Yi Guan

List of Publications by Year
in descending order

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242	35,651	4653	3725
papers	citations	85 h-index	179 g-index

256	256	256	35046
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	<scp>ggtree</scp>: an <scp>r</scp> package for visualization and annotation of phylogenetic trees with their covariates and other associated data. Methods in Ecology and Evolution, 2017, 8, 28-36.	2.2	2,998
2	Origins and evolutionary genomics of the 2009 swine-origin H1N1 influenza A epidemic. Nature, 2009, 459, 1122-1125.	13.7	1,870
3	Fatal outcome of human influenza A (H5N1) is associated with high viral load and hypercytokinemia. Nature Medicine, 2006, 12, 1203-1207.	15.2	1,645
4	Identifying SARS-CoV-2-related coronaviruses in Malayan pangolins. Nature, 2020, 583, 282-285.	13.7	1,453
5	Characterization and Complete Genome Sequence of a Novel Coronavirus, Coronavirus HKU1, from Patients with Pneumonia. Journal of Virology, 2005, 79, 884-895.	1.5	1,269
6	Unique and Conserved Features of Genome and Proteome of SARS-coronavirus, an Early Split-off From the Coronavirus Group 2 Lineage. Journal of Molecular Biology, 2003, 331, 991-1004.	2.0	1,092
7	Lung pathology of fatal severe acute respiratory syndrome. Lancet, The, 2003, 361, 1773-1778.	6.3	979
8	Receptor and viral determinants of SARS-coronavirus adaptation to human ACE2. EMBO Journal, 2005, 24, 1634-1643.	3.5	892
9	Oseltamivir Resistance during Treatment of Influenza A (H5N1) Infection. New England Journal of Medicine, 2005, 353, 2667-2672.	13.9	823
10	Avian Influenza Virus (H5N1): a Threat to Human Health. Clinical Microbiology Reviews, 2007, 20, 243-267.	5.7	802
11	Heterosubtypic Neutralizing Monoclonal Antibodies Cross-Protective against H5N1 and H1N1 Recovered from Human IgM+ Memory B Cells. PLoS ONE, 2008, 3, e3942.	1.1	676
12	Human Infection with an Avian H9N2 Influenza A Virus in Hong Kong in 2003. Journal of Clinical Microbiology, 2005, 43, 5760-5767.	1.8	561
13	Two Methods for Mapping and Visualizing Associated Data on Phylogeny Using Ggtree. Molecular Biology and Evolution, 2018, 35, 3041-3043.	3.5	535
14	Characterization of Avian H5N1 Influenza Viruses from Poultry in Hong Kong. Virology, 1998, 252, 331-342.	1.1	532
15	The genesis and source of the H7N9 influenza viruses causing human infections in China. Nature, 2013, 502, 241-244.	13.7	429
16	Sensitive and Inexpensive Molecular Test for Falciparum Malaria: Detecting Plasmodium falciparum DNA Directly from Heat-Treated Blood by Loop-Mediated Isothermal Amplification,. Clinical Chemistry, 2006, 52, 303-306.	1.5	422
17	Cytokine Responses in Severe Acute Respiratory Syndrome Coronavirus-Infected Macrophages In Vitro: Possible Relevance to Pathogenesis. Journal of Virology, 2005, 79, 7819-7826.	1.5	394
18	Dating the emergence of pandemic influenza viruses. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 11709-11712.	3.3	387

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19	Children with Respiratory Disease Associated with Metapneumovirus in Hong Kong. Emerging Infectious Diseases, 2003, 9, 628-633.	2.0	381
20	Investigation of outbreaks of highly pathogenic H5N1 avian influenza in waterfowl and wild birds in Hong Kong in late 2002. Avian Pathology, 2004, 33, 492-505.	0.8	380
21	Treatment with Convalescent Plasma for Influenza A (H5N1) Infection. New England Journal of Medicine, 2007, 357, 1450-1451.	13.9	378
22	Co-circulation of three camel coronavirus species and recombination of MERS-CoVs in Saudi Arabia. Science, 2016, 351, 81-84.	6.0	365
23	Reemerging H5N1 Influenza Viruses in Hong Kong in 2002 Are Highly Pathogenic to Ducks. Journal of Virology, 2004, 78, 4892-4901.	1.5	357
