

Yi Guan

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.

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	Phylogenetic and Recombination Analysis of Animal Coronaviruses. <i>Springer Protocols</i> , 2022 , 301-324	0.3	
241	Oncolytic Activity of Wild-type Newcastle Disease Virus HK84 Against Hepatocellular Carcinoma Associated with Activation of Type I Interferon Signaling.. <i>Journal of Clinical and Translational Hepatology</i> , 2022 , 10, 284-296	5.2	1
240	Female sex hormone, progesterone, ameliorates the severity of SARS-CoV-2-caused pneumonia in the Syrian hamster model.. <i>Signal Transduction and Targeted Therapy</i> , 2022 , 7, 47	21	2
239	Cross-species tropism and antigenic landscapes of circulating SARS-CoV-2 variants.. <i>Cell Reports</i> , 2022 , 110558	10.6	1
238	Gender associates with both susceptibility to infection and pathogenesis of SARS-CoV-2 in Syrian hamster. <i>Signal Transduction and Targeted Therapy</i> , 2021 , 6, 136	21	25
237	Kennedy F Shortridge PhD (April 6, 1941 to November 8, 2020): Obituary. <i>Influenza and Other Respiratory Viruses</i> , 2021 , 15, 323-325	5.6	1
236	Alignment free sequence comparison methods and reservoir host prediction. <i>Bioinformatics</i> , 2021 ,	7.2	1
235	A recombinant spike protein subunit vaccine confers protective immunity against SARS-CoV-2 infection and transmission in hamsters. <i>Science Translational Medicine</i> , 2021 , 13,	17.5	21
234	Using serological measures to estimate influenza incidence in the presence of secular trends in exposure and immuno-modulation of antibody response. <i>Influenza and Other Respiratory Viruses</i> , 2021 , 15, 235-244	5.6	3
233	SARS-CoV-2 infection and disease outcomes in non-human primate models: advances and implications. <i>Emerging Microbes and Infections</i> , 2021 , 10, 1881-1889	18.9	1
232	Persisting lung pathogenesis and minimum residual virus in hamster after acute COVID-19. <i>Protein and Cell</i> , 2021 , 1	7.2	0
231	Identifying SARS-CoV-2-related coronaviruses in Malayan pangolins. <i>Nature</i> , 2020 , 583, 282-285	50.4	1012
230	Quantifying within-host diversity of H5N1 influenza viruses in humans and poultry in Cambodia. <i>PLoS Pathogens</i> , 2020 , 16, e1008191	7.6	11
229	Specificity, kinetics and longevity of antibody responses to avian influenza A(H7N9) virus infection in humans. <i>Journal of Infection</i> , 2020 , 80, 310-319	18.9	9
228	Treeio: An R Package for Phylogenetic Tree Input and Output with Richly Annotated and Associated Data. <i>Molecular Biology and Evolution</i> , 2020 , 37, 599-603	8.3	118
227	Life course exposures continually shape antibody profiles and risk of seroconversion to influenza. <i>PLoS Pathogens</i> , 2020 , 16, e1008635	7.6	4
226	Life course exposures continually shape antibody profiles and risk of seroconversion to influenza 2020 , 16, e1008635		

