

Richard John Webby

List of Publications by Year in descending order

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Version: 2024-02-01

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	Molecular detection of influenza A viruses and H5 subtype among migratory Amur falcons (<i>Falco</i>) in the Amur region of the Russian Far East. <i>Journal of Virology</i> , 2022, 96, e0009973.	3.0	2
2	Time-Dependent Proinflammatory Responses Shape Virus Interference during Coinfections of Influenza A Virus and Influenza D Virus. <i>Viruses</i> , 2022, 14, 224.	3.3	4
3	Distinct but connected avian influenza virus activities in wetlands and live poultry markets in Bangladesh, 2018–2019. <i>Transboundary and Emerging Diseases</i> , 2022, 69, .	3.0	2
4	Pre-existing humoral immunity to human common cold coronaviruses negatively impacts the protective SARS-CoV-2 antibody response. <i>Cell Host and Microbe</i> , 2022, 30, 83-96.e4.	11.0	64
5	Sentinel surveillance for influenza A viruses in Lahore District Pakistan in flu season 2015–2016. <i>BMC Infectious Diseases</i> , 2022, 22, 38.	2.9	2
6	SARS-CoV-2 Omicron virus causes attenuated disease in mice and hamsters. <i>Nature</i> , 2022, 603, 687-692.	27.8	475
7	Birth cohort relative to an influenza A virus’s antigenic cluster introduction drives patterns of children’s antibody titers. <i>PLoS Pathogens</i> , 2022, 18, e1010317.	4.7	3
8	Development of a Mouse Model to Explore CD4 T Cell Specificity, Phenotype, and Recruitment to the Lung after Influenza B Infection. <i>Pathogens</i> , 2022, 11, 251.	2.8	4
9	Homotypic protection against influenza in a pediatric cohort in Managua, Nicaragua. <i>Nature Communications</i> , 2022, 13, 1190.	12.8	7
10	Defining the risk of SARS-CoV-2 variants on immune protection. <i>Nature</i> , 2022, 605, 640-652.	27.8	117
11	Induction of broadly reactive influenza antibodies increases susceptibility to autoimmunity. <i>Cell Reports</i> , 2022, 38, 110482.	6.4	7
12	Avian Influenza A H9N2 Viruses in Morocco, 2018–2019. <i>Viruses</i> , 2022, 14, 529.	3.3	6
13	Genetic and Antigenic Characteristics of Highly Pathogenic Avian Influenza A(H5N8) Viruses Circulating in Domestic Poultry in Egypt, 2017–2021. <i>Microorganisms</i> , 2022, 10, 595.	3.6	13
14	Swine H1N1 Influenza Virus Variants with Enhanced Polymerase Activity and HA Stability Promote Airborne Transmission in Ferrets. <i>Journal of Virology</i> , 2022, 96, e0010022.	3.4	8
15	In Vitro and In Vivo Antiviral Studies of New Heteroannulated 1,2,3-Triazole Glycosides Targeting the Neuraminidase of Influenza A Viruses. <i>Pharmaceuticals</i> , 2022, 15, 351.	3.8	10
16	Pleiotropic Effects of Influenza H1, H3, and B Baloxavir-Resistant Substitutions on Replication, Sensitivity to Baloxavir, and Interferon Expression. <i>Antimicrobial Agents and Chemotherapy</i> , 2022, , e0000922.	3.2	4
17	Global update on the susceptibilities of human influenza viruses to neuraminidase inhibitors and the cap-dependent endonuclease inhibitor baloxavir, 2018–2020. <i>Antiviral Research</i> , 2022, 200, 105281.	4.1	44
18	Host diversity and behavior determine patterns of interspecies transmission and geographic diffusion of avian influenza A subtypes among North American wild reservoir species. <i>PLoS Pathogens</i> , 2022, 18, e1009973.	4.7	9

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19	An adaptive, asymptomatic SARS-CoV-2 workforce screening program providing real-time, actionable monitoring of the COVID-19 pandemic. <i>PLoS ONE</i> , 2022, 17, e0268237.	2.5	3