24	Treeio: An R Package for Phylogenetic Tree Input and Output with Richly Annotated and Associated Data. Molecular Biology and Evolution, 2020, 37, 599-603.	3.5	348
25	H5N1 Outbreaks and Enzootic Influenza. Emerging Infectious Diseases, 2006, 12, 3-8.	2.0	344
26	Three Indonesian Clusters of H5N1 Virus Infection in 2005. New England Journal of Medicine, 2006, 355, 2186-2194.	13.9	321
27	Lethality to Ferrets of H5N1 Influenza Viruses Isolated from Humans and Poultry in 2004. Journal of Virology, 2005, 79, 2191-2198.	1.5	315
28	Emergence of a novel swine-origin influenza A virus (S-OIV) H1N1 virus in humans. Journal of Clinical Virology, 2009, 45, 169-173.	1.6	302
29	Molecular Evolution Analysis and Geographic Investigation of Severe Acute Respiratory Syndrome Coronavirus-Like Virus in Palm Civets at an Animal Market and on Farms. Journal of Virology, 2005, 79, 11892-11900.	1.5	291
30	Detection of SARS Coronavirus in Patients with Suspected SARS. Emerging Infectious Diseases, 2004, 10, 294-299.	2.0	285
31	SARS-CoV Infection in a Restaurant from Palm Civet. Emerging Infectious Diseases, 2005, 11, 1860-1865.	2.0	283
32	Human Coronavirus NL63 Infection and Other Coronavirus Infections in Children Hospitalized with Acute Respiratory Disease in Hong Kong, China. Clinical Infectious Diseases, 2005, 40, 1721-1729.	2.9	282
33	MERS Coronaviruses in Dromedary Camels, Egypt. Emerging Infectious Diseases, 2014, 20, 1049-1053.	2.0	259
34	Epidemiology of avian influenza A H7N9 virus in human beings across five epidemics in mainland China, 2013â€“17: an epidemiological study of laboratory-confirmed case series. Lancet Infectious Diseases, The, 2017, 17, 822-832.	4.6	251
35	Sialic acid receptor detection in the human respiratory tract: evidence for widespread distribution of potential binding sites for human and avian influenza viruses. Respiratory Research, 2007, 8, 73.	1.4	250
36	Distribution of Amantadineâ€Resistant H5N1 Avian Influenza Variants in Asia. Journal of Infectious Diseases, 2006, 193, 1626-1629.	1.9	243

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37	Identification of influenza A nucleoprotein as an antiviral target. Nature Biotechnology, 2010, 28, 600-605.	9.4	234
38	MERS Coronavirus in Dromedary Camel Herd, Saudi Arabia. Emerging Infectious Diseases, 2014, 20, 1231-4.	2.0	230
39	Clinical and Molecular Epidemiological Features of Coronavirus HKU1â€“Associated Communityâ€Acquired Pneumonia. Journal of Infectious Diseases, 2005, 192, 1898-1907.	1.9	221
40	Long-term evolution and transmission dynamics of swine influenza A virus. Nature, 2011, 473, 519-522.	13.7	219
41	Dissemination, divergence and establishment of H7N9 influenza viruses in China. Nature, 2015, 522, 102-105.	13.7	201
42	Influenza: Emergence and Control. Journal of Virology, 2004, 78, 8951-8959.	1.5	199
43	Hemagglutininâ€“neuraminidase balance confers respiratory-droplet transmissibility of the pandemic H1N1 influenza virus in ferrets. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 14264-14269.	3.3	197
44	Early diagnosis of SARS Coronavirus infection by real time RT-PCR. Journal of Clinical Virology, 2003, 28, 233-238.	1.6	194
45	Evidence for Antigenic Seniority in Influenza A (H3N2) Antibody Responses in Southern China. PLoS Pathogens, 2012, 8, e1002802.	2.1	184
46	Quantifying influenza virus diversity and transmission in humans. Nature Genetics, 2016, 48, 195-200.	9.4	182
47	Characterization of H5N1 Influenza Viruses That Continue To Circulate in Geese in Southeastern China. Journal of Virology, 2002, 76, 118-126.	1.5	177
48	Studies of H5N1 Influenza Virus Infection of Pigs by Using Viruses Isolated in Vietnam and Thailand in 2004. Journal of Virology, 2005, 79, 10821-10825.	1.5	175