225	Life course exposures continually shape antibody profiles and risk of seroconversion to influenza 2020 , 16, e1008635		
224	Life course exposures continually shape antibody profiles and risk of seroconversion to influenza 2020 , 16, e1008635		
223	Life course exposures continually shape antibody profiles and risk of seroconversion to influenza 2020 , 16, e1008635		
222	A field-deployable insulated isothermal RT-PCR assay for identification of influenza A (H7N9) shows good performance in the laboratory. <i>Influenza and Other Respiratory Viruses</i> , 2019 , 13, 610-617	5.6	8
221	Emergence of human infection with Jingmen tick virus in China: A retrospective study. <i>EBioMedicine</i> , 2019 , 43, 317-324	8.8	41
220	Safety and immunogenicity of an 8 year interval heterologous prime-boost influenza A/H7N7-H7N9 vaccination. <i>Vaccine</i> , 2019 , 37, 2561-2568	4.1	4
219	A38 Prevalence and evolution of avian H1 subtype influenza A viruses in Southern China. <i>Virus Evolution</i> , 2018 , 4,	3.7	78
218	Dysregulated T-Helper Type 1 (Th1):Th2 Cytokine Profile and Poor Immune Response in Pregnant Ferrets Infected With 2009 Pandemic Influenza A(H1N1) Virus. <i>Journal of Infectious Diseases</i> , 2018 , 217, 438-442	7	14
217	A59 Expansion of genetic diversity and interspecies transmission dynamics of swine influenza viruses in China. <i>Virus Evolution</i> , 2018 , 4,	3.7	78
216	Two Methods for Mapping and Visualizing Associated Data on Phylogeny Using Ggtree. <i>Molecular Biology and Evolution</i> , 2018 , 35, 3041-3043	8.3	223
215	Tropism and innate host responses of influenza A/H5N6 virus: an analysis of and cultures of the human respiratory tract. <i>European Respiratory Journal</i> , 2017 , 49,	13.6	21
214	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</i> , 2017 , 17, 822-832	25.5	194
213	A7 Evolution of influenza A(H7N9) viruses from waves I to IV. <i>Virus Evolution</i> , 2017 , 3,	3.7	1
212	Cohort Profile: A study of influenza immunity in the urban and rural Guangzhou region of China: the Fluscape Study. <i>International Journal of Epidemiology</i> , 2017 , 46, e16	7.8	8
211	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> , 2017 , 8, 28-36	7.7	1399
210	The persistence of multiple strains of avian influenza in live bird markets. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017 , 284,	4.4	6
209	Highly pathogenic avian influenza H5N1 clade 2.3.2.1 and clade 2.3.4 viruses do not induce a clade-specific phenotype in mallard ducks. <i>Journal of General Virology</i> , 2017 , 98, 1232-1244	4.9	10
208	Genomic Analysis of the Emergence, Evolution, and Spread of Human Respiratory RNA Viruses. <i>Annual Review of Genomics and Human Genetics</i> , 2016 , 17, 193-218	9.7	26

207	Infectivity and Transmissibility of Avian H9N2 Influenza Viruses in Pigs. <i>Journal of Virology</i> , 2016 , 90, 3506-14	6.6	21
206	Interventions to reduce zoonotic and pandemic risks from avian influenza in Asia. <i>Lancet Infectious Diseases, The</i> , 2016 , 16, 252-8	25.5	61
205	Emergence and development of H7N9 influenza viruses in China. <i>Current Opinion in Virology</i> , 2016 , 16, 106-113	7.5	40
204	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> , 2016 , 113, 3621-6	11.5	123
203	Co-circulation of three camel coronavirus species and recombination of MERS-CoVs in Saudi Arabia. <i>Science</i> , 2016 , 351, 81-4	33.3	276
202	Quantifying influenza virus diversity and transmission in humans. <i>Nature Genetics</i> , 2016 , 48, 195-200	36.3	132
201	Genetic characterization of highly pathogenic H5 influenza viruses from poultry in Taiwan, 2015. <i>Infection, Genetics and Evolution</i> , 2016 , 38, 96-100	4.5	12
200	Optimize the interactions at S4 with efficient inhibitors targeting 3C proteinase from enterovirus 71. <i>Journal of Molecular Recognition</i> , 2016 , 29, 520-527	2.6	5
199	Fragment-wise design of inhibitors to 3C proteinase from enterovirus 71. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2016 , 1860, 1299-307	4	4
198	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> , 2016 , 5, e104	18.9	33
197	A comparison of hemagglutination inhibition and neutralization assays for characterizing immunity to seasonal influenza A. <i>Influenza and Other Respiratory Viruses</i> , 2016 , 10, 518-524	5.6	40
196	Emergence and evolution of H10 subtype influenza viruses in poultry in China. <i>Journal of Virology</i> , 2015 , 89, 3534-41	6.6	52
195	Dissemination, divergence and establishment of H7N9 influenza viruses in China. <i>Nature</i> , 2015 , 522, 102-5.4	5.4	165
194	Estimating the life course of influenza A(H3N2) antibody responses from cross-sectional data. <i>PLoS Biology</i> , 2015 , 13, e1002082	9.7	94
193	Mammalian adaptation of influenza A(H7N9) virus is limited by a narrow genetic bottleneck. <i>Nature Communications</i> , 2015 , 6, 6553	17.4	70
192	Genetic diversity of the 2013-14 human isolates of influenza H7N9 in China. <i>BMC Infectious Diseases</i> , 2015 , 15, 109	4	7
191	Pseudoparticle neutralization assay for detecting ebola- neutralizing antibodies in biosafety level 2 settings. <i>Clinical Chemistry</i> , 2015 , 61, 885-6	5.5	5
190	Dual E627K and D701N mutations in the PB2 protein of A(H7N9) influenza virus increased its virulence in mammalian models. <i>Scientific Reports</i> , 2015 , 5, 14170	4.9	43

