Richard John Webby

List of Publications by Year
in descending order

289 papers	17,240 citations	16451 64 h-index	20358 116 g-index
328 all docs	328 docs citations	328 times ranked	16813 citing authors

#	Article	IF	Citations
1	Synergism of TNF-Î± and IFN-Î³ Triggers Inflammatory Cell Death, Tissue Damage, and Mortality in SARS-CoV-2 Infection and Cytokine Shock Syndromes. Cell, 2021, 184, 149-168.e17.	28.9	923
2	Infection and Rapid Transmission of SARS-CoV-2 in Ferrets. Cell Host and Microbe, 2020, 27, 704-709.e2.	11.0	815
3	Are We Ready for Pandemic Influenza?. Science, 2003, 302, 1519-1522.	12.6	586
4	SARS-CoV-2 Omicron virus causes attenuated disease in mice and hamsters. Nature, 2022, 603, 687-692.	27.8	475
5	Cross-neutralization of influenza A viruses mediated by a single antibody loop. Nature, 2012, 489, 526-532.	27.8	434
6	The genesis and source of the H7N9 influenza viruses causing human infections in China. Nature, 2013, 502, 241-244.	27.8	429
7	Eight-plasmid system for rapid generation of influenza virus vaccines. Vaccine, 2002, 20, 3165-3170.	3.8	374
8	Evolution of Swine H3N2 Influenza Viruses in the United States. Journal of Virology, 2000, 74, 8243-8251.	3.4	334
9	The polymerase complex genes contribute to the high virulence of the human H5N1 influenza virus isolate A/Vietnam/1203/04. Journal of Experimental Medicine, 2006, 203, 689-697.	8.5	316
10	Infection and Vaccine-Induced Neutralizing-Antibody Responses to the SARS-CoV-2 B.1.617 Variants. New England Journal of Medicine, 2021, 385, 664-666.	27.0	297
11	Isolation of a Novel Swine Influenza Virus from Oklahoma in 2011 Which Is Distantly Related to Human Influenza C Viruses. PLoS Pathogens, 2013, 9, e1003176.	4.7	268
12	Impact of the COVID-19 nonpharmaceutical interventions on influenza and other respiratory viral infections in New Zealand. Nature Communications, 2021, 12, 1001.	12.8	268
13	Cross-Reactive Neuraminidase Antibodies Afford Partial Protection against H5N1 in Mice and Are Present in Unexposed Humans. PLoS Medicine, 2007, 4, e59.	8.4	249
14	Replication and Transmission of H9N2 Influenza Viruses in Ferrets: Evaluation of Pandemic Potential. PLoS ONE, 2008, 3, e2923.	2.5	248
15	Influenza in Migratory Birds and Evidence of Limited Intercontinental Virus Exchange. PLoS Pathogens, 2007, 3, e167.	4.7	241
16	Influenza Virus: Dealing with a Drifting and Shifting Pathogen. Viral Immunology, 2018, 31, 174-183.	1.3	232
17	The Interaction between Respiratory Pathogens and Mucus. Cell Host and Microbe, 2016, 19, 159-168.	11.0	221
18	Long-term evolution and transmission dynamics of swine influenza A virus. Nature, 2011, 473, 519-522.	27.8	219

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19	Dissemination, divergence and establishment of H7N9 influenza viruses in China. Nature, 2015, 522, 102-105.	27.8	201
20	Identification of H2N3 influenza A viruses from swine in the United States. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 20949-20954.	7.1	198
21	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.	7.1	197
22	Host Genetic Variation Affects Resistance to Infection with a Highly Pathogenic H5N1 Influenza A Virus in Mice. Journal of Virology, 2009, 83, 10417-10426.	3.4	169
23	Multiple Reassortment between Pandemic (H1N1) 2009 and Endemic Influenza Viruses in Pigs, United States. Emerging Infectious Diseases, 2011, 17, 1624-1629.	4.3	165
24	Pathogenesis of Hong Kong H5N1 influenza virus NS gene reassortants in mice: the role of cytokines and B- and T-cell responses. Journal of General Virology, 2005, 86, 1121-1130.	2.9	155
25	Mucosal Immune Responses Predict Clinical Outcomes during Influenza Infection Independently of Age and Viral Load. American Journal of Respiratory and Critical Care Medicine, 2014, 189, 449-462.	5.6	152
