Hong Kong. <i>Virology</i> , <b>1998</b> , 252, 331-42	3.6	482
229	Sensitive and inexpensive molecular test for falciparum malaria: detecting Plasmodium falciparum DNA directly from heat-treated blood by loop-mediated isothermal amplification. <i>Clinical Chemistry</i> , <b>2006</b> , 52, 303-6	5.5	364
228	The genesis and source of the H7N9 influenza viruses causing human infections in China. <i>Nature</i> , <b>2013</b> , 502, 241-4	50.4	337
227	Children with respiratory disease associated with metapneumovirus in Hong Kong. <i>Emerging Infectious Diseases</i> , <b>2003</b> , 9, 628-33	10.2	337
226	Reemerging H5N1 influenza viruses in Hong Kong in 2002 are highly pathogenic to ducks. <i>Journal of Virology</i> , <b>2004</b> , 78, 4892-901	6.6	321

225	Dating the emergence of pandemic influenza viruses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 11709-12	11.5	320
224	Treatment with convalescent plasma for influenza A (H5N1) infection. <i>New England Journal of Medicine</i> , <b>2007</b> , 357, 1450-1	59.2	319
223	Cytokine responses in severe acute respiratory syndrome coronavirus-infected macrophages in vitro: possible relevance to pathogenesis. <i>Journal of Virology</i> , <b>2005</b> , 79, 7819-26	6.6	318
222	Investigation of outbreaks of highly pathogenic H5N1 avian influenza in waterfowl and wild birds in Hong Kong in late 2002. <i>Avian Pathology</i> , <b>2004</b> , 33, 492-505	2.4	315
221	H5N1 outbreaks and enzootic influenza. <i>Emerging Infectious Diseases</i> , <b>2006</b> , 12, 3-8	10.2	298
220	Three Indonesian clusters of H5N1 virus infection in 2005. <i>New England Journal of Medicine</i> , <b>2006</b> , 355, 2186-94	59.2	292
219	Lethality to ferrets of H5N1 influenza viruses isolated from humans and poultry in 2004. <i>Journal of Virology</i> , <b>2005</b> , 79, 2191-8	6.6	285
218	Co-circulation of three camel coronavirus species and recombination of MERS-CoVs in Saudi Arabia. <i>Science</i> , <b>2016</b> , 351, 81-4	33.3	276
217	Emergence of a novel swine-origin influenza A virus (S-OIV) H1N1 virus in humans. <i>Journal of Clinical Virology</i> , <b>2009</b> , 45, 169-73	14.5	252
216	Molecular evolution analysis and geographic investigation of severe acute respiratory syndrome coronavirus-like virus in palm civets at an animal market and on farms. <i>Journal of Virology</i> , <b>2005</b> , 79, 11892-900	6.6	242
215	Detection of SARS coronavirus in patients with suspected SARS. <i>Emerging Infectious Diseases</i> , <b>2004</b> , 10, 294-9	10.2	237
214	Human coronavirus NL63 infection and other coronavirus infections in children hospitalized with acute respiratory disease in Hong Kong, China. <i>Clinical Infectious Diseases</i> , <b>2005</b> , 40, 1721-9	11.6	227
213	Two Methods for Mapping and Visualizing Associated Data on Phylogeny Using Ggtree. <i>Molecular Biology and Evolution</i> , <b>2018</b> , 35, 3041-3043	8.3	223
212	MERS coronaviruses in dromedary camels, Egypt. <i>Emerging Infectious Diseases</i> , <b>2014</b> , 20, 1049-53	10.2	221
211	Distribution of amantadine-resistant H5N1 avian influenza variants in Asia. <i>Journal of Infectious Diseases</i> , <b>2006</b> , 193, 1626-9	7	212
210	SARS-CoV infection in a restaurant from palm civet. <i>Emerging Infectious Diseases</i> , <b>2005</b> , 11, 1860-5	10.2	210
209	Sialic acid receptor detection in the human respiratory tract: evidence for widespread distribution of potential binding sites for human and avian influenza viruses. <i>Respiratory Research</i> , <b>2007</b> , 8, 73	7.3	202
208	MERS coronavirus in dromedary camel herd, Saudi Arabia. <i>Emerging Infectious Diseases</i> , <b>2014</b> , 20, 1231-4	10.2	199