20	ZBP1-dependent inflammatory cell death, PANoptosis, and cytokine storm disrupt IFN therapeutic efficacy during coronavirus infection. <i>Science Immunology</i> , 2022, 7, eabo6294.	11.9	82
21	A nucleic acid amplification test-based strategy does not help inform return to work for healthcare workers with COVID-19. <i>Influenza and Other Respiratory Viruses</i> , 2022, 16, 851-853.	3.4	1
22	Severe acute respiratory syndrome coronavirus 2 and influenza A virus co-infection alters viral tropism and haematological composition in Syrian hamsters. <i>Transboundary and Emerging Diseases</i> , 2022, 69, .	3.0	7
23	Induced humoral immunity of different types of vaccines against most common variants of SARS-CoV-2 in Egypt prior to Omicron outbreak. <i>Vaccine</i> , 2022, 40, 4303-4306.	3.8	2
24	An epitope-optimized human H3N2 influenza vaccine induces broadly protective immunity in mice and ferrets. <i>Npj Vaccines</i> , 2022, 7, .	6.0	6
25	Expanding Mouse-Adapted Yamagata-like Influenza B Viruses in Eggs Enhances In Vivo Lethality in BALB/c Mice. <i>Viruses</i> , 2022, 14, 1299.	3.3	2
26	Insights into Genetic Characteristics and Virological Features of Endemic Avian Influenza A (H9N2) Viruses in Egypt from 2017-2021. <i>Viruses</i> , 2022, 14, 1484.	3.3	4
27	H5 Influenza Viruses in Egypt. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2021, 11, a038745.	6.2	15
28	Synergism of TNF- α and IFN- γ Triggers Inflammatory Cell Death, Tissue Damage, and Mortality in SARS-CoV-2 Infection and Cytokine Shock Syndromes. <i>Cell</i> , 2021, 184, 149-168.e17.	28.9	923
29	Human post-infection serological response to the spike and nucleocapsid proteins of SARS-CoV-2. <i>Influenza and Other Respiratory Viruses</i> , 2021, 15, 7-12.	3.4	4
30	Tropism of SARS-CoV-2, SARS-CoV, and Influenza Virus in Canine Tissue Explants. <i>Journal of Infectious Diseases</i> , 2021, 224, 821-830.	4.0	5
31	Pathogenic assessment of avian influenza viruses in migratory birds. <i>Emerging Microbes and Infections</i> , 2021, 10, 565-577.	6.5	7
32	Antigenic and molecular characterization of low pathogenic avian influenza A(H9N2) viruses in sub-Saharan Africa from 2017 through 2019. <i>Emerging Microbes and Infections</i> , 2021, 10, 753-761.	6.5	10
33	Epigraph hemagglutinin vaccine induces broad cross-reactive immunity against swine H3 influenza virus. <i>Nature Communications</i> , 2021, 12, 1203.	12.8	14
34	Impact of the COVID-19 nonpharmaceutical interventions on influenza and other respiratory viral infections in New Zealand. <i>Nature Communications</i> , 2021, 12, 1001.	12.8	268
35	Incidence, household transmission, and neutralizing antibody seroprevalence of Coronavirus Disease 2019 in Egypt: Results of a community-based cohort. <i>PLoS Pathogens</i> , 2021, 17, e1009413.	4.7	21
36	Molecular Characterization of Closely Related H6N2 Avian Influenza Viruses Isolated from Turkey, Egypt, and Uganda. <i>Viruses</i> , 2021, 13, 607.	3.3	4

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37	Activated CD4+ T cells and CD14hiCD16+ monocytes correlate with antibody response following influenza virus infection in humans. <i>Cell Reports Medicine</i> , 2021, 2, 100237.	6.5	4
38	The evolution and future of influenza pandemic preparedness. <i>Experimental and Molecular Medicine</i> , 2021, 53, 737-749.	7.7	88
39	Interplay between H1N1 influenza A virus infection, extracellular and intracellular respiratory tract pH, and host responses in a mouse model. <i>PLoS ONE</i> , 2021, 16, e0251473.	2.5	3