26	A Phylogeny-Based Global Nomenclature System and Automated Annotation Tool for H1 Hemagglutinin Genes from Swine Influenza A Viruses. MSphere, 2016, 1, .	2.9	151
27	The Polymerase Acidic Protein Gene of Influenza A Virus Contributes to Pathogenicity in a Mouse Model. Journal of Virology, 2009, 83, 12325-12335.	3.4	149
28	The global antigenic diversity of swine influenza A viruses. ELife, 2016, 5, e12217.	6.0	146
29	Epidemiological, antigenic and genetic characteristics of seasonal influenza A(H1N1), A(H3N2) and B influenza viruses: Basis for the WHO recommendation on the composition of influenza vaccines for use in the 2009â€"2010 Northern Hemisphere season. Vaccine, 2010, 28, 1156-1167.	3.8	145
30	Impaired NLRP3 inflammasome activation/pyroptosis leads to robust inflammatory cell death via caspase-8/RIPK3 during coronavirus infection. Journal of Biological Chemistry, 2020, 295, 14040-14052.	3.4	144
31	MERS coronaviruses from camels in Africa exhibit region-dependent genetic diversity. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 3144-3149.	7.1	142
32	Immunization with Reverseâ€Geneticsâ€"Produced H5N1 Influenza Vaccine Protects Ferrets against Homologous and Heterologous Challenge. Journal of Infectious Diseases, 2006, 194, 159-167.	4.0	129
33	Diversity of influenza viruses in swine and the emergence of a novel human pandemic influenza A (H1N1). Influenza and Other Respiratory Viruses, 2009, 3, 207-213.	3.4	126
34	Pathogenesis of Influenza D Virus in Cattle. Journal of Virology, 2016, 90, 5636-5642.	3.4	125
35	Natural history of highly pathogenic avian influenza H5N1. Virus Research, 2013, 178, 63-77.	2.2	122
36	Defining the risk of SARS-CoV-2 variants on immune protection. Nature, 2022, 605, 640-652.	27.8	117

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37	Protection and compensation in the influenza virus-specific CD8+ T cell response. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 7235-7240.	7.1	115
38	Role of specific hemagglutinin amino acids in the immunogenicity and protection of H5N1 influenza virus vaccines. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 12915-12920.	7.1	115
39	Influenza D virus infection in Mississippi beef cattle. Virology, 2015, 486, 28-34.	2.4	115
40	Exuberant fibroblast activity compromises lung function via ADAMTS4. Nature, 2020, 587, 466-471.	27.8	108
41	Matrix Gene of Influenza A Viruses Isolated from Wild Aquatic Birds: Ecology and Emergence of Influenza A Viruses. Journal of Virology, 2004, 78, 8771-8779.	3.4	106
42	Pathobiological features of a novel, highly pathogenic avian influenza A(H5N8) virus. Emerging Microbes and Infections, 2014, 3, 1-13.	6.5	106
43	Coincident ruddy turnstone migration and horseshoe crab spawning creates an ecological â€˜hot spotâ€™ for influenza viruses. Proceedings of the Royal Society B: Biological Sciences, 2010, 277, 3373-3379.	2.6	105
44	Molecular requirements for a pandemic influenza virus: An acid-stable hemagglutinin protein. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 1636-1641.	7.1	105
45	Passive immunoprophylaxis and therapy with humanized monoclonal antibody specific for influenza A H5 hemagglutinin in mice. Respiratory Research, 2006, 7, 126.	3.6	103
46	Molecular constraints to interspecies transmission of viral pathogens. Nature Medicine, 2004, 10, S77-S81.	30.7	102
47	WHO recommendations for the viruses used in the 2013â€"2014 Northern Hemisphere influenza vaccine: Epidemiology, antigenic and genetic characteristics of influenza A(H1N1)pdm09, A(H3N2) and B influenza viruses collected from October 2012 to January 2013. Vaccine, 2014, 32, 4713-4725.	3.8	102
48	Mammalian adaptation of influenza A(H7N9) virus is limited by a narrow genetic bottleneck. Nature Communications, 2015, 6, 6553.	12.8	90