189	Puzzling Origins of the Ebola Outbreak in the Democratic Republic of the Congo, 2014. <i>Journal of Virology</i> , 2015 , 89, 10130-2	6.6	12
188	Lethal coinfection of influenza virus and <i>Streptococcus pneumoniae</i> lowers antibody response to influenza virus in lung and reduces numbers of germinal center B cells, T follicular helper cells, and plasma cells in mediastinal lymph Node. <i>Journal of Virology</i> , 2015 , 89, 2013-23	6.6	15
187	Lessons to learn from MERS-CoV outbreak in South Korea. <i>Journal of Infection in Developing Countries</i> , 2015 , 9, 543-6	2.3	15
186	Emergence and evolution of avian H5N2 influenza viruses in chickens in Taiwan. <i>Journal of Virology</i> , 2014 , 88, 5677-86	6.6	40
185	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> , 2014 , 111, 5676-81	11.5	34
184	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> , 2014 , 88, 3568-76	6.6	119
183	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> , 2014 , 111, 3793-8	11.5	114
182	Human H7N9 and H5N1 influenza viruses differ in induction of cytokines and tissue tropism. <i>Journal of Virology</i> , 2014 , 88, 12982-91	6.6	29
181	Occurrence and reassortment of avian influenza A (H7N9) viruses derived from coinfecting birds in China. <i>Journal of Virology</i> , 2014 , 88, 13344-51	6.6	13
180	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> , 2014 , 2, 813-22	35.1	77
179	The neuraminidase inhibitor oseltamivir is effective against A/Anhui/1/2013 (H7N9) influenza virus in a mouse model of acute respiratory distress syndrome. <i>Journal of Infectious Diseases</i> , 2014 , 209, 1343-53	7.3	30
178	Use of fractional factorial design to study the compatibility of viral ribonucleoprotein gene segments of human H7N9 virus and circulating human influenza subtypes. <i>Influenza and Other Respiratory Viruses</i> , 2014 , 8, 580-4	5.6	2
177	Generation and characterization of influenza A viruses with altered polymerase fidelity. <i>Nature Communications</i> , 2014 , 5, 4794	17.4	72
176	The R292K mutation that confers resistance to neuraminidase inhibitors leads to competitive fitness loss of A/Shanghai/1/2013 (H7N9) influenza virus in ferrets. <i>Journal of Infectious Diseases</i> , 2014 , 210, 1900-8	7	26
175	MERS coronavirus in dromedary camel herd, Saudi Arabia. <i>Emerging Infectious Diseases</i> , 2014 , 20, 1231-4	10.2	199
174	Possible role of songbirds and parakeets in transmission of influenza A(H7N9) virus to humans. <i>Emerging Infectious Diseases</i> , 2014 , 20, 380-5	10.2	26
173	MERS coronaviruses in dromedary camels, Egypt. <i>Emerging Infectious Diseases</i> , 2014 , 20, 1049-53	10.2	221
172	Molecular epidemiology of influenza A(H1N1)pdm09 virus among humans and swine, Sri Lanka. <i>Emerging Infectious Diseases</i> , 2014 , 20, 2080-4	10.2	5