40	Reinfection with two genetically distinct SARS-CoV-2 viruses within 19 days. <i>Journal of Medical Virology</i> , 2021, 93, 5700-5703.	5.0	12
41	Baloxavir Treatment Delays Influenza B Virus Transmission in Ferrets and Results in Limited Generation of Drug-Resistant Variants. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, e0113721.	3.2	5
42	Infection and Vaccine-Induced Neutralizing-Antibody Responses to the SARS-CoV-2 B.1.617 Variants. <i>New England Journal of Medicine</i> , 2021, 385, 664-666.	27.0	297
43	Cross-reactive Antibody Response to mRNA SARS-CoV-2 Vaccine After Recent COVID-19-Specific Monoclonal Antibody Therapy. <i>Open Forum Infectious Diseases</i> , 2021, 8, ofab420.	0.9	12
44	A vaccine-induced public antibody protects against SARS-CoV-2 and emerging variants. <i>Immunity</i> , 2021, 54, 2159-2166.e6.	14.3	52
45	Serological Surveillance of Influenza D Virus in Ruminants and Swine in West and East Africa, 2017-2020. <i>Viruses</i> , 2021, 13, 1749.	3.3	11
46	Coding-Complete Genome Sequence of Swine Influenza Virus Isolate A/Swine/Karaganda/04/2020 (H1N1) from Kazakhstan. <i>Microbiology Resource Announcements</i> , 2021, 10, e0078621.	0.6	2
47	Effect of processed aloe vera gel on immunogenicity in inactivated quadrivalent influenza vaccine and upper respiratory tract infection in healthy adults: A randomized double-blind placebo-controlled trial. <i>Phytomedicine</i> , 2021, 91, 153668.	5.3	2
48	Risk Assessment for Highly Pathogenic Avian Influenza A(H5N6/H5N8) Clade 2.3.4.4 Viruses. <i>Emerging Infectious Diseases</i> , 2021, 27, 2619-2627.	4.3	12
49	Month of Influenza Virus Vaccination Influences Antibody Responses in Children and Adults. <i>Vaccines</i> , 2021, 9, 68.	4.4	4
50	Multiple polymerase acidic (PA) I38X substitutions in influenza A(H1N1)pdm09 virus permit polymerase activity and cause reduced baloxavir inhibition. <i>Journal of Antimicrobial Chemotherapy</i> , 2021, 76, 957-960.	3.0	8
51	Ancestral sequence reconstruction pinpoints adaptations that enable avian influenza virus transmission in pigs. <i>Nature Microbiology</i> , 2021, 6, 1455-1465.	13.3	7
52	Risk Factors of Influenza-Associated Respiratory Illnesses Reported to a Sentinel Hospital of Lahore, Pakistan: 2015-2016. <i>Canadian Journal of Infectious Diseases and Medical Microbiology</i> , 2021, 2021, 1-8.	1.9	1
53	Development of a SARS-CoV-2 Vaccine Candidate Using Plant-Based Manufacturing and a Tobacco Mosaic Virus-like Nano-Particle. <i>Vaccines</i> , 2021, 9, 1347.	4.4	37
54	Detection of a Novel Reassortant H9N9 Avian Influenza Virus in Free-Range Ducks in Bangladesh. <i>Viruses</i> , 2021, 13, 2357.	3.3	2

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55	Biosafety risk assessment for production of candidate vaccine viruses to protect humans from zoonotic highly pathogenic avian influenza viruses. <i>Influenza and Other Respiratory Viruses</i> , 2020, 14, 215-225.	3.4	5
56	Influenza B viruses from different genetic backgrounds are variably impaired by neuraminidase inhibitor resistance-associated substitutions. <i>Antiviral Research</i> , 2020, 173, 104669.	4.1	4
57	Transmission experiments support clade-level differences in the transmission and pathogenicity of Cambodian influenza A/H5N1 viruses. <i>Emerging Microbes and Infections</i> , 2020, 9, 1702-1711.	6.5	5
58	Antibody Responses to SARS-CoV-2 Antigens in Humans and Animals. <i>Vaccines</i> , 2020, 8, 684.	4.4	11
59	Prevalence and Distribution of Avian Influenza Viruses in Domestic Ducks at the Waterfowl-Chicken Interface in Wetlands. <i>Pathogens</i> , 2020, 9, 953.	2.8	10