207	Epidemiology of avian influenza A H7N9 virus in human beings across five epidemics in mainland China, 2013-17: an epidemiological study of laboratory-confirmed case series. <i>Lancet Infectious Diseases, The</i> , <b>2017</b> , 17, 822-832	25.5	194
206	Clinical and molecular epidemiological features of coronavirus HKU1-associated community-acquired pneumonia. <i>Journal of Infectious Diseases</i> , <b>2005</b> , 192, 1898-907	7	193
205	Identification of influenza A nucleoprotein as an antiviral target. <i>Nature Biotechnology</i> , <b>2010</b> , 28, 600-5	44.5	181
204	Long-term evolution and transmission dynamics of swine influenza A virus. <i>Nature</i> , <b>2011</b> , 473, 519-22	50.4	178
203	Influenza: emergence and control. <i>Journal of Virology</i> , <b>2004</b> , 78, 8951-9	6.6	178
202	Early diagnosis of SARS coronavirus infection by real time RT-PCR. <i>Journal of Clinical Virology</i> , <b>2003</b> , 28, 233-8	14.5	169
201	Dissemination, divergence and establishment of H7N9 influenza viruses in China. <i>Nature</i> , <b>2015</b> , 522, 102-5	50.4	165
200	Hemagglutinin-neuraminidase balance confers respiratory-droplet transmissibility of the pandemic H1N1 influenza virus in ferrets. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 14264-9	11.5	164
199	Studies of H5N1 influenza virus infection of pigs by using viruses isolated in Vietnam and Thailand in 2004. <i>Journal of Virology</i> , <b>2005</b> , 79, 10821-5	6.6	155
198	Characterization of H5N1 influenza viruses that continue to circulate in geese in southeastern China. <i>Journal of Virology</i> , <b>2002</b> , 76, 118-26	6.6	150
197	Vaccination of chickens against H5N1 avian influenza in the face of an outbreak interrupts virus transmission. <i>Avian Pathology</i> , <b>2004</b> , 33, 405-12	2.4	147
196	Alveolar macrophages are indispensable for controlling influenza viruses in lungs of pigs. <i>Journal of Virology</i> , <b>2008</b> , 82, 4265-74	6.6	140
195	Evidence for antigenic seniority in influenza A (H3N2) antibody responses in southern China. <i>PLoS Pathogens</i> , <b>2012</b> , 8, e1002802	7.6	135
194	Quantifying influenza virus diversity and transmission in humans. <i>Nature Genetics</i> , <b>2016</b> , 48, 195-200	36.3	132
193	Temporally structured metapopulation dynamics and persistence of influenza A H3N2 virus in humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 19359-64	11.5	130
192	Human mesenchymal stromal cells reduce influenza A H5N1-associated acute lung injury in vitro and in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 3621-6	11.5	123
191	Cytotoxic T lymphocytes established by seasonal human influenza cross-react against 2009 pandemic H1N1 influenza virus. <i>Journal of Virology</i> , <b>2010</b> , 84, 6527-35	6.6	122
190	Evolutionary dynamics and emergence of panzootic H5N1 influenza viruses. <i>PLoS Pathogens</i> , <b>2008</b> , 4, e1000161	7.6	122

189	Induction of proinflammatory cytokines in primary human macrophages by influenza A virus (H5N1) is selectively regulated by IFN regulatory factor 3 and p38 MAPK. <i>Journal of Immunology</i> , <b>2009</b> , 182, 1088-98	5.3	121
188	Rapid diagnosis of a coronavirus associated with severe acute respiratory syndrome (SARS). <i>Clinical Chemistry</i> , <b>2003</b> , 49, 953-5	5.5	120
187	Amino acid substitutions in polymerase basic protein 2 gene contribute to the pathogenicity of the novel A/H7N9 influenza virus in mammalian hosts. <i>Journal of Virology</i> , <b>2014</b> , 88, 3568-76	6.6	119
186	Influenza-associated hospitalization in a subtropical city. <i>PLoS Medicine</i> , <b>2006</b> , 3, e121	11.6	119
