John W Mccauley

List of Publications by Year
in descending order

56 papers	7,140 citations	147801 31 h-index	144013 57 g-index
69 all docs	69 docs citations	69 times ranked	13118 citing authors

#	Article	IF	Citations
1	The importance of influenza vaccination during the COVIDâ€19 pandemic. Influenza and Other Respiratory Viruses, 2022, 16, 3-6.	3.4	11
2	Temporal and Gene Reassortment Analysis of Influenza C Virus Outbreaks in Hong Kong, SAR, China. Journal of Virology, 2022, 96, JVI0192821.	3.4	5
3	Global Pandemic Preparedness: Optimizing Our Capabilities and the Influenza Experience. Vaccines, 2022, 10, 589.	4.4	1
4	A COVID-19 vaccine candidate using SpyCatcher multimerization of the SARS-CoV-2 spike protein receptor-binding domain induces potent neutralising antibody responses. Nature Communications, 2021, 12, 542.	12.8	200
5	Breadth and function of antibody response to acute SARS-CoV-2 infection in humans. PLoS Pathogens, 2021, 17, e1009352.	4.7	56
6	Protective porcine influenza virus-specific monoclonal antibodies recognize similar haemagglutinin epitopes as humans. PLoS Pathogens, 2021, 17, e1009330.	4.7	13
7	Diversity in the Circulation of Influenza A(H3N2) Viruses in the Northern Hemisphere in the 2018â€“19 Season. Vaccines, 2021, 9, 375.	4.4	6
8	Reduced antibody cross-reactivity following infection with B.1.1.7 than with parental SARS-CoV-2 strains. ELife, 2021, 10, .	6.0	42
9	A Sanger sequencing protocol for SARSâ€CoVâ€2 Sâ€gene. Influenza and Other Respiratory Viruses, 2021, 15, 707-710.	3.4	15
10	2021 Taxonomic update of phylum Negarnaviricota (Riboviria: Orthornavirae), including the large orders Bunyavirales and Mononegavirales. Archives of Virology, 2021, 166, 3513-3566.	2.1	62
11	Favorable antibody responses to human coronaviruses in children and adolescents with autoimmune rheumatic diseases. Med, 2021, 2, 1093-1109.e6.	4.4	6
12	Reduced sialidase activity of influenza A(H3N2) neuraminidase associated with positively charged amino acid substitutions. Journal of General Virology, 2021, 102, .	2.9	4
13	Recruitment of dendritic cell progenitors to foci of influenza A virus infection sustains immunity. Science Immunology, 2021, 6, eabi9331.	11.9	14
14	Low Dose Pig Anti-Influenza Virus Monoclonal Antibodies Reduce Lung Pathology but Do Not Prevent Virus Shedding. Frontiers in Immunology, 2021, 12, 790918.	4.8	3
15	Broadly Inhibiting Antineuraminidase Monoclonal Antibodies Induced by Trivalent Influenza Vaccine and H7N9 Infection in Humans. Journal of Virology, 2020, 94, .	3.4	29
16	Molecular Characterization of Influenza C Viruses from Outbreaks in Hong Kong SAR, China. Journal of Virology, 2020, 94, .	3.4	13
17	2020 taxonomic update for phylum Negarnaviricota (Riboviria: Orthornavirae), including the large orders Bunyavirales and Mononegavirales. Archives of Virology, 2020, 165, 3023-3072.	2.1	184
18	Preexisting and de novo humoral immunity to SARS-CoV-2 in humans. Science, 2020, 370, 1339-1343.	12.6	735

