Richard John Webby

List of Publications by Year
in descending order

289 papers	17,240 citations	16450 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) Tj ETQq1 1 0.784314 rgBT /Ove	3.0	3
2	Time-Dependent Proinflammatory Responses Shape Virus Interference during Coinfections of Influenza A Virus and Influenza D Virus. Viruses, 2022, 14, 224.	3.3	4
3	Distinct but connected avian influenza virus activities in wetlands and live poultry markets in Bangladesh, 2018â€“2019. Transboundary and Emerging Diseases, 2022, 69, .	3.0	2
4	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
5	Sentinel surveillance for influenza A viruses in Lahore District Pakistan in flu season 2015â€“2016. BMC Infectious Diseases, 2022, 22, 38.	2.9	2
6	SARS-CoV-2 Omicron virus causes attenuated disease in mice and hamsters. Nature, 2022, 603, 687-692.	27.8	475
7	Birth cohort relative to an influenza A virusâ€™s antigenic cluster introduction drives patterns of childrenâ€™s antibody titers. PLoS Pathogens, 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. Pathogens, 2022, 11, 251.	2.8	4
9	Homotypic protection against influenza in a pediatric cohort in Managua, Nicaragua. Nature Communications, 2022, 13, 1190.	12.8	7
10	Defining the risk of SARS-CoV-2 variants on immune protection. Nature, 2022, 605, 640-652.	27.8	117
11	Induction of broadly reactive influenza antibodies increases susceptibility to autoimmunity. Cell Reports, 2022, 38, 110482.	6.4	7
12	Avian Influenza a H9N2 Viruses in Morocco, 2018â€“2019. Viruses, 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, 2017â€“2021. Microorganisms, 2022, 10, 595.	3.6	13
14	Swine H1N1 Influenza Virus Variants with Enhanced Polymerase Activity and HA Stability Promote Airborne Transmission in Ferrets. Journal of Virology, 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. Pharmaceuticals, 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. Antimicrobial Agents and Chemotherapy, 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, 2018â€“2020. Antiviral Research, 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. PLoS Pathogens, 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. PLoS ONE, 2022, 17, e0268237.	2.5	3
20	ZBP1-dependent inflammatory cell death, PANoptosis, and cytokine storm disrupt IFN therapeutic efficacy during coronavirus infection. Science Immunology, 2022, 7, eabo6294.	11.9	82
21	A nucleic acid amplification testâ€based strategy does not help inform return to work for healthcare workers with COVIDâ€19. Influenza and Other Respiratory Viruses, 2022, 16, 851-853.	3.4	1
22	Severe acute respiratory syndrome coronavirus 2 and influenza A virus coâ€infection alters viral tropism and haematological composition in Syrian hamsters. Transboundary and Emerging Diseases, 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. Vaccine, 2022, 40, 4303-4306.	3.8	2
24	An epitope-optimized human H3N2 influenza vaccine induces broadly protective immunity in mice and ferrets. Npj Vaccines, 2022, 7, .	6.0	6
25	Expanding Mouse-Adapted Yamagata-like Influenza B Viruses in Eggs Enhances In Vivo Lethality in BALB/c Mice. Viruses, 2022, 14, 1299.	3.3	2
26	Insights into Genetic Characteristics and Virological Features of Endemic Avian Influenza A (H9N2) Viruses in Egypt from 2017â€“2021. Viruses, 2022, 14, 1484.	3.3	4
27	H5 Influenza Viruses in Egypt. Cold Spring Harbor Perspectives in Medicine, 2021, 11, a038745.	6.2	15
28	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
29	Human postâ€infection serological response to the spike and nucleocapsid proteins of SARSâ€CoVâ€2. Influenza and Other Respiratory Viruses, 2021, 15, 7-12.	3.4	4
30	Tropism of SARS-CoV-2, SARS-CoV, and Influenza Virus in Canine Tissue Explants. Journal of Infectious Diseases, 2021, 224, 821-830.	4.0	5
31	Pathogenic assessment of avian influenza viruses in migratory birds. Emerging Microbes and Infections, 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. Emerging Microbes and Infections, 2021, 10, 753-761.	6.5	10
33	Epigraph hemagglutinin vaccine induces broad cross-reactive immunity against swine H3 influenza virus. Nature Communications, 2021, 12, 1203.	12.8	14
34	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
35	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
36	Molecular Characterization of Closely Related H6N2 Avian Influenza Viruses Isolated from Turkey, Egypt, and Uganda. Viruses, 2021, 13, 607.	3.3	4