49	The evolution and future of influenza pandemic preparedness. Experimental and Molecular Medicine, 2021, 53, 737-749.	7.7	88
50	Live Bird Markets of Bangladesh: H9N2 Viruses and the Near Absence of Highly Pathogenic H5N1 Influenza. PLoS ONE, 2011, 6, e19311.	2.5	84
51	Influenza A Virus Migration and Persistence in North American Wild Birds. PLoS Pathogens, 2013, 9, e1003570.	4.7	83
52	Contribution of antibody production against neuraminidase to the protection afforded by influenza vaccines. Reviews in Medical Virology, 2012, 22, 267-279.	8.3	82
53	ZBP1-dependent inflammatory cell death, PANoptosis, and cytokine storm disrupt IFN therapeutic efficacy during coronavirus infection. Science Immunology, 2022, 7, eabo6294.	11.9	82
54	H5N1 Influenza Virus Pathogenesis in Genetically Diverse Mice Is Mediated at the Level of Viral Load. MBio, 2011, 2, .	4.1	79

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55	Avian Influenza A(H5N1) Virus in Egypt. Emerging Infectious Diseases, 2016, 22, 379-388.	4.3	79
56	The C-Terminal Tail of TRIM56 Dictates Antiviral Restriction of Influenza A and B Viruses by Impeding Viral RNA Synthesis. Journal of Virology, 2016, 90, 4369-4382.	3.4	74
57	H5 influenza, a global update. Journal of Microbiology, 2017, 55, 196-203.	2.8	74
58	Efficacy of H5 Influenza Vaccines Produced by Reverse Genetics in a Lethal Mouse Model. Journal of Infectious Diseases, 2005, 191, 1216-1220.	4.0	71
59	Active Surveillance for Avian Influenza Virus, Egypt, 2010â€“2012. Emerging Infectious Diseases, 2014, 20, 542-551.	4.3	71
60	Antigenic and Molecular Characterization of Avian Influenza A(H9N2) Viruses, Bangladesh. Emerging Infectious Diseases, 2013, 19, .	4.3	70
61	Pandemic potential of highly pathogenic avian influenza clade 2.3.4.4 A(H5) viruses. Reviews in Medical Virology, 2020, 30, e2099.	8.3	70
62	Molecular changes associated with adaptation of human influenza A virus in embryonated chicken eggs. Virology, 2006, 350, 137-145.	2.4	69
63	Genotype turnover by reassortment of replication complex genes from avian Influenza A virus. Journal of General Virology, 2006, 87, 2803-2815.	2.9	69
64	Avian Influenza A(H5N1) and A(H9N2) Seroprevalence and Risk Factors for Infection Among Egyptians: A Prospective, Controlled Seroepidemiological Study. Journal of Infectious Diseases, 2015, 211, 1399-1407.	4.0	69
65	Baseline Serum Vitamin A and D Levels Determine Benefit of Oral Vitamin A&D Supplements to Humoral Immune Responses Following Pediatric Influenza Vaccination. Viruses, 2019, 11, 907.	3.3	69
66	Insight into live bird markets of Bangladesh: an overview of the dynamics of transmission of H5N1 and H9N2 avian influenza viruses. Emerging Microbes and Infections, 2017, 6, 1-8.	6.5	68
67	Generation of High-Yielding Influenza A Viruses in African Green Monkey Kidney (Vero) Cells by Reverse Genetics. Journal of Virology, 2004, 78, 1851-1857.	3.4	66
68	Active Surveillance for Influenza A Virus among Swine, Midwestern United States, 2009â€“2011. Emerging Infectious Diseases, 2013, 19, 954-960.	4.3	66
69	Pre-existing humoral immunity to human common cold coronaviruses negatively impacts the protective SARS-CoV-2 antibody response. Cell Host and Microbe, 2022, 30, 83-96.e4.	11.0	64
70	Protection from the 2009 H1N1 Pandemic Influenza by an Antibody from Combinatorial Survivor-Based Libraries. PLoS Pathogens, 2010, 6, e1000990.	4.7	63
71	Reassortment and Interspecies Transmission of North American H6N2 Influenza Viruses. Virology, 2002, 295, 44-53.	2.4	61
72	Emergence and Evolution of H10 Subtype Influenza Viruses in Poultry in China. Journal of Virology, 2015, 89, 3534-3541.	3.4	61

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73	Longitudinal study of Middle East Respiratory Syndrome coronavirus infection in dromedary camel herds in Saudi Arabia, 2014â€“2015. Emerging Microbes and Infections, 2017, 6, 1-7.	6.5	59
