

Nicole M Bouvier

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

5,395
citations

147801

31
h-index

276875

41
g-index

55
all docs

55
docs citations

55
times ranked

9448
citing authors

#	ARTICLE	IF	CITATIONS
1	The biology of influenza viruses. <i>Vaccine</i> , 2008, 26, D49-D53.	3.8	802
2	Aerosol emission and superemission during human speech increase with voice loudness. <i>Scientific Reports</i> , 2019, 9, 2348.	3.3	709
3	Convalescent plasma treatment of severe COVID-19: a propensity score-matched control study. <i>Nature Medicine</i> , 2020, 26, 1708-1713.	30.7	405
4	Newcastle Disease Virus (NDV)-Based Assay Demonstrates Interferon-Antagonist Activity for the NDV V Protein and the Nipah Virus V, W, and C Proteins. <i>Journal of Virology</i> , 2003, 77, 1501-1511.	3.4	348
5	Animal Models for Influenza Virus Pathogenesis and Transmission. <i>Viruses</i> , 2010, 2, 1530-1563.	3.3	308
6	Efficacy of masks and face coverings in controlling outward aerosol particle emission from expiratory activities. <i>Scientific Reports</i> , 2020, 10, 15665.	3.3	284
7	Environmental factors affecting the transmission of respiratory viruses. <i>Current Opinion in Virology</i> , 2012, 2, 90-95.	5.4	231
8	Influenza A Virus Transmission Bottlenecks Are Defined by Infection Route and Recipient Host. <i>Cell Host and Microbe</i> , 2014, 16, 691-700.	11.0	215
9	Influenza A(H7N9) virus gains neuraminidase inhibitor resistance without loss of in vivo virulence or transmissibility. <i>Nature Communications</i> , 2013, 4, 2854.	12.8	146
10	Animal models for influenza virus pathogenesis, transmission, and immunology. <i>Journal of Immunological Methods</i> , 2014, 410, 60-79.	1.4	146
11	Effect of voicing and articulation manner on aerosol particle emission during human speech. <i>PLoS ONE</i> , 2020, 15, e0227699.	2.5	138
12	Humoral response and PCR positivity in patients with COVID-19 in the New York City region, USA: an observational study. <i>Lancet Microbe</i> , The, 2020, 1, e283-e289.	7.3	133
13	Defining the antibody cross-reactome directed against the influenza virus surface glycoproteins. <i>Nature Immunology</i> , 2017, 18, 464-473.	14.5	131
14	The Effect of Convalescent Plasma Therapy on Mortality Among Patients With COVID-19: Systematic Review and Meta-analysis. <i>Mayo Clinic Proceedings</i> , 2021, 96, 1262-1275.	3.0	129
15	Oseltamivir-Resistant Influenza A Viruses Are Transmitted Efficiently among Guinea Pigs by Direct Contact but Not by Aerosol. <i>Journal of Virology</i> , 2008, 82, 10052-10058.	3.4	90
16	Influenza A virus is transmissible via aerosolized fomites. <i>Nature Communications</i> , 2020, 11, 4062.	12.8	83
17	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
18	An Amphibian Host Defense Peptide Is Virucidal for Human H1 Hemagglutinin-Bearing Influenza Viruses. <i>Immunity</i> , 2017, 46, 587-595.	14.3	74