185	Treeio: An R Package for Phylogenetic Tree Input and Output with Richly Annotated and Associated Data. <i>Molecular Biology and Evolution</i> , <b>2020</b> , 37, 599-603	8.3	118
184	Full-genome deep sequencing and phylogenetic analysis of novel human betacoronavirus. <i>Emerging Infectious Diseases</i> , <b>2013</b> , 19, 736-42B	10.2	117
183	Detection of human influenza A viruses by loop-mediated isothermal amplification. <i>Journal of Clinical Microbiology</i> , <b>2005</b> , 43, 427-30	9.7	117
182	Toll-like receptor 10 is involved in induction of innate immune responses to influenza virus infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 3793-8	11.5	114
181	Relative rates of non-pneumonic SARS coronavirus infection and SARS coronavirus pneumonia. <i>Lancet, The</i> , <b>2004</b> , 363, 841-5	4.0	114
180	The emergence of pandemic influenza viruses. <i>Protein and Cell</i> , <b>2010</b> , 1, 9-13	7.2	112
179	Detection of SARS coronavirus in patients with severe acute respiratory syndrome by conventional and real-time quantitative reverse transcription-PCR assays. <i>Clinical Chemistry</i> , <b>2004</b> , 50, 67-72	5.5	109
178	Social mixing patterns in rural and urban areas of southern China. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2014</b> , 281, 20140268	4.4	104
177	Matriptase, HAT, and TMPRSS2 activate the hemagglutinin of H9N2 influenza A viruses. <i>Journal of Virology</i> , <b>2013</b> , 87, 1811-20	6.6	102
176	Tropism and innate host responses of the 2009 pandemic H1N1 influenza virus in ex vivo and in vitro cultures of human conjunctiva and respiratory tract. <i>American Journal of Pathology</i> , <b>2010</b> , 176, 1828-40	5.8	102
175	Rapid detection of the severe acute respiratory syndrome (SARS) coronavirus by a loop-mediated isothermal amplification assay. <i>Clinical Chemistry</i> , <b>2004</b> , 50, 1050-2	5.5	100
174	Avian coronavirus in wild aquatic birds. <i>Journal of Virology</i> , <b>2011</b> , 85, 12815-20	6.6	99
173	Evolutionary relationships between bat coronaviruses and their hosts. <i>Emerging Infectious Diseases</i> , <b>2007</b> , 13, 1526-32	10.2	95
172	Estimating the life course of influenza A(H3N2) antibody responses from cross-sectional data. <i>PLoS Biology</i> , <b>2015</b> , 13, e1002082	9.7	94

171	Inhibition of SARS-associated coronavirus infection and replication by RNA interference. <i>JAMA - Journal of the American Medical Association</i> , <b>2003</b> , 290, 2665-6	27.4	94
170	Gene flow and competitive exclusion of avian influenza A virus in natural reservoir hosts. <i>Virology</i> , <b>2009</b> , 390, 289-97	3.6	91
169	Antigenic profile of avian H5N1 viruses in Asia from 2002 to 2007. <i>Journal of Virology</i> , <b>2008</b> , 82, 1798-807.6	7.6	91
168	Hyperinduction of cyclooxygenase-2-mediated proinflammatory cascade: a mechanism for the pathogenesis of avian influenza H5N1 infection. <i>Journal of Infectious Diseases</i> , <b>2008</b> , 198, 525-35	7	90
167	Antiviral resistance among highly pathogenic influenza A (H5N1) viruses isolated worldwide in 2002-2012 shows need for continued monitoring. <i>Antiviral Research</i> , <b>2013</b> , 98, 297-304	10.8	88
166	Characterization of avian influenza viruses A (H5N1) from wild birds, Hong Kong, 2004-2008. <i>Emerging Infectious Diseases</i> , <b>2009</b> , 15, 402-7	10.2	85
165	Interspecies transmission of influenza viruses: H5N1 virus and a Hong Kong SAR perspective. <i>Veterinary Microbiology</i> , <b>2000</b> , 74, 141-7	3.3	85
164	Identification of 2019-nCoV related coronaviruses in Malayan pangolins in southern China		84
163	Detection of diverse astroviruses from bats in China. <i>Journal of General Virology</i> , <b>2009</b> , 90, 883-887	4.9	81