49	Alveolar Macrophages Are Indispensable for Controlling Influenza Viruses in Lungs of Pigs. Journal of Virology, 2008, 82, 4265-4274.	1.5	175
50	Human mesenchymal stromal cells reduce influenza A H5N1-associated acute lung injury in vitro and in vivo. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 3621-3626.	3.3	174
51	Vaccination of chickens against H5N1 avian influenza in the face of an outbreak interrupts virus transmission. Avian Pathology, 2004, 33, 405-412.	0.8	168
52	Toll-like receptor 10 is involved in induction of innate immune responses to influenza virus infection. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 3793-3798.	3.3	150
53	Temporally structured metapopulation dynamics and persistence of influenza A H3N2 virus in humans. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 19359-19364.	3.3	146
54	Amino Acid Substitutions in Polymerase Basic Protein 2 Gene Contribute to the Pathogenicity of the Novel A/H7N9 Influenza Virus in Mammalian Hosts. Journal of Virology, 2014, 88, 3568-3576.	1.5	146

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55	Evolutionary Dynamics and Emergence of Panzootic H5N1 Influenza Viruses. PLoS Pathogens, 2008, 4, e1000161.	2.1	143
56	The emergence of pandemic influenza viruses. Protein and Cell, 2010, 1, 9-13.	4.8	140
57	Detection of Human Influenza A Viruses by Loop-Mediated Isothermal Amplification. Journal of Clinical Microbiology, 2005, 43, 427-430.	1.8	136
58	Cytotoxic T Lymphocytes Established by Seasonal Human Influenza Cross-React against 2009 Pandemic H1N1 Influenza Virus. Journal of Virology, 2010, 84, 6527-6535.	1.5	136
59	Induction of Proinflammatory Cytokines in Primary Human Macrophages by Influenza A Virus (H5N1) Is Selectively Regulated by IFN Regulatory Factor 3 and p38 MAPK. Journal of Immunology, 2009, 182, 1088-1098.	0.4	135
60	Avian Coronavirus in Wild Aquatic Birds. Journal of Virology, 2011, 85, 12815-12820.	1.5	135
61	Relative rates of non-pneumonic SARS coronavirus infection and SARS coronavirus pneumonia. Lancet, The, 2004, 363, 841-845.	6.3	134
62	Influenza-Associated Hospitalization in a Subtropical City. PLoS Medicine, 2006, 3, e121.	3.9	133
63	Social mixing patterns in rural and urban areas of southern China. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20140268.	1.2	132
64	Full-Genome Deep Sequencing and Phylogenetic Analysis of Novel Human Betacoronavirus. Emerging Infectious Diseases, 2013, 19, 736-42B.	2.0	131
65	Estimating the Life Course of Influenza A(H3N2) Antibody Responses from Cross-Sectional Data. PLoS Biology, 2015, 13, e1002082.	2.6	129
66	Rapid Diagnosis of a Coronavirus Associated with Severe Acute Respiratory Syndrome (SARS). Clinical Chemistry, 2003, 49, 953-955.	1.5	128
67	Evolutionary Relationships between Bat Coronaviruses and Their Hosts. Emerging Infectious Diseases, 2007, 13, 1526-1532.	2.0	123
68	Detection of SARS Coronavirus in Patients with Severe Acute Respiratory Syndrome by Conventional and Real-Time Quantitative Reverse Transcription-PCR Assays. Clinical Chemistry, 2004, 50, 67-72.	1.5	121
69	Matriptase, HAT, and TMPRSS2 Activate the Hemagglutinin of H9N2 Influenza A Viruses. Journal of Virology, 2013, 87, 1811-1820.	1.5	116
70	Rapid Detection of the Severe Acute Respiratory Syndrome (SARS) Coronavirus by a Loop-Mediated Isothermal Amplification Assay. Clinical Chemistry, 2004, 50, 1050-1052.	1.5	111
71	Hyperinduction of Cyclooxygenaseâ€2â€“Mediated Proinflammatory Cascade: A Mechanism for the Pathogenesis of Avian Influenza H5N1 Infection. Journal of Infectious Diseases, 2008, 198, 525-535.	1.9	111