74	Genetic and antigenic evolution of H9N2 avian influenza viruses circulating in Egypt between 2011 and 2013. Archives of Virology, 2014, 159, 2861-2876.	2.1	58
75	Novel Highly Pathogenic Avian A(H5N2) and A(H5N8) Influenza Viruses of Clade 2.3.4.4 from North America Have Limited Capacity for Replication and Transmission in Mammals. MSphere, 2016, 1, .	2.9	56
76	A Contributing Role for Anti-Neuraminidase Antibodies on Immunity to Pandemic H1N1 2009 Influenza A Virus. PLoS ONE, 2011, 6, e26335.	2.5	55
77	Systematic, active surveillance for Middle East respiratory syndrome coronavirus in camels in Egypt. Emerging Microbes and Infections, 2017, 6, 1-7.	6.5	55
78	Evidence of Infection with H4 and H11 Avian Influenza Viruses among Lebanese Chicken Growers. PLoS ONE, 2011, 6, e26818.	2.5	55
79	Respiratory transmission of an avian H3N8 influenza virus isolated from a harbour seal. Nature Communications, 2014, 5, 4791.	12.8	54
80	Profiling and Characterization of Influenza Virus N1 Strains Potentially Resistant to Multiple Neuraminidase Inhibitors. Journal of Virology, 2015, 89, 287-299.	3.4	54
81	Genetic characterization of highly pathogenic avian influenza A H5N8 viruses isolated from wild birds in Egypt. Journal of General Virology, 2017, 98, 1573-1586.	2.9	54
82	The Epidemiological and Molecular Aspects of Influenza H5N1 Viruses at the Human-Animal Interface in Egypt. PLoS ONE, 2011, 6, e17730.	2.5	53
83	Identification of the I38T PA Substitution as a Resistance Marker for Next-Generation Influenza Virus Endonuclease Inhibitors. MBio, 2018, 9, .	4.1	53
84	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.	7.1	52
85	Analysis of Recombinant H7N9 Wild-Type and Mutant Viruses in Pigs Shows that the Q226L Mutation in HA Is Important for Transmission. Journal of Virology, 2014, 88, 8153-8165.	3.4	52
86	A vaccine-induced public antibody protects against SARS-CoV-2 and emerging variants. Immunity, 2021, 54, 2159-2166.e6.	14.3	52
87	Viral reassortment and transmission after co-infection of pigs with classical H1N1 and triple-reassortant H3N2 swine influenza viruses. Journal of General Virology, 2010, 91, 2314-2321.	2.9	51
88	Virulence and Genetic Compatibility of Polymerase Reassortant Viruses Derived from the Pandemic (H1N1) 2009 Influenza Virus and Circulating Influenza A Viruses. Journal of Virology, 2011, 85, 6275-6286.	3.4	51
89	Epistatic interactions between neuraminidase mutations facilitated the emergence of the oseltamivir-resistant H1N1 influenza viruses. Nature Communications, 2014, 5, 5029.	12.8	51
90	Identification and characterization of influenza variants resistant to a viral endonuclease inhibitor. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 3669-3674.	7.1	51

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91	Hidden Epitopes Emerge in Secondary Influenza Virus-Specific CD8+ T Cell Reponses. Journal of Immunology, 2007, 178, 3091-3098.	0.8	50
92	Quantitative Proteomic Analysis of the Influenza A Virus Nonstructural Proteins NS1 and NS2 during Natural Cell Infection Identifies PACT as an NS1 Target Protein and Antiviral Host Factor. Journal of Virology, 2014, 88, 9038-9048.	3.4	50
93	Ecosystem Interactions Underlie the Spread of Avian Influenza A Viruses with Pandemic Potential. PLoS Pathogens, 2016, 12, e1005620.	4.7	48
94	Combinations of Oseltamivir and T-705 Extend the Treatment Window for Highly Pathogenic Influenza A(H5N1) Virus Infection in Mice. Scientific Reports, 2016, 6, 26742.	3.3	48
95	Influenza D Virus Infection in Feral Swine Populations, United States. Emerging Infectious Diseases, 2018, 24, 1020-1028.	4.3	48
96	Genesis of avian influenza H9N2 in Bangladesh. Emerging Microbes and Infections, 2014, 3, 1-17.	6.5	46