60	Impaired NLRP3 inflammasome activation/pyroptosis leads to robust inflammatory cell death via caspase-8/RIPK3 during coronavirus infection. <i>Journal of Biological Chemistry</i> , 2020, 295, 14040-14052.	3.4	144
61	Influenza A Viruses in Ruddy Turnstones (<i>Arenaria interpres</i>); Connecting Wintering and Migratory Sites with an Ecological Hotspot at Delaware Bay. <i>Viruses</i> , 2020, 12, 1205.	3.3	6
62	Exuberant fibroblast activity compromises lung function via ADAMTS4. <i>Nature</i> , 2020, 587, 466-471.	27.8	108
63	<i>In Vitro</i> Profiling of Laninamivir-Resistant Substitutions in N3 to N9 Avian Influenza Virus Neuraminidase Subtypes and Their Association with <i>In Vivo</i> Susceptibility. <i>Journal of Virology</i> , 2020, 95, .	3.4	3
64	Monoclonal Antibody Therapy Protects Pharmacologically Immunosuppressed Mice from Lethal Infection with Influenza B Virus. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	3.2	3
65	Continued Evolution of H5Nx Avian Influenza Viruses in Bangladeshi Live Poultry Markets: Pathogenic Potential in Poultry and Mammalian Models. <i>Journal of Virology</i> , 2020, 94, .	3.4	6
66	Incidence and Seroprevalence of Avian Influenza in a Cohort of Backyard Poultry Growers, Egypt, August 2015–March 2019. <i>Emerging Infectious Diseases</i> , 2020, 26, 2129-2136.	4.3	19
67	New Diagnostic Assays for Differential Diagnosis Between the Two Distinct Lineages of Bovine Influenza D Viruses and Human Influenza C Viruses. <i>Frontiers in Veterinary Science</i> , 2020, 7, 605704.	2.2	1
68	Pandemic potential of highly pathogenic avian influenza clade 2.3.4.4 A(H5) viruses. <i>Reviews in Medical Virology</i> , 2020, 30, e2099.	8.3	70
69	Influenza A and B viruses with reduced baloxavir susceptibility display attenuated in vitro fitness but retain ferret transmissibility. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 8593-8601.	7.1	43
70	Infection and Rapid Transmission of SARS-CoV-2 in Ferrets. <i>Cell Host and Microbe</i> , 2020, 27, 704-709.e2.	11.0	815
71	Limited Cross-Protection Provided by Prior Infection Contributes to High Prevalence of Influenza D Viruses in Cattle. <i>Journal of Virology</i> , 2020, 94, .	3.4	8
72	Histone Deacetylase 6 Knockout Mice Exhibit Higher Susceptibility to Influenza A Virus Infection. <i>Viruses</i> , 2020, 12, 728.	3.3	10

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73	Avian influenza at animal–human interface: One–health challenge in live poultry retail stalls of Chakwal, Pakistan. <i>Influenza and Other Respiratory Viruses</i> , 2020, 14, 257-265.	3.4	9
74	Characterizing Emerging Canine H3 Influenza Viruses. <i>PLoS Pathogens</i> , 2020, 16, e1008409.	4.7	29
75	Common childhood vaccines do not elicit a cross-reactive antibody response against SARS-CoV-2. <i>PLoS ONE</i> , 2020, 15, e0241471.	2.5	11
76	Risk Mapping of Influenza D Virus Occurrence in Ruminants and Swine in Togo Using a Spatial Multicriteria Decision Analysis Approach. <i>Viruses</i> , 2020, 12, 128.	3.3	16
77	HA stabilization promotes replication and transmission of swine H1N1 gamma influenza viruses in ferrets. <i>ELife</i> , 2020, 9, .	6.0	19
78	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. <i>Journal of Infectious Diseases</i> , 2019, 219, 347-357.	4.0	43
79	Middle East Respiratory Syndrome Coronavirus (MERS-CoV) in Dromedary Camels in Africa and Middle East. <i>Viruses</i> , 2019, 11, 717.	3.3	38
80	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. <i>Frontiers in Immunology</i> , 2019, 10, 1338.	4.8	25