72	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. American Journal of Pathology, 2010, 176, 1828-1840.	1.9	111

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73	Gene flow and competitive exclusion of avian influenza A virus in natural reservoir hosts. Virology, 2009, 390, 289-297.	1.1	108
74	The emergence and diversification of panzootic H5N1 influenza viruses. Virus Research, 2013, 178, 35-43.	1.1	107
75	Inhibition of SARS-Associated Coronavirus Infection and Replication by RNA Interference. JAMA - Journal of the American Medical Association, 2003, 290, 2665-2666.	3.8	105
76	Antiviral resistance among highly pathogenic influenza A (H5N1) viruses isolated worldwide in 2002â€“2012 shows need for continued monitoring. Antiviral Research, 2013, 98, 297-304.	1.9	105
77	Antigenic Profile of Avian H5N1 Viruses in Asia from 2002 to 2007. Journal of Virology, 2008, 82, 1798-1807.	1.5	100
78	Influenza H5N1 virus infection of polarized human alveolar epithelial cells and lung microvascular endothelial cells. Respiratory Research, 2009, 10, 102.	1.4	99
79	Interspecies transmission of influenza viruses: H5N1 virus and a Hong Kong SAR perspective. Veterinary Microbiology, 2000, 74, 141-147.	0.8	98
80	Characterization of Avian Influenza Viruses A (H5N1) from Wild Birds, Hong Kong, 2004â€“2008. Emerging Infectious Diseases, 2009, 15, 402-407.	2.0	94
81	Generation and characterization of influenza A viruses with altered polymerase fidelity. Nature Communications, 2014, 5, 4794.	5.8	94
82	Risk for Infection with Highly Pathogenic Influenza A Virus (H5N1) in Chickens, Hong Kong, 2002. Emerging Infectious Diseases, 2007, 13, 412-418.	2.0	91
83	Multiple Sublineages of Influenza A Virus (H5N1), Vietnam, 2005â˜2007. Emerging Infectious Diseases, 2008, 14, 632-636.	2.0	91
84	Detection of diverse astroviruses from bats in China. Journal of General Virology, 2009, 90, 883-887.	1.3	91
85	Detection of novel astroviruses in urban brown rats and previously known astroviruses in humans. Journal of General Virology, 2010, 91, 2457-2462.	1.3	91
86	Emergence of human infection with Jingmen tick virus in China: A retrospective study. EBioMedicine, 2019, 43, 317-324.	2.7	91
87	Characterization of a Human H5N1 Influenza A Virus Isolated in 2003. Journal of Virology, 2005, 79, 9926-9932.	1.5	90
88	Mammalian adaptation of influenza A(H7N9) virus is limited by a narrow genetic bottleneck. Nature Communications, 2015, 6, 6553.	5.8	90
89	Prophylactic and Therapeutic Effects of Small Interfering Rna Targeting Sars-Coronavirus. Antiviral Therapy, 2004, 9, 365-374.	0.6	88
90	SARS-related Virus Predating SARS Outbreak, Hong Kong. Emerging Infectious Diseases, 2004, 10, 176-178.	2.0	86

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91	Tropism and replication of Middle East respiratory syndrome coronavirus from dromedary camels in the human respiratory tract: an in-vitro and ex-vivo study. Lancet Respiratory Medicine,the, 2014, 2, 813-822.	5.2	86
92	Role of Terrestrial Wild Birds in Ecology of Influenza A Virus (H5N1). Emerging Infectious Diseases, 2007, 13, 1720-1724.	2.0	85
93	Loop-Mediated Isothermal Amplification for Influenza A (H5N1) Virus. Emerging Infectious Diseases, 2007, 13, 899-901.	2.0	84
94	Novel Reassortment of Eurasian Avian-Like and Pandemic/2009 Influenza Viruses in Swine: Infectious Potential for Humans. Journal of Virology, 2011, 85, 10432-10439.	1.5	80
95	Expansion of Genotypic Diversity and Establishment of 2009 H1N1 Pandemic-Origin Internal Genes in Pigs in China. Journal of Virology, 2014, 88, 10864-10874.	1.5	79
96	Serologic Survey of Pandemic (H1N1) 2009 Virus, Guangxi Province, China. Emerging Infectious Diseases, 2009, 15, 1849-1850.	2.0	77