171	Social mixing patterns in rural and urban areas of southern China. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014 , 281, 20140268	4.4	104
170	Effect of the PB2 and M Genes on the Replication of H6 Influenza Virus in Chickens. <i>Influenza Research and Treatment</i> , 2014 , 2014, 547839		4
169	Expansion of genotypic diversity and establishment of 2009 H1N1 pandemic-origin internal genes in pigs in China. <i>Journal of Virology</i> , 2014 , 88, 10864-74	6.6	60
168	Multiannual patterns of influenza A transmission in Chinese live bird market systems. <i>Influenza and Other Respiratory Viruses</i> , 2013 , 7, 97-107	5.6	34
167	Avian flu: Gain-of-function experiments on H7N9. <i>Nature</i> , 2013 , 500, 150-1	50.4	19
166	The genesis and source of the H7N9 influenza viruses causing human infections in China. <i>Nature</i> , 2013 , 502, 241-4	50.4	337
165	Minimizing the threat of pandemic emergence from avian influenza in poultry systems. <i>BMC Infectious Diseases</i> , 2013 , 13, 592	4	12
164	Ecology and evolution of influenza viruses in wild and domestic birds 2013 , 173-189		6
163	Immunity toward H1N1 influenza hemagglutinin of historical and contemporary strains suggests protection and vaccine failure. <i>Scientific Reports</i> , 2013 , 3, 1698	4.9	16
162	Antiviral resistance among highly pathogenic influenza A (H5N1) viruses isolated worldwide in 2002-2012 shows need for continued monitoring. <i>Antiviral Research</i> , 2013 , 98, 297-304	10.8	88
161	Molecular detection of human H7N9 influenza A virus causing outbreaks in China. <i>Clinical Chemistry</i> , 2013 , 59, 1062-7	5.5	14
160	Experimental challenge of chicken vaccinated with commercially available H5 vaccines reveals loss of protection to some highly pathogenic avian influenza H5N1 strains circulating in Hong Kong/China. <i>Vaccine</i> , 2013 , 31, 3536-42	4.1	24
159	The emergence and diversification of panzootic H5N1 influenza viruses. <i>Virus Research</i> , 2013 , 178, 35-436.4		71
158	Transmission studies resume for avian flu. <i>Science</i> , 2013 , 339, 520-1	33.3	31
157	Pathogenicity of the novel A/H7N9 influenza virus in mice. <i>MBio</i> , 2013 , 4,	7.8	64
156	Swine influenza in Sri Lanka. <i>Emerging Infectious Diseases</i> , 2013 , 19, 481-4	10.2	14
155	Full-genome deep sequencing and phylogenetic analysis of novel human betacoronavirus. <i>Emerging Infectious Diseases</i> , 2013 , 19, 736-42B	10.2	117
154	H7N9 Incident, immune status, the elderly and a warning of an influenza pandemic. <i>Journal of Infection in Developing Countries</i> , 2013 , 7, 302-7	2.3	42

153	Inferring patterns of influenza transmission in swine from multiple streams of surveillance data. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013 , 280, 20130872	4.4	10
152	Gain-of-function experiments on H7N9. <i>Science</i> , 2013 , 341, 612-3	33.3	18
151	Infection of swine ex vivo tissues with avian viruses including H7N9 and correlation with glycomic analysis. <i>Influenza and Other Respiratory Viruses</i> , 2013 , 7, 1269-82	5.6	24
150	Matriptase, HAT, and TMPRSS2 activate the hemagglutinin of H9N2 influenza A viruses. <i>Journal of Virology</i> , 2013 , 87, 1811-20	6.6	102
149	History of Swine influenza viruses in Asia. <i>Current Topics in Microbiology and Immunology</i> , 2013 , 370, 57-68	33.3	42
148	Anticipating the prevalence of avian influenza subtypes H9 and H5 in live-bird markets. <i>PLoS ONE</i> , 2013 , 8, e56157	3.7	9
147	A novel group of avian astroviruses in wild aquatic birds. <i>Journal of Virology</i> , 2012 , 86, 13772-8	6.6	52
146	Characterization of a novel gyrovirus in human stool and chicken meat. <i>Journal of Clinical Virology</i> , 2012 , 55, 209-13	14.5	59
145	Higher Viral Load and Prolonged Viral Shedding Period is Associated with Impaired Th17 Cell Response in Patients with H1N1 Influenza A. <i>Infection International</i> , 2012 , 1, 137-145		
144	Avian influenza and ban on overnight poultry storage in live poultry markets, Hong Kong. <i>Emerging Infectious Diseases</i> , 2012 , 18, 1339-41	10.2	54
143	Two-dimensional antigenic dendrogram and phylogenetic tree of avian influenza virus H5N1. <i>FEMS Immunology and Medical Microbiology</i> , 2012 , 64, 205-11		4
142	Evidence for antigenic seniority in influenza A (H3N2) antibody responses in southern China. <i>PLoS Pathogens</i> , 2012 , 8, e1002802	7.6	135
141	Evaluation of three commercially available influenza A type-specific blocking enzyme-linked immunosorbent assays for seroepidemiological studies of influenza A virus infection in pigs. <i>Vaccine Journal</i> , 2012 , 19, 334-7		16
140	Pause on avian flu transmission research. <i>Science</i> , 2012 , 335, 400-1	33.3	50
139	H5N1: How to track a flu virus. <i>Nature</i> , 2012 , 483, 535-6	50.4	9
138	The recombinant origin of emerging human norovirus GII.4/2008: intra-genotypic exchange of the capsid P2 domain. <i>Journal of General Virology</i> , 2012 , 93, 817-822	4.9	22
137	Establishment and lineage replacement of H6 influenza viruses in domestic ducks in southern China. <i>Journal of Virology</i> , 2012 , 86, 6075-83	6.6	63
136	Comment on "Seroevidence for H5N1 influenza infections in humans: meta-analysis". <i>Science</i> , 2012 , 336, 1506; author reply 1506	33.3	28