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37	Activated CD4+ TÂcells and CD14hiCD16+ monocytes correlate with antibody response following influenza virus infection in humans. Cell Reports Medicine, 2021, 2, 100237.	6.5	4
38	The evolution and future of influenza pandemic preparedness. Experimental and Molecular Medicine, 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. PLoS ONE, 2021, 16, e0251473.	2.5	3
40	Reinfection with two genetically distinct SARSâ€CoVâ€2 viruses within 19 days. Journal of Medical Virology, 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. Antimicrobial Agents and Chemotherapy, 2021, 65, e0113721.	3.2	5
42	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
43	Cross-reactive Antibody Response to mRNA SARS-CoV-2 Vaccine After Recent COVID-19-Specific Monoclonal Antibody Therapy. Open Forum Infectious Diseases, 2021, 8, ofab420.	0.9	12
44	A vaccine-induced public antibody protects against SARS-CoV-2 and emerging variants. Immunity, 2021, 54, 2159-2166.e6.	14.3	52
45	Serological Surveillance of Influenza D Virus in Ruminants and Swine in West and East Africa, 2017â€“2020. Viruses, 2021, 13, 1749.	3.3	11
46	Coding-Complete Genome Sequence of Swine Influenza Virus Isolate A/Swine/Karaganda/04/2020 (H1N1) from Kazakhstan. Microbiology Resource Announcements, 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. Phytomedicine, 2021, 91, 153668.	5.3	2
48	Risk Assessment for Highly Pathogenic Avian Influenza A(H5N6/H5N8) Clade 2.3.4.4 Viruses. Emerging Infectious Diseases, 2021, 27, 2619-2627.	4.3	12
49	Month of Influenza Virus Vaccination Influences Antibody Responses in Children and Adults. Vaccines, 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. Journal of Antimicrobial Chemotherapy, 2021, 76, 957-960.	3.0	8
51	Ancestral sequence reconstruction pinpoints adaptations that enable avian influenza virus transmission in pigs. Nature Microbiology, 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. Canadian Journal of Infectious Diseases and Medical Microbiology, 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. Vaccines, 2021, 9, 1347.	4.4	37
54	Detection of a Novel Reassortant H9N9 Avian Influenza Virus in Free-Range Ducks in Bangladesh. Viruses, 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. Influenza and Other Respiratory Viruses, 2020, 14, 215-225.	3.4	5
56	Influenza B viruses from different genetic backgrounds are variably impaired by neuraminidase inhibitor resistanceâ€“associated substitutions. Antiviral Research, 2020, 173, 104669.	4.1	4
57	Transmission experiments support clade-level differences in the transmission and pathogenicity of Cambodian influenza A/H5N1 viruses. Emerging Microbes and Infections, 2020, 9, 1702-1711.	6.5	5
58	Antibody Responses to SARS-CoV-2 Antigens in Humans and Animals. Vaccines, 2020, 8, 684.	4.4	11
59	Prevalence and Distribution of Avian Influenza Viruses in Domestic Ducks at the Waterfowl-Chicken Interface in Wetlands. Pathogens, 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. Journal of Biological Chemistry, 2020, 295, 14040-14052.	3.4	144
61	Influenza A Viruses in Ruddy Turnstones (Arenaria interpres); Connecting Wintering and Migratory Sites with an Ecological Hotspot at Delaware Bay. Viruses, 2020, 12, 1205.	3.3	6
62	Exuberant fibroblast activity compromises lung function via ADAMTS4. Nature, 2020, 587, 466-471.	27.8	108
63	In Vitro Profiling of Laninamivir-Resistant Substitutions in N3 to N9 Avian Influenza Virus Neuraminidase Subtypes and Their Association with In Vivo Susceptibility. Journal of Virology, 2020, 95, .	3.4	3
64	Monoclonal Antibody Therapy Protects Pharmacologically Immunosuppressed Mice from Lethal Infection with Influenza B Virus. Antimicrobial Agents and Chemotherapy, 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. Journal of Virology, 2020, 94, .	3.4	6
66	Incidence and Seroprevalence of Avian Influenza in a Cohort of Backyard Poultry Growers, Egypt, August 2015â€“March 2019. Emerging Infectious Diseases, 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. Frontiers in Veterinary Science, 2020, 7, 605704.	2.2	1
68	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
69	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
70	Infection and Rapid Transmission of SARS-CoV-2 in Ferrets. Cell Host and Microbe, 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. Journal of Virology, 2020, 94, .	3.4	8
72	Histone Deacetylase 6 Knockout Mice Exhibit Higher Susceptibility to Influenza A Virus Infection. Viruses, 2020, 12, 728.	3.3	10