81	A(H9N2) influenza viruses associated with chicken mortality in outbreaks in Algeria 2017. <i>Influenza and Other Respiratory Viruses</i> , 2019, 13, 622-626.	3.4	15
82	Active surveillance and genetic evolution of avian influenza viruses in Egypt, 2016–2018. <i>Emerging Microbes and Infections</i> , 2019, 8, 1370-1382.	6.5	29
83	Baseline Serum Vitamin A and D Levels Determine Benefit of Oral Vitamin A&D Supplements to Humoral Immune Responses Following Pediatric Influenza Vaccination. <i>Viruses</i> , 2019, 11, 907.	3.3	69
84	Evidence of the Presence of Low Pathogenic Avian Influenza A Viruses in Wild Waterfowl in 2018 in South Africa. <i>Pathogens</i> , 2019, 8, 163.	2.8	8
85	Diversity of Dromedary Camel Coronavirus HKU23 in African Camels Revealed Multiple Recombination Events among Closely Related Betacoronaviruses of the Subgenus Embecovirus. <i>Journal of Virology</i> , 2019, 93, .	3.4	29
86	Optimizing T-705 (favipiravir) treatment of severe influenza B virus infection in the immunocompromised mouse model. <i>Journal of Antimicrobial Chemotherapy</i> , 2019, 74, 1333-1341.	3.0	6
87	Surveillance for avian influenza viruses in wild birds at live bird markets, Egypt, 2014–2016. <i>Influenza and Other Respiratory Viruses</i> , 2019, 13, 407-414.	3.4	20
88	Continuing evolution of highly pathogenic H5N1 viruses in Bangladeshi live poultry markets. <i>Emerging Microbes and Infections</i> , 2019, 8, 650-661.	6.5	23
89	Middle East respiratory syndrome coronavirus infection in non-camelid domestic mammals. <i>Emerging Microbes and Infections</i> , 2019, 8, 103-108.	6.5	42
90	A Novel Neuraminidase-Dependent Hemagglutinin Cleavage Mechanism Enables the Systemic Spread of an H7N6 Avian Influenza Virus. <i>MBio</i> , 2019, 10, .	4.1	10

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91	Influenza H1 Mosaic Hemagglutinin Vaccine Induces Broad Immunity and Protection in Mice. <i>Vaccines</i> , 2019, 7, 195.	4.4	8
92	Evolution of H5-Type Avian Influenza A Virus Towards Mammalian Tropism in Egypt, 2014 to 2015. <i>Pathogens</i> , 2019, 8, 224.	2.8	2
93	A Recombinant Influenza A/H1N1 Carrying A Short Immunogenic Peptide of MERS-CoV as Bivalent Vaccine in BALB/c Mice. <i>Pathogens</i> , 2019, 8, 281.	2.8	4
94	Safety and immunogenicity of influenza A(H5N1) vaccine stored up to twelve years in the National Pre-Pandemic Influenza Vaccine Stockpile (NPIVS). <i>Vaccine</i> , 2019, 37, 435-443.	3.8	12
95	Isolation and Characterization of a Distinct Influenza A Virus from Egyptian Bats. <i>Journal of Virology</i> , 2019, 93, .	3.4	42
96	MERS coronaviruses from camels in Africa exhibit region-dependent genetic diversity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 3144-3149.	7.1	142
97	Identification of the I38T PA Substitution as a Resistance Marker for Next-Generation Influenza Virus Endonuclease Inhibitors. <i>MBio</i> , 2018, 9, .	4.1	53
98	Replication and pathogenic potential of influenza A virus subtypes H3, H7, and H15 from free-range ducks in Bangladesh in mammals. <i>Emerging Microbes and Infections</i> , 2018, 7, 1-13.	6.5	13
99	Severe Influenza Is Characterized by Prolonged Immune Activation: Results From the SHIVERS Cohort Study. <i>Journal of Infectious Diseases</i> , 2018, 217, 245-256.	4.0	44
100	Virological and pathological characterization of an avian H1N1 influenza A virus. <i>Archives of Virology</i> , 2018, 163, 1153-1162.	2.1	6
101	Influenza Virus: Dealing with a Drifting and Shifting Pathogen. <i>Viral Immunology</i> , 2018, 31, 174-183.	1.3	232