97	Establishment and Lineage Replacement of H6 Influenza Viruses in Domestic Ducks in Southern China. Journal of Virology, 2012, 86, 6075-6083.	1.5	77
98	Interventions to reduce zoonotic and pandemic risks from avian influenza in Asia. Lancet Infectious Diseases, The, 2016, 16, 252-258.	4.6	75
99	Host Immune and Apoptotic Responses to Avian Influenza Virus H9N2 in Human Tracheobronchial Epithelial Cells. American Journal of Respiratory Cell and Molecular Biology, 2011, 44, 24-33.	1.4	74
100	Potent Inhibition of SARS-Associated Coronavirus (SCoV) Infection and Replication by Type I Interferons (IFN-Î±/Î²) but Not by Type II Interferon (IFN-Î³). Journal of Interferon and Cytokine Research, 2004, 24, 388-390.	0.5	73
101	ggmsa: a visual exploration tool for multiple sequence alignment and associated data. Briefings in Bioinformatics, 2022, 23, .	3.2	71
102	Neurovirulence in Mice of H5N1 Influenza Virus Genotypes Isolated from Hong Kong Poultry in 2001. Journal of Virology, 2003, 77, 3816-3823.	1.5	69
103	A Novel Group of Avian Astroviruses in Wild Aquatic Birds. Journal of Virology, 2012, 86, 13772-13778.	1.5	69
104	Characterization of a novel gyrovirus in human stool and chicken meat. Journal of Clinical Virology, 2012, 55, 209-213.	1.6	68
105	Pathogenicity of the Novel A/H7N9 Influenza Virus in Mice. MBio, 2013, 4, .	1.8	68
106	Detection and Phylogenetic Analysis of Group 1 Coronaviruses in South American Bats. Emerging Infectious Diseases, 2008, 14, 1890-1893.	2.0	66
107	Emergence and Evolution of Avian H5N2 Influenza Viruses in Chickens in Taiwan. Journal of Virology, 2014, 88, 5677-5686.	1.5	66
108	Dual E627K and D701N mutations in the PB2 protein of A(H7N9) influenza virus increased its virulence in mammalian models. Scientific Reports, 2015, 5, 14170.	1.6	66

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109	Broad Cross-Protection against H5N1 Avian Influenza Virus Infection by Means of Monoclonal Antibodies that Map to Conserved Viral Epitopes. Journal of Infectious Diseases, 2009, 199, 49-58.	1.9	65
110	Avian Influenza and Ban on Overnight Poultry Storage in Live Poultry Markets, Hong Kong. Emerging Infectious Diseases, 2012, 18, 1339-1341.	2.0	65
111	Intranasal immunization with inactivated SARS-CoV (SARS-associated coronavirus) induced local and serum antibodies in mice. Vaccine, 2005, 23, 924-931.	1.7	64
112	Systemic infection of avian influenza A virus H5N1 subtype in humans. Human Pathology, 2009, 40, 735-739.	1.1	64
113	Synthetic Peptides outside the Spike Protein Heptad Repeat Regions as Potent Inhibitors of Sars-Associated Coronavirus. Antiviral Therapy, 2005, 10, 393-403.	0.6	63
114	Nuclear Factor 90 Negatively Regulates Influenza Virus Replication by Interacting with Viral Nucleoprotein. Journal of Virology, 2009, 83, 7850-7861.	1.5	62
115	Emergence and Evolution of H10 Subtype Influenza Viruses in Poultry in China. Journal of Virology, 2015, 89, 3534-3541.	1.5	61
116	Pause on Avian Flu Transmission Research. Science, 2012, 335, 400-401.	6.0	58
117	Reassortment Events among Swine Influenza A Viruses in China: Implications for the Origin of the 2009 Influenza Pandemic. Journal of Virology, 2011, 85, 10279-10285.	1.5	57
118	A comparison of hemagglutination inhibition and neutralization assays for characterizing immunity to seasonal influenza A. Influenza and Other Respiratory Viruses, 2016, 10, 518-524.	1.5	57
119	Gender associates with both susceptibility to infection and pathogenesis of SARS-CoV-2 in Syrian hamster. Signal Transduction and Targeted Therapy, 2021, 6, 136.	7.1	57
120	Evaluation of Real-Time Reverse Transcriptase PCR and Real-Time Loop-Mediated Amplification Assays for Severe Acute Respiratory Syndrome Coronavirus Detection. Journal of Clinical Microbiology, 2005, 43, 3457-3459.	1.8	56