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73	Avian influenza at animalâ€human interface: Oneâ€health challenge in live poultry retail stalls of Chakwal, Pakistan. Influenza and Other Respiratory Viruses, 2020, 14, 257-265.	3.4	9
74	Characterizing Emerging Canine H3 Influenza Viruses. PLoS Pathogens, 2020, 16, e1008409.	4.7	29
75	Common childhood vaccines do not elicit a cross-reactive antibody response against SARS-CoV-2. PLoS ONE, 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. Viruses, 2020, 12, 128.	3.3	16
77	HA stabilization promotes replication and transmission of swine H1N1 gamma influenza viruses in ferrets. ELife, 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. Journal of Infectious Diseases, 2019, 219, 347-357.	4.0	43
79	Middle East Respiratory Syndrome Coronavirus (MERS-CoV) in Dromedary Camels in Africa and Middle East. Viruses, 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. Frontiers in Immunology, 2019, 10, 1338.	4.8	25
81	A(H9N2) influenza viruses associated with chicken mortality in outbreaks in Algeria 2017. Influenza and Other Respiratory Viruses, 2019, 13, 622-626.	3.4	15
82	Active surveillance and genetic evolution of avian influenza viruses in Egypt, 2016â€“2018. Emerging Microbes and Infections, 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. Viruses, 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. Pathogens, 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. Journal of Virology, 2019, 93, .	3.4	29
86	Optimizing T-705 (favipiravir) treatment of severe influenza B virus infection in the immunocompromised mouse model. Journal of Antimicrobial Chemotherapy, 2019, 74, 1333-1341.	3.0	6
87	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
88	Continuing evolution of highly pathogenic H5N1 viruses in Bangladeshi live poultry markets. Emerging Microbes and Infections, 2019, 8, 650-661.	6.5	23
89	Middle East respiratory syndrome coronavirus infection in non-camelid domestic mammals. Emerging Microbes and Infections, 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. MBio, 2019, 10, .	4.1	10

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91	Influenza H1 Mosaic Hemagglutinin Vaccine Induces Broad Immunity and Protection in Mice. Vaccines, 2019, 7, 195.	4.4	8
92	Evolution of H5-Type Avian Influenza A Virus Towards Mammalian Tropism in Egypt, 2014 to 2015. Pathogens, 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. Pathogens, 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). Vaccine, 2019, 37, 435-443.	3.8	12
95	Isolation and Characterization of a Distinct Influenza A Virus from Egyptian Bats. Journal of Virology, 2019, 93, .	3.4	42
96	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
97	Identification of the I38T PA Substitution as a Resistance Marker for Next-Generation Influenza Virus Endonuclease Inhibitors. MBio, 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. Emerging Microbes and Infections, 2018, 7, 1-13.	6.5	13
99	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
100	Virological and pathological characterization of an avian H1N1 influenza A virus. Archives of Virology, 2018, 163, 1153-1162.	2.1	6
101	Influenza Virus: Dealing with a Drifting and Shifting Pathogen. Viral Immunology, 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 2016â€“2017 winter season. Emerging Microbes and Infections, 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. Journal of Virology, 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. Journal of Infectious Diseases, 2018, 217, 438-442.	4.0	15
105	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
106	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
107	Migratory birds in southern Brazil are a source of multiple avian influenza virus subtypes. Influenza and Other Respiratory Viruses, 2018, 12, 220-231.	3.4	17
108	Atypical antibody responses to influenza. Journal of Thoracic Disease, 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. MSphere, 2018, 3, .	2.9	45
110	H13 influenza viruses in wild birds have undergone genetic and antigenic diversification in nature. Virus Genes, 2018, 54, 543-549.	1.6	5
111	Efficacy of commercial vaccines against newly emerging avian influenza H5N8 virus in Egypt. Scientific Reports, 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. Journal of Virology, 2018, 92, .	3.4	23
113	H9N2 influenza viruses from Bangladesh: Transmission in chicken and New World quail. Influenza and Other Respiratory Viruses, 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. Scientific Reports, 2018, 8, 10693.	3.3	10
115	Influenza D Virus Infection in Feral Swine Populations, United States. Emerging Infectious Diseases, 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. Journal of General Virology, 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. PLoS ONE, 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. Eurosurveillance, 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. Vaccine, 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. Journal of Virology, 2017, 91, .	3.4	27
121	Rapid acquisition of polymorphic virulence markers during adaptation of highly pathogenic avian influenza H5N8 virus in the mouse. Scientific Reports, 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. Emerging Microbes and Infections, 2017, 6, 1-8.	6.5	68
123	H5 influenza, a global update. Journal of Microbiology, 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. Vaccine, 2017, 35, 1424-1430.	3.8	14
125	Vascular Permeability Drives Susceptibility to Influenza Infection in a Murine Model of Sickle Cell Disease. Scientific Reports, 2017, 7, 43308.	3.3	7
126	Evaluation of multivalent H2 influenza pandemic vaccines in mice. Vaccine, 2017, 35, 1455-1463.	3.8	6