102	Comparison of the pathogenic potential of highly pathogenic avian influenza (HPAI) H5N6, and H5N8 viruses isolated in South Korea during the 2016-2017 winter season. <i>Emerging Microbes and Infections</i> , 2018, 7, 1-10.	6.5	32
103	Screening for Neuraminidase Inhibitor Resistance Markers among Avian Influenza Viruses of the N4, N5, N6, and N8 Neuraminidase Subtypes. <i>Journal of Virology</i> , 2018, 92, .	3.4	42
104	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.	4.0	15
105	Evidence of infection with avian, human, and swine influenza viruses in pigs in Cairo, Egypt. <i>Archives of Virology</i> , 2018, 163, 359-364.	2.1	24
106	A Y161F Hemagglutinin Substitution Increases Thermostability and Improves Yields of 2009 H1N1 Influenza A Virus in Cells. <i>Journal of Virology</i> , 2018, 92, .	3.4	21
107	Migratory birds in southern Brazil are a source of multiple avian influenza virus subtypes. <i>Influenza and Other Respiratory Viruses</i> , 2018, 12, 220-231.	3.4	17
108	Atypical antibody responses to influenza. <i>Journal of Thoracic Disease</i> , 2018, 10, S2238-S2247.	1.4	7

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109	Protein Microarray Analysis of the Specificity and Cross-Reactivity of Influenza Virus Hemagglutinin-Specific Antibodies. <i>MSphere</i> , 2018, 3, .	2.9	45
110	H13 influenza viruses in wild birds have undergone genetic and antigenic diversification in nature. <i>Virus Genes</i> , 2018, 54, 543-549.	1.6	5
111	Efficacy of commercial vaccines against newly emerging avian influenza H5N8 virus in Egypt. <i>Scientific Reports</i> , 2018, 8, 9697.	3.3	36
112	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. <i>Journal of Virology</i> , 2018, 92, .	3.4	23
113	H9N2 influenza viruses from Bangladesh: Transmission in chicken and New World quail. <i>Influenza and Other Respiratory Viruses</i> , 2018, 12, 814-817.	3.4	14
114	Genetic characterization and pathogenic potential of H10 avian influenza viruses isolated from live poultry markets in Bangladesh. <i>Scientific Reports</i> , 2018, 8, 10693.	3.3	10
115	Influenza D Virus Infection in Feral Swine Populations, United States. <i>Emerging Infectious Diseases</i> , 2018, 24, 1020-1028.	4.3	48
116	An I436N substitution confers resistance of influenza A(H1N1)pdm09 viruses to multiple neuraminidase inhibitors without affecting viral fitness. <i>Journal of General Virology</i> , 2018, 99, 292-302.	2.9	11
117	Neuraminidase inhibitor susceptibility and neuraminidase enzyme kinetics of human influenza A and B viruses circulating in Thailand in 2010â€“2015. <i>PLoS ONE</i> , 2018, 13, e0190877.	2.5	7
118	Lack of serological evidence of Middle East respiratory syndrome coronavirus infection in virus exposed camel abattoir workers in Nigeria, 2016. <i>Eurosurveillance</i> , 2018, 23, .	7.0	21
119	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. <i>Vaccine</i> , 2017, 35, 1104-1109.	3.8	44
120	Low-Pathogenic Influenza A Viruses in North American Diving Ducks Contribute to the Emergence of a Novel Highly Pathogenic Influenza A(H7N8) Virus. <i>Journal of Virology</i> , 2017, 91, .	3.4	27
121	Rapid acquisition of polymorphic virulence markers during adaptation of highly pathogenic avian influenza H5N8 virus in the mouse. <i>Scientific Reports</i> , 2017, 7, 40667.	3.3	13
122	Insight into live bird markets of Bangladesh: an overview of the dynamics of transmission of H5N1 and H9N2 avian influenza viruses. <i>Emerging Microbes and Infections</i> , 2017, 6, 1-8.	6.5	68