97	Molecular characterization of avian influenza H5N1 virus in Egypt and the emergence of a novel endemic subclade. Journal of General Virology, 2014, 95, 1444-1463.	2.9	46
98	The Hemagglutinin Stem-Binding Monoclonal Antibody VIS410 Controls Influenza Virus-Induced Acute Respiratory Distress Syndrome. Antimicrobial Agents and Chemotherapy, 2016, 60, 2118-2131.	3.2	46
99	Inactivated Seasonal Influenza Vaccines Increase Serum Antibodies to the Neuraminidase of Pandemic Influenza A(H1N1) 2009 Virus in an Ageâ€Dependent Manner. Journal of Infectious Diseases, 2010, 202, 1634-1638.	4.0	45
100	Protein Microarray Analysis of the Specificity and Cross-Reactivity of Influenza Virus Hemagglutinin-Specific Antibodies. MSphere, 2018, 3, .	2.9	45
101	Continuing Threat of Influenza (H5N1) Virus Circulation in Egypt. Emerging Infectious Diseases, 2011, 17, 2306-2308.	4.3	44
102	Improving the selection and development of influenza vaccine viruses â€“ Report of a WHO informal consultation on improving influenza vaccine virus selection, Hong Kong SAR, China, 18â€“20 November 2015. Vaccine, 2017, 35, 1104-1109.	3.8	44
103	Novel reassortant H9N2 viruses in pigeons and evidence for antigenic diversity of H9N2 viruses isolated from quails in Egypt. Journal of General Virology, 2017, 98, 548-562.	2.9	44
104	Severe Influenza Is Characterized by Prolonged Immune Activation: Results From the SHIVERS Cohort Study. Journal of Infectious Diseases, 2018, 217, 245-256.	4.0	44
105	Genetic characterisation of novel, highly pathogenic avian influenza (HPAI) H5N6 viruses isolated in birds, South Korea, November 2016. Eurosurveillance, 2017, 22, .	7.0	44
106	Global update on the susceptibilities of human influenza viruses to neuraminidase inhibitors and the cap-dependent endonuclease inhibitor baloxavir, 2018â€“2020. Antiviral Research, 2022, 200, 105281.	4.1	44
107	Unique Determinants of Neuraminidase Inhibitor Resistance among N3, N7, and N9 Avian Influenza Viruses. Journal of Virology, 2015, 89, 10891-10900.	3.4	43
108	Risk Factors and Attack Rates of Seasonal Influenza Infection: Results of the Southern Hemisphere Influenza and Vaccine Effectiveness Research and Surveillance (SHIVERS) Seroepidemiologic Cohort Study. Journal of Infectious Diseases, 2019, 219, 347-357.	4.0	43

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109	Influenza A and B viruses with reduced baloxavir susceptibility display attenuated in vitro fitness but retain ferret transmissibility. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 8593-8601.	7.1	43
110	Multiple introductions of highly pathogenic avian influenza H5N1 viruses into Bangladesh. Emerging Microbes and Infections, 2014, 3, 1-14.	6.5	42
111	Genesis of Influenza A(H5N8) Viruses. Emerging Infectious Diseases, 2017, 23, 1368-1371.	4.3	42
112	Screening for Neuraminidase Inhibitor Resistance Markers among Avian Influenza Viruses of the N4, N5, N6, and N8 Neuraminidase Subtypes. Journal of Virology, 2018, 92, .	3.4	42
113	Middle East respiratory syndrome coronavirus infection in non-camelid domestic mammals. Emerging Microbes and Infections, 2019, 8, 103-108.	6.5	42
114	Isolation and Characterization of a Distinct Influenza A Virus from Egyptian Bats. Journal of Virology, 2019, 93, .	3.4	42
115	Virulence and transmissibility of H1N2 influenza virus in ferrets imply the continuing threat of triple-reassortant swine viruses. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 15900-15905.	7.1	41
116	Avian Influenza Virus (H11N9) in Migratory Shorebirds Wintering in the Amazon Region, Brazil. PLoS ONE, 2014, 9, e110141.	2.5	41
117	Mutation tryptophan to leucine at position 222 of haemagglutinin could facilitate H3N2 influenza A virus infection in dogs. Journal of General Virology, 2013, 94, 2599-2608.	2.9	38