121	Poultry Drinking Water Used for Avian Influenza Surveillance. Emerging Infectious Diseases, 2007, 13, 1380-1382.	2.0	56
122	A recombinant spike protein subunit vaccine confers protective immunity against SARS-CoV-2 infection and transmission in hamsters. Science Translational Medicine, 2021, 13, .	5.8	56
123	Avian Influenza (H5N1) Virus of Clade 2.3.2 in Domestic Poultry in India. PLoS ONE, 2012, 7, e31844.	1.1	56
124	Substitution of lysine at 627 position in PB2 protein does not change virulence of the 2009 pandemic H1N1 virus in mice. Virology, 2010, 401, 1-5.	1.1	55
125	The development and characterization of H5 influenza virus vaccines derived from a 2003 human isolate. Vaccine, 2006, 24, 3669-3676.	1.7	54
126	Effect of Interventions on Influenza A (H9N2) Isolation in Hong Kongâ€™s Live Poultry Markets, 1999â€“2005. Emerging Infectious Diseases, 2007, 13, 1340-1347.	2.0	54

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127	Molecular epidemiology of human enterovirus 71 at the origin of an epidemic of fatal hand, foot and mouth disease cases in Cambodia. Emerging Microbes and Infections, 2016, 5, 1-9.	3.0	54
128	Full Factorial Analysis of Mammalian and Avian Influenza Polymerase Subunits Suggests a Role of an Efficient Polymerase for Virus Adaptation. PLoS ONE, 2009, 4, e5658.	1.1	53
129	Comparison of the Replication of Influenza A Viruses in Chinese Ring-Necked Pheasants and Chukar Partridges. Journal of Virology, 2006, 80, 2151-2161.	1.5	52
130	Reliable universal RT-PCR assays for studying influenza polymerase subunit gene sequences from all 16 haemagglutinin subtypes. Journal of Virological Methods, 2007, 142, 218-222.	1.0	52
131	Feasibility of reconstructed ancestral H5N1 influenza viruses for cross-clade protective vaccine development. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 349-354.	3.3	52
132	Emergence and Dissemination of a Swine H3N2 Reassortant Influenza Virus with 2009 Pandemic H1N1 Genes in Pigs in China. Journal of Virology, 2012, 86, 2375-2378.	1.5	52
133	A one step quantitative RT-PCR for detection of SARS coronavirus with an internal control for PCR inhibitors. Journal of Clinical Virology, 2004, 30, 214-217.	1.6	51
134	Emergence and development of H7N9 influenza viruses in China. Current Opinion in Virology, 2016, 16, 106-113.	2.6	50
135	History of Swine Influenza Viruses in Asia. Current Topics in Microbiology and Immunology, 2011, 370, 57-68.	0.7	47
136	Antigenic Differences between H5N1 Human Influenza Viruses Isolated in 1997 and 2003. Journal of Veterinary Medical Science, 2004, 66, 303-305.	0.3	46
137	Viral Genetic Determinants of H5N1 Influenza Viruses That Contribute to Cytokine Dysregulation. Journal of Infectious Diseases, 2009, 200, 1104-1112.	1.9	46
138	IL-15 adjuvanted multivalent vaccinia-based universal influenza vaccine requires CD4 ⁺ T cells for heterosubtypic protection. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 5676-5681.	3.3	46
139	Molecular Characterization ofIn VivoAdjuvant Activity in Ferrets Vaccinated against Influenza Virus. Journal of Virology, 2010, 84, 8369-8388.	1.5	45
140	Molecular analysis of avian H7 influenza viruses circulating in Eurasia in 1999â€“2005: detection of multiple reassortant virus genotypes. Journal of General Virology, 2008, 89, 48-59.	1.3	44
141	H7N9 Incident, immune status, the elderly and a warning of an influenza pandemic. Journal of Infection in Developing Countries, 2013, 7, 302-307.	0.5	43
142	Multiannual patterns of influenza A transmission in Chinese live bird market systems. Influenza and Other Respiratory Viruses, 2013, 7, 97-107.	1.5	41