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19	Recombinant IgA Is Sufficient To Prevent Influenza Virus Transmission in Guinea Pigs. <i>Journal of Virology</i> , 2013, 87, 7793-7804.	3.4	73
20	Transmission of Influenza B Viruses in the Guinea Pig. <i>Journal of Virology</i> , 2012, 86, 4279-4287.	3.4	72
21	Three patients with X-linked agammaglobulinemia hospitalized for COVID-19 improved with convalescent plasma. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2020, 8, 3594-3596.e3.	3.8	72
22	Individuals with Down syndrome hospitalized with COVID-19 have more severe disease. <i>Genetics in Medicine</i> , 2021, 23, 576-580.	2.4	65
23	Pause on Avian Flu Transmission Research. <i>Science</i> , 2012, 335, 400-401.	12.6	58
24	Antigenic sites in influenza H1 hemagglutinin display species-specific immunodominance. <i>Journal of Clinical Investigation</i> , 2018, 128, 4992-4996.	8.2	51
25	Mucosal Immunity against Neuraminidase Prevents Influenza B Virus Transmission in Guinea Pigs. <i>MBio</i> , 2019, 10, .	4.1	51
26	Animal models for influenza virus transmission studies: a historical perspective. <i>Current Opinion in Virology</i> , 2015, 13, 101-108.	5.4	49
27	Enhanced Mammalian Transmissibility of Seasonal Influenza A/H1N1 Viruses Encoding an Oseltamivir-Resistant Neuraminidase. <i>Journal of Virology</i> , 2012, 86, 7268-7279.	3.4	47
28	Expiratory aerosol particle escape from surgical masks due to imperfect sealing. <i>Scientific Reports</i> , 2021, 11, 12110.	3.3	47
29	Single Point Mutations in the Zinc Finger Motifs of the Human Immunodeficiency Virus Type 1 Nucleocapsid Alter RNA Binding Specificities of the Gag Protein and Enhance Packaging and Infectivity. <i>Journal of Virology</i> , 2005, 79, 7756-7767.	3.4	35
30	Transmission Studies Resume for Avian Flu. <i>Science</i> , 2013, 339, 520-521.	12.6	34
31	Efficient Transmission of Pandemic H1N1 Influenza Viruses with High-Level Oseltamivir Resistance. <i>Journal of Virology</i> , 2012, 86, 5386-5389.	3.4	33
32	Transmission in the Guinea Pig Model. <i>Current Topics in Microbiology and Immunology</i> , 2014, 385, 157-183.	1.1	30
33	The Future of Influenza Vaccines: A Historical and Clinical Perspective. <i>Vaccines</i> , 2018, 6, 58.	4.4	30
34	Ambient Temperature and Respiratory Virus Infection. <i>Pediatric Infectious Disease Journal</i> , 2014, 33, 311-313.	2.0	26
35	<i>Phellinus tropicalis</i> Abscesses in a Patient with Chronic Granulomatous Disease. <i>Journal of Clinical Immunology</i> , 2014, 34, 130-133.	3.8	18
36	Transfusion reactions associated with COVID-19 convalescent plasma therapy for SARS-CoV-2. <i>Transfusion</i> , 2021, 61, 78-93.	1.6	17

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37	Cystic fibrosis and the war for iron at the host–pathogen battlefield. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 1480-1482.	7.1	9
38	A highly efficient cloth facemask design. Aerosol Science and Technology, 2022, 56, 12-28.	3.1	9
39	Non-respiratory particles emitted by guinea pigs in airborne disease transmission experiments. Scientific Reports, 2021, 11, 17490.	3.3	7
40	The Science of Security Versus the Security of Science. Journal of Infectious Diseases, 2012, 205, 1632-1635.	4.0	5
41	The curious case of the caramel apples. Science Translational Medicine, 2015, 7, .	12.4	1
42	c-Abl, Free Radicals, and Osteoporosis. Scientific World Journal, The, 2001, 1, 148-148.	2.1	0
43	Malaria gives mosquitoes the munchies. Science Translational Medicine, 2015, 7, .	12.4	0
44	Mixing it up. Science Translational Medicine, 2015, 7, .	12.4	0
45	The heavy toll of influenza. Science Translational Medicine, 2015, 7, .	12.4	0
46	A shocking development. Science Translational Medicine, 2015, 7, .	12.4	0
47	The case against Zika virus. Science Translational Medicine, 2016, 8, .	12.4	0
48	Effect of voicing and articulation manner on aerosol particle emission during human speech. , 2020, 15, e0227699.		0
49	Effect of voicing and articulation manner on aerosol particle emission during human speech. , 2020, 15, e0227699.		0
50	Effect of voicing and articulation manner on aerosol particle emission during human speech. , 2020, 15, e0227699.		0
51	Effect of voicing and articulation manner on aerosol particle emission during human speech. , 2020, 15, e0227699.		0