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19	Alternating patterns of seasonal influenza activity in the WHO European Region following the 2009 pandemic, 2010â€2018. Influenza and Other Respiratory Viruses, 2020, 14, 150-161.	3.4	11
20	Integrating genotypes and phenotypes improves long-term forecasts of seasonal influenza A/H3N2 evolution. ELife, 2020, 9, .	6.0	35
21	Detection of Influenza C Virus Infection among Hospitalized Patients, Cameroon. Emerging Infectious Diseases, 2019, 25, 607-609.	4.3	18
22	Segment 2 from influenza A(H1N1) 2009 pandemic viruses confers temperature-sensitive haemagglutinin yield on candidate vaccine virus growth in eggs that can be epistatically complemented by PB2 701D. Journal of General Virology, 2019, 100, 1079-1092.	2.9	5
23	The WHO global influenza surveillance and response system (<scp>GISRS</scp>)â€"A future perspective. Influenza and Other Respiratory Viruses, 2018, 12, 551-557.	3.4	91
24	Predictive Modeling of Influenza Shows the Promise of Applied Evolutionary Biology. Trends in Microbiology, 2018, 26, 102-118.	7.7	95
25	Cell culture-derived influenza vaccines in the severe 2017â€"2018 epidemic season: a step towards improved influenza vaccine effectiveness. Npj Vaccines, 2018, 3, 44.	6.0	90
26	Characterization of neutralizing epitopes in antigenic site B of recently circulating influenza A(H3N2) viruses. Journal of General Virology, 2018, 99, 1001-1011.	2.9	13
27	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
28	Model to accelerate epidemic responses. Nature, 2017, 542, 414-414.	27.8	2
29	The characteristics and antigenic properties of recently emerged subclade 3C.3a and 3C.2a human influenza A(H3N2) viruses passaged in MDCK cells. Influenza and Other Respiratory Viruses, 2017, 11, 263-274.	3.4	61
30	Role of Neuraminidase in Influenza A(H7N9) Virus Receptor Binding. Journal of Virology, 2017, 91, .	3.4	63
31	GISAID: Global initiative on sharing all influenza data â€" from vision to reality. Eurosurveillance, 2017, 22, .	7.0	2,371
32	Evolution and Divergence of H3N8 Equine Influenza Viruses Circulating in the United Kingdom from 2013 to 2015. Pathogens, 2017, 6, 6.	2.8	33
33	Role of the B Allele of Influenza A Virus Segment 8 in Setting Mammalian Host Range and Pathogenicity. Journal of Virology, 2016, 90, 9263-9284.	3.4	26
34	Selection of antigenically advanced variants of seasonal influenza viruses. Nature Microbiology, 2016, 1, 16058.	13.3	61
35	Effects of egg-adaptation on receptor-binding and antigenic properties of recent influenza A (H3N2) vaccine viruses. Journal of General Virology, 2016, 97, 1333-1344.	2.9	66
36	Identification of Low- and High-Impact Hemagglutinin Amino Acid Substitutions That Drive Antigenic Drift of Influenza A(H1N1) Viruses. PLoS Pathogens, 2016, 12, e1005526.	4.7	58

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37	Optimisation of a microâ€neutralisation assay and its application in antigenic characterisation of influenza viruses. Influenza and Other Respiratory Viruses, 2015, 9, 331-340.	3.4	38
38	Global circulation patterns of seasonal influenza viruses vary with antigenic drift. Nature, 2015, 523, 217-220.	27.8	445
39	Biophysical Measurement of the Balance of Influenza A Hemagglutinin and Neuraminidase Activities. Journal of Biological Chemistry, 2015, 290, 6516-6521.	3.4	49
40	Focused antibody response to influenza linked to antigenic drift. Journal of Clinical Investigation, 2015, 125, 2631-2645.	8.2	124
41	Integrating influenza antigenic dynamics with molecular evolution. ELife, 2014, 3, e01914.	6.0	299
42	An efficient genome sequencing method for equine influenza [H3N8] virus reveals a new polymorphism in the PA-X protein. Virology Journal, 2014, 11, 159.	3.4	23
43	Return of pandemic H1N1 influenza virus. BMC Infectious Diseases, 2014, 14, 710.	2.9	7
44	Enhanced human receptor binding by H5 haemagglutinins. Virology, 2014, 456-457, 179-187.	2.4	22
45	Development of a surveillance scheme for equine influenza in the UK and characterisation of viruses isolated in Europe, Dubai and the USA from 2010â€“2012. Veterinary Microbiology, 2014, 169, 113-127.	1.9	55
46	Receptor binding by H10 influenza viruses. Nature, 2014, 511, 475-477.	27.8	69
47	Receptor Binding Properties of the Influenza Virus Hemagglutinin as a Determinant of Host Range. Current Topics in Microbiology and Immunology, 2014, 385, 63-91.	1.1	66
48	Infection and Pathogenesis of Canine, Equine, and Human Influenza Viruses in Canine Tracheas. Journal of Virology, 2014, 88, 9208-9219.	3.4	37
49	A phospha-oseltamivirâ€“biotin conjugate as a strong and selective adhesive for the influenza virus. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 1805-1807.	2.2	6
50	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
51	Virus Pathotype and Deep Sequencing of the HA Gene of a Low Pathogenicity H7N1 Avian Influenza Virus Causing Mortality in Turkeys. PLoS ONE, 2014, 9, e87076.	2.5	7
52	Receptor binding by a ferret-transmissible H5 avian influenza virus. Nature, 2013, 497, 392-396.	27.8	194
53	Receptor binding by an H7N9 influenza virus from humans. Nature, 2013, 499, 496-499.	27.8	284
54	Evolution of the receptor binding properties of the influenza A(H3N2) hemagglutinin. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 21474-21479.	7.1	250

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55	Glycosylation of haemagglutinin and stalk-length of neuraminidase combine to regulate the growth of avian influenza viruses in tissue culture. Virus Research, 2001, 79, 177-185.	2.2	169
56	Interferon actionâ€"sequence specificity of the ppp(A2â€²p)nA-dependent ribonuclease. Nature, 1981, 289, 414-417.	27.8	315