118	Single-dose monomeric HA subunit vaccine generates full protection from influenza challenge. Human Vaccines and Immunotherapeutics, 2014, 10, 586-595.	3.3	38
119	Middle East Respiratory Syndrome Coronavirus (MERS-CoV) in Dromedary Camels in Africa and Middle East. Viruses, 2019, 11, 717.	3.3	38
120	Surveillance for Influenza Viruses in Poultry and Swine, West Africa, 2006â€“2008. Emerging Infectious Diseases, 2012, 18, 1446-1452.	4.3	37
121	Development of a SARS-CoV-2 Vaccine Candidate Using Plant-Based Manufacturing and a Tobacco Mosaic Virus-like Nano-Particle. Vaccines, 2021, 9, 1347.	4.4	37
122	Pathogenicity and Transmissibility of North American Triple Reassortant Swine Influenza A Viruses in Ferrets. PLoS Pathogens, 2012, 8, e1002791.	4.7	36
123	The neuraminidase and matrix genes of the 2009 pandemic influenza H1N1 virus cooperate functionally to facilitate efficient replication and transmissibility in pigs. Journal of General Virology, 2012, 93, 1261-1268.	2.9	36
124	Implementing hospital-based surveillance for severe acute respiratory infections caused by influenza and other respiratory pathogens in New Zealand. Western Pacific Surveillance and Response Journal: WPSAR, 2014, 5, 23-30.	0.6	36
125	Human H7N9 and H5N1 Influenza Viruses Differ in Induction of Cytokines and Tissue Tropism. Journal of Virology, 2014, 88, 12982-12991.	3.4	36
126	Pandemic Swine H1N1 Influenza Viruses with Almost Undetectable Neuraminidase Activity Are Not Transmitted via Aerosols in Ferrets and Are Inhibited by Human Mucus but Not Swine Mucus. Journal of Virology, 2015, 89, 5935-5948.	3.4	36

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127	Replicating Single-Cycle Adenovirus Vectors Generate Amplified Influenza Vaccine Responses. Journal of Virology, 2017, 91, .	3.4	36
128	Efficacy of commercial vaccines against newly emerging avian influenza H5N8 virus in Egypt. Scientific Reports, 2018, 8, 9697.	3.3	36
129	The Continuing Evolution of H5N1 and H9N2 Influenza Viruses in Bangladesh Between 2013 and 2014. Avian Diseases, 2016, 60, 108-117.	1.0	35
130	Role of domestic ducks in the emergence of a new genotype of highly pathogenic H5N1 avian influenza A viruses in Bangladesh. Emerging Microbes and Infections, 2017, 6, 1-13.	6.5	34
131	Poly-Î³-glutamic acid/chitosan nanogel greatly enhances the efficacy and heterosubtypic cross-reactivity of H1N1 pandemic influenza vaccine. Scientific Reports, 2017, 7, 44839.	3.3	33
132	Possible Role of Songbirds and Parakeets in Transmission of Influenza A(H7N9) Virus to Humans. Emerging Infectious Diseases, 2014, 20, 380-5.	4.3	32
133	Comparison of the pathogenic potential of highly pathogenic avian influenza (HPAI) H5N6, and H5N8 viruses isolated in South Korea during the 2016â€"2017 winter season. Emerging Microbes and Infections, 2018, 7, 1-10.	6.5	32
134	Spread of Influenza Virus A (H5N1) Clade 2.3.2.1 to Bulgaria in Common Buzzards. Emerging Infectious Diseases, 2012, 18, 1596-1602.	4.3	31
135	A single dose of whole inactivated H7N9 influenza vaccine confers protection from severe disease but not infection in ferrets. Vaccine, 2014, 32, 4571-4577.	3.8	30
136	Adaptation of Pandemic H2N2 Influenza A Viruses in Humans. Journal of Virology, 2015, 89, 2442-2447.	3.4	29
137	H1N1 influenza viruses varying widely in hemagglutinin stability transmit efficiently from swine to swine and to ferrets. PLoS Pathogens, 2017, 13, e1006276.	4.7	29
138	Active surveillance and genetic evolution of avian influenza viruses in Egypt, 2016â€"2018. Emerging Microbes and Infections, 2019, 8, 1370-1382.	6.5	29
139	Diversity of Dromedary Camel Coronavirus HKU23 in African Camels Revealed Multiple Recombination Events among Closely Related Betacoronaviruses of the Subgenus Embecovirus. Journal of Virology, 2019, 93, .	3.4	29