162	Influenza H5N1 virus infection of polarized human alveolar epithelial cells and lung microvascular endothelial cells. <i>Respiratory Research</i> , <b>2009</b> , 10, 102	7.3	79
161	A38 Prevalence and evolution of avian H1 subtype influenza A viruses in Southern China. <i>Virus Evolution</i> , <b>2018</b> , 4,	3.7	78
160	Detection of novel astroviruses in urban brown rats and previously known astroviruses in humans. <i>Journal of General Virology</i> , <b>2010</b> , 91, 2457-62	4.9	78
159	Characterization of a human H5N1 influenza A virus isolated in 2003. <i>Journal of Virology</i> , <b>2005</b> , 79, 9926-32	8.2	78
158	A59 Expansion of genetic diversity and interspecies transmission dynamics of swine influenza viruses in China. <i>Virus Evolution</i> , <b>2018</b> , 4,	3.7	78
157	Tropism and replication of Middle East respiratory syndrome coronavirus from dromedary camels in the human respiratory tract: an in-vitro and ex-vivo study. <i>Lancet Respiratory Medicine</i> , <b>2014</b> , 2, 813-22	35.1	77
156	Multiple sublineages of influenza A virus (H5N1), Vietnam, 2005-2007. <i>Emerging Infectious Diseases</i> , <b>2008</b> , 14, 632-6	10.2	75
155	Risk for infection with highly pathogenic influenza A virus (H5N1) in chickens, Hong Kong, 2002. <i>Emerging Infectious Diseases</i> , <b>2007</b> , 13, 412-8	10.2	75
154	SARS-related virus predating SARS outbreak, Hong Kong. <i>Emerging Infectious Diseases</i> , <b>2004</b> , 10, 176-8	10.2	75

153	Generation and characterization of influenza A viruses with altered polymerase fidelity. <i>Nature Communications</i> , <b>2014</b> , 5, 4794	17.4	72
152	The emergence and diversification of panzootic H5N1 influenza viruses. <i>Virus Research</i> , <b>2013</b> , 178, 35-436.4		71
151	Mammalian adaptation of influenza A(H7N9) virus is limited by a narrow genetic bottleneck. <i>Nature Communications</i> , <b>2015</b> , 6, 6553	17.4	70
150	Serologic survey of pandemic (H1N1) 2009 virus, Guangxi Province, China. <i>Emerging Infectious Diseases</i> , <b>2009</b> , 15, 1849-50	10.2	70
149	Loop-mediated isothermal amplification for influenza A (H5N1) virus. <i>Emerging Infectious Diseases</i> , <b>2007</b> , 13, 899-901	10.2	70
148	Role of terrestrial wild birds in ecology of influenza A virus (H5N1). <i>Emerging Infectious Diseases</i> , <b>2007</b> , 13, 1720-4	10.2	70
147	Novel reassortment of Eurasian avian-like and pandemic/2009 influenza viruses in swine: infectious potential for humans. <i>Journal of Virology</i> , <b>2011</b> , 85, 10432-9	6.6	69
146	Host immune and apoptotic responses to avian influenza virus H9N2 in human tracheobronchial epithelial cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2011</b> , 44, 24-33	5.7	66
145	Pathogenicity of the novel A/H7N9 influenza virus in mice. <i>MBio</i> , <b>2013</b> , 4,	7.8	64
144	Establishment and lineage replacement of H6 influenza viruses in domestic ducks in southern China. <i>Journal of Virology</i> , <b>2012</b> , 86, 6075-83	6.6	63
143	Broad cross-protection against H5N1 avian influenza virus infection by means of monoclonal antibodies that map to conserved viral epitopes. <i>Journal of Infectious Diseases</i> , <b>2009</b> , 199, 49-58	7	62
142	Interventions to reduce zoonotic and pandemic risks from avian influenza in Asia. <i>Lancet Infectious Diseases</i> , <b>2016</b> , 16, 252-8	25.5	61
141	Potent inhibition of SARS-associated coronavirus (SCOV) infection and replication by type I interferons (IFN-alpha/beta) but not by type II interferon (IFN-gamma). <i>Journal of Interferon and Cytokine Research</i> , <b>2004</b> , 24, 388-90	3.5	61
