

# John Steel

## List of Publications by Year in descending order

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39  
papers

4,362  
citations

257450

24  
h-index

395702

33  
g-index

39  
all docs

39  
docs citations

39  
times ranked

5739  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantitative Approach To Assess Influenza A Virus Fitness and Transmission in Guinea Pigs. <i>Journal of Virology</i> , 2021, 95, .	3.4	11
2	Characterizing Emerging Canine H3 Influenza Viruses. <i>PLoS Pathogens</i> , 2020, 16, e1008409.	4.7	29
3	Characterizing Emerging Canine H3 Influenza Viruses. , 2020, 16, e1008409.		0
4	Characterizing Emerging Canine H3 Influenza Viruses. , 2020, 16, e1008409.		0
5	Characterizing Emerging Canine H3 Influenza Viruses. , 2020, 16, e1008409.		0
6	Characterizing Emerging Canine H3 Influenza Viruses. , 2020, 16, e1008409.		0
7	Characterizing Emerging Canine H3 Influenza Viruses. , 2020, 16, e1008409.		0
8	Characterizing Emerging Canine H3 Influenza Viruses. , 2020, 16, e1008409.		0
9	Incomplete influenza A virus genomes occur frequently but are readily complemented during localized viral spread. <i>Nature Communications</i> , 2019, 10, 3526.	12.8	74
10	Dysregulation of M segment gene expression contributes to influenza A virus host restriction. <i>PLoS Pathogens</i> , 2019, 15, e1007892.	4.7	18
11	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.	7.1	22
12	Host Cell Copper Transporters CTR1 and ATP7A are important for Influenza A virus replication. <i>Virology Journal</i> , 2017, 14, 11.	3.4	36
13	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, .	3.4	24
14	Drivers of airborne human-to-human pathogen transmission. <i>Current Opinion in Virology</i> , 2017, 22, 22-29.	5.4	81
15	High Prevalence of Middle East Respiratory Coronavirus in Young Dromedary Camels in Jordan. <i>Vector-Borne and Zoonotic Diseases</i> , 2017, 17, 155-159.	1.5	38
16	Seasonal H3N2 and 2009 Pandemic H1N1 Influenza A Viruses Reassort Efficiently but Produce Attenuated Progeny. <i>Journal of Virology</i> , 2017, 91, .	3.4	42
17	Influenza Virus Reassortment Is Enhanced by Semi-infectious Particles but Can Be Suppressed by Defective Interfering Particles. <i>PLoS Pathogens</i> , 2015, 11, e1005204.	4.7	64
18	Influenza A Virus Coinfection through Transmission Can Support High Levels of Reassortment. <i>Journal of Virology</i> , 2015, 89, 8453-8461.	3.4	35

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19	In memoriam “ Richard M. Elliott (1954–2015). <i>Journal of General Virology</i> , 2015, 96, 1975-1978.	2.9	4
20	A paradigm shift in vaccine production for pandemic influenza. <i>Annals of Translational Medicine</i> , 2015, 3, 165.	1.7	2
21	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.	2.5	21
22	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, 3802-3814.	3.4	99
23	Roles of Humidity and Temperature in Shaping Influenza Seasonality. <i>Journal of Virology</i> , 2014, 88, 7692-7695.	3.4	384
24	Intrahost Dynamics of Influenza Virus Reassortment. <i>Journal of Virology</i> , 2014, 88, 7485-7492.	3.4	45
25	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, 13436-13446.	3.4	27
26	Influenza A Virus Reassortment. <i>Current Topics in Microbiology and Immunology</i> , 2014, 385, 377-401.	1.1	110
27	Transmission in the Guinea Pig Model. <i>Current Topics in Microbiology and Immunology</i> , 2014, 385, 157-183.	1.1	30
28	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, 7569-7577.	3.4	31
29	Spherical Influenza Viruses Have a Fitness Advantage in Embryonated Eggs, while Filament-Producing Strains Are Selected <i>In Vivo</i> . <i>Journal of Virology</i> , 2013, 87, 13343-13353.	3.4	66
30	H7N9 influenza viruses interact preferentially with $\alpha$ 2,3-linked sialic acids and bind weakly to $\alpha$ 2,6-linked sialic acids. <i>Journal of General Virology</i> , 2013, 94, 2417-2423.	2.9	65
31	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, 1400-1402.	3.4	123
32	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, 12825-12829.	3.4	82
33	Virulence-Associated Substitution D222G in the Hemagglutinin of 2009 Pandemic Influenza A(H1N1) Virus Affects Receptor Binding. <i>Journal of Virology</i> , 2010, 84, 11802-11813.	3.4	197
34	Transmission of Pandemic H1N1 Influenza Virus and Impact of Prior Exposure to Seasonal Strains or Interferon Treatment. <i>Journal of Virology</i> , 2010, 84, 21-26.	3.4	118
35	Influenza Virus Vaccine Based on the Conserved Hemagglutinin Stalk Domain. <i>MBio</i> , 2010, 1, .	4.1	460
36	Live Attenuated Influenza Viruses Containing NS1 Truncations as Vaccine Candidates against H5N1 Highly Pathogenic Avian Influenza. <i>Journal of Virology</i> , 2009, 83, 1742-1753.	3.4	217

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37	Transmission of Influenza Virus in a Mammalian Host Is Increased by PB2 Amino Acids 627K or 627E/701N. PLoS Pathogens, 2009, 5, e1000252.	4.7	497
38	A combination in-ovo vaccine for avian influenza virus and Newcastle disease virus. Vaccine, 2008, 26, 522-531.	3.8	51
39	Influenza Virus Transmission Is Dependent on Relative Humidity and Temperature. PLoS Pathogens, 2007, 3, e151.	4.7	1,259