140	Characterizing Emerging Canine H3 Influenza Viruses. PLoS Pathogens, 2020, 16, e1008409.	4.7	29
141	Southern Hemisphere Influenza and Vaccine Effectiveness Research and Surveillance. Influenza and Other Respiratory Viruses, 2015, 9, 179-190.	3.4	28
142	The replication of Bangladeshi H9N2 avian influenza viruses carrying genes from H7N3 in mammals. Emerging Microbes and Infections, 2016, 5, 1-12.	6.5	28
143	Low-Pathogenic Influenza A Viruses in North American Diving Ducks Contribute to the Emergence of a Novel Highly Pathogenic Influenza A(H7N8) Virus. Journal of Virology, 2017, 91, .	3.4	27
144	A Modular Cytokine Analysis Method Reveals Novel Associations With Clinical Phenotypes and Identifies Sets of Co-signaling Cytokines Across Influenza Natural Infection Cohorts and Healthy Controls. Frontiers in Immunology, 2019, 10, 1338.	4.8	25

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145	Molecular basis of mammalian transmissibility of avian H1N1 influenza viruses and their pandemic potential. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 11217-11222.	7.1	24
146	Evidence of infection with avian, human, and swine influenza viruses in pigs in Cairo, Egypt. Archives of Virology, 2018, 163, 359-364.	2.1	24
147	Respiratory Mucosal Proteome Quantification in Human Influenza Infections. PLoS ONE, 2016, 11, e0153674.	2.5	24
148	Genetic Evidence Supports Sporadic and Independent Introductions of Subtype H5 Low-Pathogenic Avian Influenza A Viruses from Wild Birds to Domestic Poultry in North America. Journal of Virology, 2018, 92, .	3.4	23
149	Continuing evolution of highly pathogenic H5N1 viruses in Bangladeshi live poultry markets. Emerging Microbes and Infections, 2019, 8, 650-661.	6.5	23
150	Novel avian paramyxovirus (APMV-15) isolated from a migratory bird in South America. PLoS ONE, 2017, 12, e0177214.	2.5	22
151	Correlation Between the Interval of Influenza Virus Infectivity and Results of Diagnostic Assays in a Ferret Model. Journal of Infectious Diseases, 2016, 213, 407-410.	4.0	21
152	A Y161F Hemagglutinin Substitution Increases Thermostability and Improves Yields of 2009 H1N1 Influenza A Virus in Cells. Journal of Virology, 2018, 92, .	3.4	21
153	Incidence, household transmission, and neutralizing antibody seroprevalence of Coronavirus Disease 2019 in Egypt: Results of a community-based cohort. PLoS Pathogens, 2021, 17, e1009413.	4.7	21
154	Lack of serological evidence of Middle East respiratory syndrome coronavirus infection in virus exposed camel abattoir workers in Nigeria, 2016. Eurosurveillance, 2018, 23, .	7.0	21
155	Diverse Heterologous Primary Infections Radically Alter Immunodominance Hierarchies and Clinical Outcomes Following H7N9 Influenza Challenge in Mice. PLoS Pathogens, 2015, 11, e1004642.	4.7	20
156	Re-emergence of amantadine-resistant variants among highly pathogenic avian influenza H5N1 viruses in Egypt. Infection, Genetics and Evolution, 2016, 46, 102-109.	2.3	20
157	Surveillance for avian influenza viruses in wild birds at live bird markets, Egypt, 2014â€•2016. Influenza and Other Respiratory Viruses, 2019, 13, 407-414.	3.4	20
158	Recognition of influenza H3N2 variant virus by human neutralizing antibodies. JCI Insight, 2016, 1, .	5.0	20
159	Impact of Adjuvants on the Immunogenicity and Efficacy of Split-Virion H7N9 Vaccine in Ferrets. Journal of Infectious Diseases, 2015, 212, 542-551.	4.0	19
160	Pathogenicity and transmission of a swine influenza A(H6N6) virus. Emerging Microbes and Infections, 2017, 6, 1-13.	6.5	19
161	The immune correlates of protection for an avian influenza H5N1 vaccine in the ferret model using oil-in-water adjuvants. Scientific Reports, 2017, 7, 44727.	3.3	19
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