140	Expansion of genotypic diversity and establishment of 2009 H1N1 pandemic-origin internal genes in pigs in China. <i>Journal of Virology</i> , <b>2014</b> , 88, 10864-74	6.6	60
139	Neurovirulence in mice of H5N1 influenza virus genotypes isolated from Hong Kong poultry in 2001. <i>Journal of Virology</i> , <b>2003</b> , 77, 3816-23	6.6	60
138	Prophylactic and Therapeutic Effects of Small Interfering Rna Targeting Sars-Coronavirus. <i>Antiviral Therapy</i> , <b>2004</b> , 9, 365-374	1.6	60
137	Characterization of a novel gyrovirus in human stool and chicken meat. <i>Journal of Clinical Virology</i> , <b>2012</b> , 55, 209-13	14.5	59
136	Systemic infection of avian influenza A virus H5N1 subtype in humans. <i>Human Pathology</i> , <b>2009</b> , 40, 735-9.7		58



135	Intranasal immunization with inactivated SARS-CoV (SARS-associated coronavirus) induced local and serum antibodies in mice. <i>Vaccine</i> , <b>2005</b> , 23, 924-31	4.1	57
134	Nuclear factor 90 negatively regulates influenza virus replication by interacting with viral nucleoprotein. <i>Journal of Virology</i> , <b>2009</b> , 83, 7850-61	6.6	56
133	Avian influenza and ban on overnight poultry storage in live poultry markets, Hong Kong. <i>Emerging Infectious Diseases</i> , <b>2012</b> , 18, 1339-41	10.2	54
132	Detection and phylogenetic analysis of group 1 coronaviruses in South American bats. <i>Emerging Infectious Diseases</i> , <b>2008</b> , 14, 1890-3	10.2	54
131	Emergence and evolution of H10 subtype influenza viruses in poultry in China. <i>Journal of Virology</i> , <b>2015</b> , 89, 3534-41	6.6	52
130	A novel group of avian astroviruses in wild aquatic birds. <i>Journal of Virology</i> , <b>2012</b> , 86, 13772-8	6.6	52
129	Substitution of lysine at 627 position in PB2 protein does not change virulence of the 2009 pandemic H1N1 virus in mice. <i>Virology</i> , <b>2010</b> , 401, 1-5	3.6	52
128	Effect of interventions on influenza A (H9N2) isolation in Hong Kong live poultry markets, 1999-2005. <i>Emerging Infectious Diseases</i> , <b>2007</b> , 13, 1340-7	10.2	52
127	Reassortment events among swine influenza A viruses in China: implications for the origin of the 2009 influenza pandemic. <i>Journal of Virology</i> , <b>2011</b> , 85, 10279-85	6.6	50
126	Pause on avian flu transmission research. <i>Science</i> , <b>2012</b> , 335, 400-1	33.3	50
125	Emergence and dissemination of a swine H3N2 reassortant influenza virus with 2009 pandemic H1N1 genes in pigs in China. <i>Journal of Virology</i> , <b>2012</b> , 86, 2375-8	6.6	49
124	Comparison of the replication of influenza A viruses in Chinese ring-necked pheasants and chukar partridges. <i>Journal of Virology</i> , <b>2006</b> , 80, 2151-61	6.6	49
123	Feasibility of reconstructed ancestral H5N1 influenza viruses for cross-clade protective vaccine development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 349-54	11.5	48
122	Evaluation of real-time reverse transcriptase PCR and real-time loop-mediated amplification assays for severe acute respiratory syndrome coronavirus detection. <i>Journal of Clinical Microbiology</i> , <b>2005</b> , 43, 3457-9	9.7	48
121	Full factorial analysis of mammalian and avian influenza polymerase subunits suggests a role of an efficient polymerase for virus adaptation. <i>PLoS ONE</i> , <b>2009</b> , 4, e5658	3.7	47
120	Avian influenza (H5N1) virus of clade 2.3.2 in domestic poultry in India. <i>PLoS ONE</i> , <b>2012</b> , 7, e31844	3.7	47
119	The development and characterization of H5 influenza virus vaccines derived from a 2003 human isolate. <i>Vaccine</i> , <b>2006</b> , 24, 3669-76	4.1	46
118	A one step quantitative RT-PCR for detection of SARS coronavirus with an internal control for PCR inhibitors. <i>Journal of Clinical Virology</i> , <b>2004</b> , 30, 214-7	14.5	45



