Nicole M Bouvier

List of Publications by Year
in descending order

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	A highly efficient cloth facemask design. Aerosol Science and Technology, 2022, 56, 12-28.	3.1	9
2	Individuals with Down syndrome hospitalized with COVID-19 have more severe disease. Genetics in Medicine, 2021, 23, 576-580.	2.4	65
3	Transfusion reactions associated with <scp>COVID</scp>â€19 convalescent plasma therapy for <scp>SARSâ€CoV</scp>â€2. Transfusion, 2021, 61, 78-93.	1.6	17
4	The Effect of Convalescent Plasma Therapy on Mortality Among Patients With COVID-19: Systematic Review and Meta-analysis. Mayo Clinic Proceedings, 2021, 96, 1262-1275.	3.0	129
5	Expiratory aerosol particle escape from surgical masks due to imperfect sealing. Scientific Reports, 2021, 11, 12110.	3.3	47
6	Non-respiratory particles emitted by guinea pigs in airborne disease transmission experiments. Scientific Reports, 2021, 11, 17490.	3.3	7
7	Three patients with X-linked agammaglobulinemia hospitalized for COVID-19 improved with convalescent plasma. Journal of Allergy and Clinical Immunology: in Practice, 2020, 8, 3594-3596.e3.	3.8	72
8	Humoral response and PCR positivity in patients with COVID-19 in the New York City region, USA: an observational study. Lancet Microbe, The, 2020, 1, e283-e289.	7.3	133
9	Efficacy of masks and face coverings in controlling outward aerosol particle emission from expiratory activities. Scientific Reports, 2020, 10, 15665.	3.3	284
10	Convalescent plasma treatment of severe COVID-19: a propensity scoreâ€“matched control study. Nature Medicine, 2020, 26, 1708-1713.	30.7	405
11	Influenza A virus is transmissible via aerosolized fomites. Nature Communications, 2020, 11, 4062.	12.8	83
12	Effect of voicing and articulation manner on aerosol particle emission during human speech. PLoS ONE, 2020, 15, e0227699.	2.5	138
13	Effect of voicing and articulation manner on aerosol particle emission during human speech. , 2020, 15, e0227699.		0
14	Effect of voicing and articulation manner on aerosol particle emission during human speech. , 2020, 15, e0227699.		0
15	Effect of voicing and articulation manner on aerosol particle emission during human speech. , 2020, 15, e0227699.		0
16	Effect of voicing and articulation manner on aerosol particle emission during human speech. , 2020, 15, e0227699.		0
17	Mucosal Immunity against Neuraminidase Prevents Influenza B Virus Transmission in Guinea Pigs. MBio, 2019, 10, .	4.1	51
18	Aerosol emission and superemission during human speech increase with voice loudness. Scientific Reports, 2019, 9, 2348.	3.3	709

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19	Antigenic sites in influenza H1 hemagglutinin display species-specific immunodominance. Journal of Clinical Investigation, 2018, 128, 4992-4996.	8.2	51
20	The Future of Influenza Vaccines: A Historical and Clinical Perspective. Vaccines, 2018, 6, 58.	4.4	30
21	Defining the antibody cross-reactome directed against the influenza virus surface glycoproteins. Nature Immunology, 2017, 18, 464-473.	14.5	131
22	An Amphibian Host Defense Peptide Is Virucidal for Human H1 Hemagglutinin-Bearing Influenza Viruses. Immunity, 2017, 46, 587-595.	14.3	74
23	Cystic fibrosis and the war for iron at the hostâ€“pathogen battlefront. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 1480-1482.	7.1	9
24	The case against Zika virus. Science Translational Medicine, 2016, 8, .	12.4	0
25	Animal models for influenza virus transmission studies: a historical perspective. Current Opinion in Virology, 2015, 13, 101-108.	5.4	49
26	The curious case of the caramel apples. Science Translational Medicine, 2015, 7, .	12.4	1
27	Malaria gives mosquitoes the munchies. Science Translational Medicine, 2015, 7, .	12.4	0
28	Mixing it up. Science Translational Medicine, 2015, 7, .	12.4	0
29	The heavy toll of influenza. Science Translational Medicine, 2015, 7, .	12.4	0
30	A shocking development. Science Translational Medicine, 2015, 7, .	12.4	0
31	Ambient Temperature and Respiratory Virus Infection. Pediatric Infectious Disease Journal, 2014, 33, 311-313.	2.0	26
32	Phellinus tropicalis Abscesses in a Patient with Chronic Granulomatous Disease. Journal of Clinical Immunology, 2014, 34, 130-133.	3.8	18
33	Animal models for influenza virus pathogenesis, transmission, and immunology. Journal of Immunological Methods, 2014, 410, 60-79.	1.4	146
34	Influenza A Virus Transmission Bottlenecks Are Defined by Infection Route and Recipient Host. Cell Host and Microbe, 2014, 16, 691-700.	11.0	215
35	Transmission in the Guinea Pig Model. Current Topics in Microbiology and Immunology, 2014, 385, 157-183.	1.1	30
36	Transmission Studies Resume for Avian Flu. Science, 2013, 339, 520-521.	12.6	34

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37	Recombinant IgA Is Sufficient To Prevent Influenza Virus Transmission in Guinea Pigs. Journal of Virology, 2013, 87, 7793-7804.	3.4	73
38	Influenza A(H7N9) virus gains neuraminidase inhibitor resistance without loss of in vivo virulence or transmissibility. Nature Communications, 2013, 4, 2854.	12.8	146
39	Efficient Transmission of Pandemic H1N1 Influenza Viruses with High-Level Oseltamivir Resistance. Journal of Virology, 2012, 86, 5386-5389.	3.4	33
40	Pause on Avian Flu Transmission Research. Science, 2012, 335, 400-401.	12.6	58
41	The Science of Security Versus the Security of Science. Journal of Infectious Diseases, 2012, 205, 1632-1635.	4.0	5
42	Transmission of Influenza B Viruses in the Guinea Pig. Journal of Virology, 2012, 86, 4279-4287.	3.4	72
43	Enhanced Mammalian Transmissibility of Seasonal Influenza A/H1N1 Viruses Encoding an Oseltamivir-Resistant Neuraminidase. Journal of Virology, 2012, 86, 7268-7279.	3.4	47
44	Environmental factors affecting the transmission of respiratory viruses. Current Opinion in Virology, 2012, 2, 90-95.	5.4	231
45	The DBA.2 Mouse Is Susceptible to Disease following Infection with a Broad, but Limited, Range of Influenza A and B Viruses. Journal of Virology, 2011, 85, 12825-12829.	3.4	82
46	Animal Models for Influenza Virus Pathogenesis and Transmission. Viruses, 2010, 2, 1530-1563.	3.3	308
47	The biology of influenza viruses. Vaccine, 2008, 26, D49-D53.	3.8	802
48	Oseltamivir-Resistant Influenza A Viruses Are Transmitted Efficiently among Guinea Pigs by Direct Contact but Not by Aerosol. Journal of Virology, 2008, 82, 10052-10058.	3.4	90
49	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. Journal of Virology, 2005, 79, 7756-7767.	3.4	35
50	Newcastle Disease Virus (NDV)-Based Assay Demonstrates Interferon-Antagonist Activity for the NDV V Protein and the Nipah Virus V, W, and C Proteins. Journal of Virology, 2003, 77, 1501-1511.	3.4	348
51	c-Abl, Free Radicals, and Osteoporosis. Scientific World Journal, The, 2001, 1, 148-148.	2.1	0