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127	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
128	Pathogenicity and transmission of a swine influenza A(H6N6) virus. Emerging Microbes and Infections, 2017, 6, 1-13.	6.5	19
129	The changing landscape of A H7N9 influenza virus infections in China. Lancet Infectious Diseases, 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. Scientific Reports, 2017, 7, 44727.	3.3	19
131	Systematic, active surveillance for Middle East respiratory syndrome coronavirus in camels in Egypt. Emerging Microbes and Infections, 2017, 6, 1-7.	6.5	55
132	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
133	Absence of clinical disease and contact transmission of HPAI H5NX clade 2.3.4.4 from North America in experimentally infected pigs. Influenza and Other Respiratory Viruses, 2017, 11, 464-470.	3.4	14
134	Lineageâ€specific epitope profiles for <scp>HPAI</scp> H5 preâ€pandemic vaccine selection and evaluation. Influenza and Other Respiratory Viruses, 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. Npj Vaccines, 2017, 2, 16.	6.0	12
136	Zoonotic Risk, Pathogenesis, and Transmission of Avian-Origin H3N2 Canine Influenza Virus. Journal of Virology, 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. Emerging Microbes and Infections, 2017, 6, 1-13.	6.5	34
138	Pathogenicity and peramivir efficacy in immunocompromised murine models of influenza B virus infection. Scientific Reports, 2017, 7, 7345.	3.3	13
139	Protein-Structure Assisted Optimization of 4,5-Dihydroxypyrimidine-6-Carboxamide Inhibitors of Influenza Virus Endonuclease. Scientific Reports, 2017, 7, 17139.	3.3	14
140	A pharmacologically immunosuppressed mouse model for assessing influenza B virus pathogenicity and oseltamivir treatment. Antiviral Research, 2017, 148, 20-31.	4.1	13
141	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
142	Replicating Single-Cycle Adenovirus Vectors Generate Amplified Influenza Vaccine Responses. Journal of Virology, 2017, 91, .	3.4	36
143	An Amino Acid in the Stalk Domain of N1 Neuraminidase Is Critical for Enzymatic Activity. Journal of Virology, 2017, 91, .	3.4	18
144	Biological characterization of highly pathogenic avian influenza H5N1 viruses that infected humans in Egypt in 2014-2015. Archives of Virology, 2017, 162, 687-700.	2.1	13

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145	G45R on nonstructural protein 1 of influenza A virus contributes to virulence by increasing the expression of proinflammatory cytokines in mice. Archives of Virology, 2017, 162, 45-55.	2.1	3
146	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
147	Genesis of Influenza A(H5N8) Viruses. Emerging Infectious Diseases, 2017, 23, 1368-1371.	4.3	42
148	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
149	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. Journal of General Virology, 2017, 98, 1232-1244.	2.9	10
150	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
151	Novel avian paramyxovirus (APMV-15) isolated from a migratory bird in South America. PLoS ONE, 2017, 12, e0177214.	2.5	22
152	Genetic characterisation of novel, highly pathogenic avian influenza (HPAI) H5N6 viruses isolated in birds, South Korea, November 2016. Eurosurveillance, 2017, 22, .	7.0	44
153	Avian Influenza A(H5N1) Virus in Egypt. Emerging Infectious Diseases, 2016, 22, 379-388.	4.3	79
154	G45R mutation in the nonstructural protein 1 of A/Puerto Rico/8/1934 (H1N1) enhances viral replication independent of dsRNA-binding activity and type I interferon biology. Virology Journal, 2016, 13, 127.	3.4	4
155	Ecosystem Interactions Underlie the Spread of Avian Influenza A Viruses with Pandemic Potential. PLoS Pathogens, 2016, 12, e1005620.	4.7	48
156	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
157	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
158	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
159	Understanding immune responses to the influenza vaccine. Nature Medicine, 2016, 22, 1387-1388.	30.7	6
160	Pathogenesis of Influenza D Virus in Cattle. Journal of Virology, 2016, 90, 5636-5642.	3.4	125
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