117	Reliable universal RT-PCR assays for studying influenza polymerase subunit gene sequences from all 16 haemagglutinin subtypes. <i>Journal of Virological Methods</i> , <b>2007</b> , 142, 218-22	2.6	44
116	Molecular analysis of avian H7 influenza viruses circulating in Eurasia in 1999-2005: detection of multiple reassortant virus genotypes. <i>Journal of General Virology</i> , <b>2008</b> , 89, 48-59	4.9	44
115	Dual E627K and D701N mutations in the PB2 protein of A(H7N9) influenza virus increased its virulence in mammalian models. <i>Scientific Reports</i> , <b>2015</b> , 5, 14170	4.9	43
114	H7N9 Incident, immune status, the elderly and a warning of an influenza pandemic. <i>Journal of Infection in Developing Countries</i> , <b>2013</b> , 7, 302-7	2.3	42
113	History of Swine influenza viruses in Asia. <i>Current Topics in Microbiology and Immunology</i> , <b>2013</b> , 370, 57-68	3.3	42
112	Emergence of human infection with Jingmen tick virus in China: A retrospective study. <i>EBioMedicine</i> , <b>2019</b> , 43, 317-324	8.8	41
111	Poultry drinking water used for avian influenza surveillance. <i>Emerging Infectious Diseases</i> , <b>2007</b> , 13, 1380-2	2.2	41
110	Emergence and development of H7N9 influenza viruses in China. <i>Current Opinion in Virology</i> , <b>2016</b> , 16, 106-113	7.5	40
109	Emergence and evolution of avian H5N2 influenza viruses in chickens in Taiwan. <i>Journal of Virology</i> , <b>2014</b> , 88, 5677-86	6.6	40
108	Viral genetic determinants of H5N1 influenza viruses that contribute to cytokine dysregulation. <i>Journal of Infectious Diseases</i> , <b>2009</b> , 200, 1104-1112	7	40
107	Antigenic differences between H5N1 human influenza viruses isolated in 1997 and 2003. <i>Journal of Veterinary Medical Science</i> , <b>2004</b> , 66, 303-5	1.1	40
106	A comparison of hemagglutination inhibition and neutralization assays for characterizing immunity to seasonal influenza A. <i>Influenza and Other Respiratory Viruses</i> , <b>2016</b> , 10, 518-524	5.6	40
105	Molecular characterization of in vivo adjuvant activity in ferrets vaccinated against influenza virus. <i>Journal of Virology</i> , <b>2010</b> , 84, 8369-88	6.6	39
104	Systems-level comparison of host responses induced by pandemic and seasonal influenza A H1N1 viruses in primary human type I-like alveolar epithelial cells in vitro. <i>Respiratory Research</i> , <b>2010</b> , 11, 147	7.3	38
103	H5N1 influenza virus-induced mediators upregulate RIG-I in uninfected cells by paracrine effects contributing to amplified cytokine cascades. <i>Journal of Infectious Diseases</i> , <b>2011</b> , 204, 1866-78	7	36
102	Genotypic diversity of H5N1 highly pathogenic avian influenza viruses. <i>Journal of General Virology</i> , <b>2008</b> , 89, 2182-2193	4.9	35
101	IL-15 adjuvanted multivalent vaccinia-based universal influenza vaccine requires CD4+ T cells for heterosubtypic protection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 5676-81	11.5	34
100	Multiannual patterns of influenza A transmission in Chinese live bird market systems. <i>Influenza and Other Respiratory Viruses</i> , <b>2013</b> , 7, 97-107	5.6	34

99	Molecular epidemiology of human enterovirus 71 at the origin of an epidemic of fatal hand, foot and mouth disease cases in Cambodia. <i>Emerging Microbes and Infections</i> , <b>2016</b> , 5, e104	18.9	33
98	Synthetic Peptides outside the Spike Protein Heptad Repeat Regions as Potent Inhibitors of Sars-Associated Coronavirus. <i>Antiviral Therapy</i> , <b>2005</b> , 10, 393-403	1.6	33
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