

John Steel

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

39
papers

3,424
citations

23
h-index

39
g-index

39
ext. papers

3,956
ext. citations

6.3
avg, IF

5.3
L-index

#	Paper	IF	Citations
39	A quantitative approach to assess influenza A virus fitness and transmission in guinea pigs. <i>Journal of Virology</i> , 2021 ,	6.6	1
38	Characterizing Emerging Canine H3 Influenza Viruses. <i>PLoS Pathogens</i> , 2020 , 16, e1008409	7.6	15
37	Characterizing Emerging Canine H3 Influenza Viruses 2020 , 16, e1008409		
36	Characterizing Emerging Canine H3 Influenza Viruses 2020 , 16, e1008409		
35	Characterizing Emerging Canine H3 Influenza Viruses 2020 , 16, e1008409		
34	Characterizing Emerging Canine H3 Influenza Viruses 2020 , 16, e1008409		
33	Characterizing Emerging Canine H3 Influenza Viruses 2020 , 16, e1008409		
32	Characterizing Emerging Canine H3 Influenza Viruses 2020 , 16, e1008409		
31	Incomplete influenza A virus genomes occur frequently but are readily complemented during localized viral spread. <i>Nature Communications</i> , 2019 , 10, 3526	17.4	32
30	Dysregulation of M segment gene expression contributes to influenza A virus host restriction. <i>PLoS Pathogens</i> , 2019 , 15, e1007892	7.6	10
29	H5N8 and H7N9 packaging signals constrain HA reassortment with a seasonal H3N2 influenza A virus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 4611-4618	11.5	12
28	Host Cell Copper Transporters CTR1 and ATP7A are important for Influenza A virus replication. <i>Virology Journal</i> , 2017 , 14, 11	6.1	20
27	Heterologous Packaging Signals on Segment 4, but Not Segment 6 or Segment 8, Limit Influenza A Virus Reassortment. <i>Journal of Virology</i> , 2017 , 91,	6.6	20
26	Drivers of airborne human-to-human pathogen transmission. <i>Current Opinion in Virology</i> , 2017 , 22, 22-29	7.5	62
25	High Prevalence of Middle East Respiratory Coronavirus in Young Dromedary Camels in Jordan. <i>Vector-Borne and Zoonotic Diseases</i> , 2017 , 17, 155-159	2.4	32
24	Seasonal H3N2 and 2009 Pandemic H1N1 Influenza A Viruses Reassort Efficiently but Produce Attenuated Progeny. <i>Journal of Virology</i> , 2017 , 91,	6.6	30
23	Influenza Virus Reassortment Is Enhanced by Semi-infectious Particles but Can Be Suppressed by Defective Interfering Particles. <i>PLoS Pathogens</i> , 2015 , 11, e1005204	7.6	51

22	Influenza A Virus Coinfection through Transmission Can Support High Levels of Reassortment. <i>Journal of Virology</i> , 2015 , 89, 8453-61	6.6	24
21	A paradigm shift in vaccine production for pandemic influenza. <i>Annals of Translational Medicine</i> , 2015 , 3, 165	3.2	2
20	In memoriam--Richard M. Elliott (1954-2015). <i>Journal of General Virology</i> , 2015 , 96, 1975-1978	4.9	2
19	The M segment of the 2009 pandemic influenza virus confers increased neuraminidase activity, filamentous morphology, and efficient contact transmissibility to A/Puerto Rico/8/1934-based reassortant viruses. <i>Journal of Virology</i> , 2014 , 88, 3802-14	6.6	71
18	Roles of humidity and temperature in shaping influenza seasonality. <i>Journal of Virology</i> , 2014 , 88, 7692-5.6	6.6	268
17	Intrahost dynamics of influenza virus reassortment. <i>Journal of Virology</i> , 2014 , 88, 7485-92	6.6	30
16	Mutations to PB2 and NP proteins of an avian influenza virus combine to confer efficient growth in primary human respiratory cells. <i>Journal of Virology</i> , 2014 , 88, 13436-46	6.6	23
15	Influenza A virus reassortment. <i>Current Topics in Microbiology and Immunology</i> , 2014 , 385, 377-401	3.3	67
14	Transmission in the guinea pig model. <i>Current Topics in Microbiology and Immunology</i> , 2014 , 385, 157-83	3.3	23
13	Residue 41 of the Eurasian avian-like swine influenza a virus matrix protein modulates virion filament length and efficiency of contact transmission. <i>Journal of Virology</i> , 2014 , 88, 7569-77	6.6	22
12	Filament-producing mutants of influenza A/Puerto Rico/8/1934 (H1N1) virus have higher neuraminidase activities than the spherical wild-type. <i>PLoS ONE</i> , 2014 , 9, e112462	3.7	15
11	Spherical influenza viruses have a fitness advantage in embryonated eggs, while filament-producing strains are selected in vivo. <i>Journal of Virology</i> , 2013 , 87, 13343-53	6.6	45
10	H7N9 influenza viruses interact preferentially with α ,3-linked sialic acids and bind weakly to α ,6-linked sialic acids. <i>Journal of General Virology</i> , 2013 , 94, 2417-2423	4.9	56
9	Transmission of a 2009 pandemic influenza virus shows a sensitivity to temperature and humidity similar to that of an H3N2 seasonal strain. <i>Journal of Virology</i> , 2011 , 85, 1400-2	6.6	100
8	The DBA.2 mouse is susceptible to disease following infection with a broad, but limited, range of influenza A and B viruses. <i>Journal of Virology</i> , 2011 , 85, 12825-9	6.6	65
7	Virulence-associated substitution D222G in the hemagglutinin of 2009 pandemic influenza A(H1N1) virus affects receptor binding. <i>Journal of Virology</i> , 2010 , 84, 11802-13	6.6	171
6	Transmission of pandemic H1N1 influenza virus and impact of prior exposure to seasonal strains or interferon treatment. <i>Journal of Virology</i> , 2010 , 84, 21-6	6.6	101
5	Influenza virus vaccine based on the conserved hemagglutinin stalk domain. <i>MBio</i> , 2010 , 1,	7.8	413

4	Live attenuated influenza viruses containing NS1 truncations as vaccine candidates against H5N1 highly pathogenic avian influenza. <i>Journal of Virology</i> , 2009 , 83, 1742-53	6.6	186
3	Transmission of influenza virus in a mammalian host is increased by PB2 amino acids 627K or 627E/701N. <i>PLoS Pathogens</i> , 2009 , 5, e1000252	7.6	421
2	A combination in-ovo vaccine for avian influenza virus and Newcastle disease virus. <i>Vaccine</i> , 2008 , 26, 522-31	4.1	42
1	Influenza virus transmission is dependent on relative humidity and temperature. <i>PLoS Pathogens</i> , 2007 , 3, 1470-6	7.6	992