143	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. Respiratory Research, 2010, 11, 147.	1.4	40
144	Early gene expression events in ferrets in response to SARS coronavirus infection versus direct interferon-alpha2b stimulation. Virology, 2011, 409, 102-112.	1.1	40

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145	H5N1 Influenza Virusâ€“Induced Mediators Upregulate RIG-I in Uninfected Cells by Paracrine Effects Contributing to Amplified Cytokine Cascades. Journal of Infectious Diseases, 2011, 204, 1866-1878.	1.9	40
146	Genomic Analysis of the Emergence, Evolution, and Spread of Human Respiratory RNA Viruses. Annual Review of Genomics and Human Genetics, 2016, 17, 193-218.	2.5	38
147	Performance Evaluation of Five Detection Tests for Avian Influenza Antigen with Various Avian Samples. Avian Diseases, 2007, 51, 96-105.	0.4	37
148	Genotypic diversity of H5N1 highly pathogenic avian influenza viruses. Journal of General Virology, 2008, 89, 2182-2193.	1.3	37
149	Identifying the species-origin of faecal droppings used for avian influenza virus surveillance in wild-birds. Journal of Clinical Virology, 2009, 46, 90-93.	1.6	37
150	Location-specific patterns of exposure to recent pre-pandemic strains of influenza A in southern China. Nature Communications, 2011, 2, 423.	5.8	36
151	Human H7N9 and H5N1 Influenza Viruses Differ in Induction of Cytokines and Tissue Tropism. Journal of Virology, 2014, 88, 12982-12991.	1.5	36
152	The Neuraminidase Inhibitor Oseltamivir Is Effective Against A/Anhui/1/2013 (H7N9) Influenza Virus in a Mouse Model of Acute Respiratory Distress Syndrome. Journal of Infectious Diseases, 2014, 209, 1343-1353.	1.9	36
153	Tissue Tropism of Swine Influenza Viruses and Reassortants in Ex Vivo Cultures of the Human Respiratory Tract and Conjunctiva. Journal of Virology, 2011, 85, 11581-11587.	1.5	35
154	Transmission Studies Resume for Avian Flu. Science, 2013, 339, 520-521.	6.0	34
155	Possible Role of Songbirds and Parakeets in Transmission of Influenza A(H7N9) Virus to Humans. Emerging Infectious Diseases, 2014, 20, 380-5.	2.0	32
156	Comment on â€œSeroevidence for H5N1 Influenza Infections in Humans: Meta-Analysisâ€• Science, 2012, 336, 1506-1506.	6.0	31
157	Infection of swine ex vivo tissues with avian viruses including H7N9 and correlation with glycomic analysis. Influenza and Other Respiratory Viruses, 2013, 7, 1269-1282.	1.5	30
158	Infectivity and Transmissibility of Avian H9N2 Influenza Viruses in Pigs. Journal of Virology, 2016, 90, 3506-3514.	1.5	29
159	Extent of Antigenic Cross-Reactivity among Highly Pathogenic H5N1 Influenza Viruses. Journal of Clinical Microbiology, 2011, 49, 3531-3536.	1.8	28
160	Lessons to learn from MERS-CoV outbreak in South Korea. Journal of Infection in Developing Countries, 2015, 9, 543-546.	0.5	28
161	Recurrent mutations associated with isolation and passage of SARS coronavirus in cells from non-human primates. Journal of Medical Virology, 2005, 76, 435-440.	2.5	27
162	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. Vaccine, 2013, 31, 3536-3542.	1.7	27

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163	The R292K Mutation That Confers Resistance to Neuraminidase Inhibitors Leads to Competitive Fitness Loss of A/Shanghai/1/2013 (H7N9) Influenza Virus in Ferrets. Journal of Infectious Diseases, 2014, 210, 1900-1908.	1.9	27
164	Tropism and innate host responses of influenza A/H5N6 virus: an analysis ofexÂvivoandin vitrocultures of the human respiratory tract. European Respiratory Journal, 2017, 49, 1601710.	3.1	27
165	Rapid Detection of Reassortment of Pandemic H1N1/2009 Influenza Virus. Clinical Chemistry, 2010, 56, 1340-1344.	1.5	26
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