135	Emergence and dissemination of a swine H3N2 reassortant influenza virus with 2009 pandemic H1N1 genes in pigs in China. <i>Journal of Virology</i> , 2012 , 86, 2375-8	6.6	49
134	Avian influenza (H5N1) virus of clade 2.3.2 in domestic poultry in India. <i>PLoS ONE</i> , 2012 , 7, e31844	3.7	47
133	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> , 2011 , 108, 349-54	11.5	48
132	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> , 2011 , 44, 24-33	5.7	66
131	Seroconversion to pandemic (H1N1) 2009 virus and cross-reactive immunity to other swine influenza viruses. <i>Emerging Infectious Diseases</i> , 2011 , 17, 1897-9	10.2	13
130	Long-term evolution and transmission dynamics of swine influenza A virus. <i>Nature</i> , 2011 , 473, 519-22	50.4	178
129	Tropism and innate host response of the 2009 pandemic H1N1 influenza virus compared with related swine influenza viruses and reassortants in ex vivo and in vitro cultures of the human respiratory tract and conjunctiva. <i>Influenza and Other Respiratory Viruses</i> , 2011 , 5, 54-55	5.6	4
128	Early gene expression events in ferrets in response to SARS coronavirus infection versus direct interferon-alpha2b stimulation. <i>Virology</i> , 2011 , 409, 102-12	3.6	28
127	Tissue tropism of swine influenza viruses and reassortants in ex vivo cultures of the human respiratory tract and conjunctiva. <i>Journal of Virology</i> , 2011 , 85, 11581-7	6.6	22
126	Rapid Genotyping of Swine Influenza Viruses. <i>Emerging Infectious Diseases</i> , 2011 , 17, 691-694	10.2	7
125	Avian coronavirus in wild aquatic birds. <i>Journal of Virology</i> , 2011 , 85, 12815-20	6.6	99
124	Extent of antigenic cross-reactivity among highly pathogenic H5N1 influenza viruses. <i>Journal of Clinical Microbiology</i> , 2011 , 49, 3531-6	9.7	22
123	Reassortment events among swine influenza A viruses in China: implications for the origin of the 2009 influenza pandemic. <i>Journal of Virology</i> , 2011 , 85, 10279-85	6.6	50
122	Novel reassortment of Eurasian avian-like and pandemic/2009 influenza viruses in swine: infectious potential for humans. <i>Journal of Virology</i> , 2011 , 85, 10432-9	6.6	69
121	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> , 2011 , 108, 19359-64	11.5	130
120	Location-specific patterns of exposure to recent pre-pandemic strains of influenza A in southern China. <i>Nature Communications</i> , 2011 , 2, 423	17.4	29
119	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> , 2011 , 108, 14264-9	11.5	164
118	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> , 2011 , 204, 1866-78	7	36

