Nicola S Lewis

List of Publications by Year
in descending order

25 papers	2,403 citations	361413 20 h-index	580821 25 g-index
30 all docs	30 docs citations	30 times ranked	2994 citing authors

#	Article	IF	Citations
1	Substitutions Near the Receptor Binding Site Determine Major Antigenic Change During Influenza Virus Evolution. Science, 2013, 342, 976-979.	12.6	500
2	Global circulation patterns of seasonal influenza viruses vary with antigenic drift. Nature, 2015, 523, 217-220.	27.8	445
3	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
4	The global antigenic diversity of swine influenza A viruses. ELife, 2016, 5, e12217.	6.0	146
5	Swine Influenza A Viruses and the Tangled Relationship with Humans. Cold Spring Harbor Perspectives in Medicine, 2021, 11, a038737.	6.2	128
6	Genetic and antigenic characterization of H1 influenza viruses from United States swine from 2008. Journal of General Virology, 2011, 92, 919-930.	2.9	123
7	Substitutions near the Hemagglutinin Receptor-Binding Site Determine the Antigenic Evolution of Influenza A H3N2 Viruses in U.S. Swine. Journal of Virology, 2014, 88, 4752-4763.	3.4	86
8	Influenza A virus vaccines for swine. Veterinary Microbiology, 2017, 206, 35-44.	1.9	85
9	Novel Reassortant Human-Like H3N2 and H3N1 Influenza A Viruses Detected in Pigs Are Virulent and Antigenically Distinct from Swine Viruses Endemic to the United States. Journal of Virology, 2015, 89, 11213-11222.	3.4	84
10	Avian Influenza Viruses in Wild Birds: Virus Evolution in a Multihost Ecosystem. Journal of Virology, 2018, 92, .	3.4	83
11	Drivers of airborne human-to-human pathogen transmission. Current Opinion in Virology, 2017, 22, 22-29.	5.4	81
12	Antigenic and genetic evolution of contemporary swine H1 influenza viruses in the United States. Virology, 2018, 518, 45-54.	2.4	64
13	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
14	The Molecular Determinants of Antibody Recognition and Antigenic Drift in the H3 Hemagglutinin of Swine Influenza A Virus. Journal of Virology, 2016, 90, 8266-8280.	3.4	54
15	Improving pandemic influenza risk assessment. ELife, 2014, 3, e03883.	6.0	53
16	Characterization of co-circulating swine influenza A viruses in North America and the identification of a novel H1 genetic clade with antigenic significance. Virus Research, 2015, 201, 24-31.	2.2	48
17	Avian Influenza Virus Surveillance in Wild Birds in Georgia: 2009â€“2011. PLoS ONE, 2013, 8, e58534.	2.5	42
18	Characterization of H1N1 Swine Influenza Viruses Circulating in Canadian Pigs in 2009. Journal of Virology, 2011, 85, 8667-8679.	3.4	41

#	Article	IF	Citations
19	Antigenic evolution of H3N2 influenza A viruses in swine in the United States from 2012 to 2016. Influenza and Other Respiratory Viruses, 2019, 13, 83-90.	3.4	29
20	Influenza A virus evolution and spatio-temporal dynamics in Eurasian wild birds: a phylogenetic and phylogeographical study of whole-genome sequence data. Journal of General Virology, 2015, 96, 2050-2060.	2.9	23
21	The type of adjuvant in whole inactivated influenza a virus vaccines impacts vaccine-associated enhanced respiratory disease. Vaccine, 2018, 36, 6103-6110.	3.8	20
22	Serological Evidence for Non-Lethal Exposures of Mongolian Wild Birds to Highly Pathogenic Avian Influenza H5N1 Virus. PLoS ONE, 2014, 9, e113569.	2.5	18
23	Comparative virulence of wild-type H1N1pdm09 influenza A isolates in swine. Veterinary Microbiology, 2015, 176, 40-49.	1.9	13
24	Antigenic Distance between North American Swine and Human Seasonal H3N2 Influenza A Viruses as an Indication of Zoonotic Risk to Humans. Journal of Virology, 2022, 96, JVI0137421.	3.4	10
25	JMM Profile: Avian influenza: a veterinary pathogen with zoonotic potential. Journal of Medical Microbiology, 2022, 71, .	1.8	1