123	H5 influenza, a global update. <i>Journal of Microbiology</i> , 2017, 55, 196-203.	2.8	74
124	Manipulation of neuraminidase packaging signals and hemagglutinin residues improves the growth of A/Anhui/1/2013 (H7N9) influenza vaccine virus yield in eggs. <i>Vaccine</i> , 2017, 35, 1424-1430.	3.8	14
125	Vascular Permeability Drives Susceptibility to Influenza Infection in a Murine Model of Sickle Cell Disease. <i>Scientific Reports</i> , 2017, 7, 43308.	3.3	7
126	Evaluation of multivalent H2 influenza pandemic vaccines in mice. <i>Vaccine</i> , 2017, 35, 1455-1463.	3.8	6

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127	Poly- β -glutamic acid/chitosan nanogel greatly enhances the efficacy and heterosubtypic cross-reactivity of H1N1 pandemic influenza vaccine. <i>Scientific Reports</i> , 2017, 7, 44839.	3.3	33
128	Pathogenicity and transmission of a swine influenza A(H6N6) virus. <i>Emerging Microbes and Infections</i> , 2017, 6, 1-13.	6.5	19
129	The changing landscape of A H7N9 influenza virus infections in China. <i>Lancet Infectious Diseases</i> , The, 2017, 17, 783-784.	9.1	18
130	The immune correlates of protection for an avian influenza H5N1 vaccine in the ferret model using oil-in-water adjuvants. <i>Scientific Reports</i> , 2017, 7, 44727.	3.3	19
131	Systematic, active surveillance for Middle East respiratory syndrome coronavirus in camels in Egypt. <i>Emerging Microbes and Infections</i> , 2017, 6, 1-7.	6.5	55
132	Molecular basis of mammalian transmissibility of avian H1N1 influenza viruses and their pandemic potential. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 11217-11222.	7.1	24
133	Absence of clinical disease and contact transmission of HPAI H5NX clade 2.3.4.4 from North America in experimentally infected pigs. <i>Influenza and Other Respiratory Viruses</i> , 2017, 11, 464-470.	3.4	14
134	Lineage-specific epitope profiles for HPAI H5 pre-pandemic vaccine selection and evaluation. <i>Influenza and Other Respiratory Viruses</i> , 2017, 11, 445-456.	3.4	7
135	H5N1 influenza vaccine induces a less robust neutralizing antibody response than seasonal trivalent and H7N9 influenza vaccines. <i>Npj Vaccines</i> , 2017, 2, 16.	6.0	12
136	Zoonotic Risk, Pathogenesis, and Transmission of Avian-Origin H3N2 Canine Influenza Virus. <i>Journal of Virology</i> , 2017, 91, .	3.4	15
137	Role of domestic ducks in the emergence of a new genotype of highly pathogenic H5N1 avian influenza A viruses in Bangladesh. <i>Emerging Microbes and Infections</i> , 2017, 6, 1-13.	6.5	34
138	Pathogenicity and peramivir efficacy in immunocompromised murine models of influenza B virus infection. <i>Scientific Reports</i> , 2017, 7, 7345.	3.3	13
139	Protein-Structure Assisted Optimization of 4,5-Dihydropyrimidine-6-Carboxamide Inhibitors of Influenza Virus Endonuclease. <i>Scientific Reports</i> , 2017, 7, 17139.	3.3	14
140	A pharmacologically immunosuppressed mouse model for assessing influenza B virus pathogenicity and oseltamivir treatment. <i>Antiviral Research</i> , 2017, 148, 20-31.	4.1	13
141	Longitudinal study of Middle East Respiratory Syndrome coronavirus infection in dromedary camel herds in Saudi Arabia, 2014-2015. <i>Emerging Microbes and Infections</i> , 2017, 6, 1-7.	6.5	59
142	Replicating Single-Cycle Adenovirus Vectors Generate Amplified Influenza Vaccine Responses. <i>Journal of Virology</i> , 2017, 91, .	3.4	36
143	An Amino Acid in the Stalk Domain of N1 Neuraminidase Is Critical for Enzymatic Activity. <i>Journal of Virology</i> , 2017, 91, .	3.4	18
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