117	Changing patterns of h6 influenza viruses in Hong Kong poultry markets. <i>Influenza Research and Treatment</i> , 2011 , 2011, 702092		7
116	Rapid genotyping of swine influenza viruses. <i>Emerging Infectious Diseases</i> , 2011 , 17, 691-4	10.2	4
115	Influenza virus surveillance in migratory ducks and sentinel ducks at Poyang Lake, China. <i>Influenza and Other Respiratory Viruses</i> , 2011 , 5, 65-8	5.6	12
114	Continuing evolution of H9N2 influenza viruses endemic in poultry in southern China. <i>Influenza and Other Respiratory Viruses</i> , 2011 , 5, 68-71	5.6	17
113	Pathogenicity and transmissibility of the pandemic H1N1 2009-related influenza viruses in mice, ferrets, and pigs. <i>Influenza and Other Respiratory Viruses</i> , 2011 , 5, 82-4	5.6	2
112	Identification of influenza A nucleoprotein as an antiviral target. <i>Nature Biotechnology</i> , 2010 , 28, 600-5	44.5	181
111	Molecular characterization of in vivo adjuvant activity in ferrets vaccinated against influenza virus. <i>Journal of Virology</i> , 2010 , 84, 8369-88	6.6	39
110	Cytotoxic T lymphocytes established by seasonal human influenza cross-react against 2009 pandemic H1N1 influenza virus. <i>Journal of Virology</i> , 2010 , 84, 6527-35	6.6	122
109	2009 pandemic H1N1 influenza virus replicates in human lung tissues. <i>Journal of Infectious Diseases</i> , 2010 , 201, 1522-6	7	13
108	Rapid detection of reassortment of pandemic H1N1/2009 influenza virus. <i>Clinical Chemistry</i> , 2010 , 56, 1340-4	5.5	24
107	A live bivalent influenza vaccine based on a H9N2 virus strain. <i>Vaccine</i> , 2010 , 28, 673-80	4.1	9
106	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> , 2010 , 176, 1828-40	5.8	102
105	Detection of novel astroviruses in urban brown rats and previously known astroviruses in humans. <i>Journal of General Virology</i> , 2010 , 91, 2457-62	4.9	78
104	The emergence of pandemic influenza viruses. <i>Protein and Cell</i> , 2010 , 1, 9-13	7.2	112
103	A rapid test for the detection of influenza A virus including pandemic influenza A/H1N1 2009. <i>Journal of Virological Methods</i> , 2010 , 167, 100-2	2.6	17
102	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> , 2010 , 11, 147	7.3	38
101	Substitution of lysine at 627 position in PB2 protein does not change virulence of the 2009 pandemic H1N1 virus in mice. <i>Virology</i> , 2010 , 401, 1-5	3.6	52
100	Full factorial analysis of mammalian and avian influenza polymerase subunits suggests a role of an efficient polymerase for virus adaptation. <i>PLoS ONE</i> , 2009 , 4, e5658	3.7	47

99	Detection of diverse astroviruses from bats in China. <i>Journal of General Virology</i> , 2009 , 90, 883-887	4.9	81
98	Dating the emergence of pandemic influenza viruses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 11709-12	11.5	320
97	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> , 2009 , 182, 1088-98	5.3	121
96	Nuclear factor 90 negatively regulates influenza virus replication by interacting with viral nucleoprotein. <i>Journal of Virology</i> , 2009 , 83, 7850-61	6.6	56
95	Mutations in influenza virus replication and transcription: detection of amino acid substitutions in hemagglutinin of an avian influenza virus (H1N1). <i>FASEB Journal</i> , 2009 , 23, 3377-82	0.9	7
94	Characterization of avian influenza viruses A (H5N1) from wild birds, Hong Kong, 2004-2008. <i>Emerging Infectious Diseases</i> , 2009 , 15, 402-7	10.2	85
93	Serologic survey of pandemic (H1N1) 2009 virus, Guangxi Province, China. <i>Emerging Infectious Diseases</i> , 2009 , 15, 1849-50	10.2	70
92	Analysis of H5N1 avian influenza infections from wild bird surveillance in Hong Kong from January 2006 to October 2007. <i>Avian Pathology</i> , 2009 , 38, 107-19	2.4	19
91	Viral genetic determinants of H5N1 influenza viruses that contribute to cytokine dysregulation. <i>Journal of Infectious Diseases</i> , 2009 , 200, 1104-1112	7	40
90	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> , 2009 , 199, 49-58	7	62
89	Gene flow and competitive exclusion of avian influenza A virus in natural reservoir hosts. <i>Virology</i> , 2009 , 390, 289-97	3.6	91
88	Generation and evaluation of an H9N1 influenza vaccine derived by reverse genetics that allows utilization of a DIVA strategy for control of H9N2 avian influenza. <i>Archives of Virology</i> , 2009 , 154, 1203-10	2.6	8
87	Origins and evolutionary genomics of the 2009 swine-origin H1N1 influenza A epidemic. <i>Nature</i> , 2009 , 459, 1122-5	50.4	1535
86	Systemic infection of avian influenza A virus H5N1 subtype in humans. <i>Human Pathology</i> , 2009 , 40, 735-9	3.7	58
85	Emergence of a novel swine-origin influenza A virus (S-OIV) H1N1 virus in humans. <i>Journal of Clinical Virology</i> , 2009 , 45, 169-73	14.5	252
84	Identifying the species-origin of faecal droppings used for avian influenza virus surveillance in wild-birds. <i>Journal of Clinical Virology</i> , 2009 , 46, 90-3	14.5	27
83	Influenza H5N1 virus infection of polarized human alveolar epithelial cells and lung microvascular endothelial cells. <i>Respiratory Research</i> , 2009 , 10, 102	7.3	79
82	Peptide mimics of a conserved H5N1 avian influenza virus neutralization site. <i>Biochemical Journal</i> , 2009 , 419, 133-9	3.8	6

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