

Trenton Bushmaker

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

10,885
citations

304743

22
h-index

454955

30
g-index

38
all docs

38
docs citations

38
times ranked

21178
citing authors

#	ARTICLE	IF	CITATIONS
1	Aerosol and Surface Stability of SARS-CoV-2 as Compared with SARS-CoV-1. <i>New England Journal of Medicine</i> , 2020, 382, 1564-1567.	27.0	7,369
2	ChAdOx1 nCoV-19 vaccine prevents SARS-CoV-2 pneumonia in rhesus macaques. <i>Nature</i> , 2020, 586, 578-582.	27.8	840
3	K18-hACE2 mice develop respiratory disease resembling severe COVID-19. <i>PLoS Pathogens</i> , 2021, 17, e1009195.	4.7	227
4	Effectiveness of N95 Respirator Decontamination and Reuse against SARS-CoV-2 Virus. <i>Emerging Infectious Diseases</i> , 2020, 26, 2253-2255.	4.3	200
5	Host Species Restriction of Middle East Respiratory Syndrome Coronavirus through Its Receptor, Dipeptidyl Peptidase 4. <i>Journal of Virology</i> , 2014, 88, 9220-9232.	3.4	189
6	Intranasal ChAdOx1 nCoV-19/AZD1222 vaccination reduces viral shedding after SARS-CoV-2 D614G challenge in preclinical models. <i>Science Translational Medicine</i> , 2021, 13, .	12.4	180
7	Mechanistic theory predicts the effects of temperature and humidity on inactivation of SARS-CoV-2 and other enveloped viruses. <i>ELife</i> , 2021, 10, .	6.0	158
8	Effect of Environmental Conditions on SARS-CoV-2 Stability in Human Nasal Mucus and Sputum. <i>Emerging Infectious Diseases</i> , 2020, 26, 2276-2278.	4.3	143
9	Replication and shedding of MERS-CoV in Jamaican fruit bats (<i>Artibeus jamaicensis</i>). <i>Scientific Reports</i> , 2016, 6, 21878.	3.3	138
10	The Middle East Respiratory Syndrome Coronavirus (MERS-CoV) Does Not Replicate in Syrian Hamsters. <i>PLoS ONE</i> , 2013, 8, e69127.	2.5	114
11	SARS-CoV-2 disease severity and transmission efficiency is increased for airborne compared to fomite exposure in Syrian hamsters. <i>Nature Communications</i> , 2021, 12, 4985.	12.8	94
12	A single dose of ChAdOx1 MERS provides protective immunity in rhesus macaques. <i>Science Advances</i> , 2020, 6, eaba8399.	10.3	89
13	Protective efficacy of a novel simian adenovirus vaccine against lethal MERS-CoV challenge in a transgenic human DPP4 mouse model. <i>Npj Vaccines</i> , 2017, 2, 28.	6.0	81
14	Efficacy of an Adjuvanted Middle East Respiratory Syndrome Coronavirus Spike Protein Vaccine in Dromedary Camels and Alpacas. <i>Viruses</i> , 2019, 11, 212.	3.3	75
15	Foodborne Transmission of Nipah Virus in Syrian Hamsters. <i>PLoS Pathogens</i> , 2014, 10, e1004001.	4.7	56
16	Efficacy of antibody-based therapies against Middle East respiratory syndrome coronavirus (MERS-CoV) in common marmosets. <i>Antiviral Research</i> , 2017, 143, 30-37.	4.1	56
17	1918 H1N1 Influenza Virus Replicates and Induces Proinflammatory Cytokine Responses in Extrarespiratory Tissues of Ferrets. <i>Journal of Infectious Diseases</i> , 2018, 217, 1237-1246.	4.0	49
18	A single-dose ChAdOx1-vectored vaccine provides complete protection against Nipah Bangladesh and Malaysia in Syrian golden hamsters. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007462.	3.0	46

#	ARTICLE	IF	CITATIONS
19	Plasmodium Parasitemia Associated With Increased Survival in Ebola Virus-Infected Patients. <i>Clinical Infectious Diseases</i> , 2016, 63, 1026-1033.	5.8	42
20	Diverse RNA viruses of arthropod origin in the blood of fruit bats suggest a link between bat and arthropod viromes. <i>Virology</i> , 2019, 528, 64-72.	2.4	36
21	Prior aerosol infection with lineage A SARS-CoV-2 variant protects hamsters from disease, but not reinfection with B.1.351 SARS-CoV-2 variant. <i>Emerging Microbes and Infections</i> , 2021, 10, 1284-1292.	6.5	25
22	Influenza Virus A/Anhui/1/2013 (H7N9) Replicates Efficiently in the Upper and Lower Respiratory Tracts of <i>Cynomolgus</i> Macaques. <i>MBio</i> , 2014, 5, .	4.1	23
23	SARS-Like Coronavirus WIV1-CoV Does Not Replicate in Egyptian Fruit Bats (<i>Rousettus aegyptiacus</i>). <i>Viruses</i> , 2018, 10, 727.	3.3	21
24	Comparison of the Aerosol Stability of 2 Strains of <i>Zaire ebolavirus</i> From the 1976 and 2013 Outbreaks. <i>Journal of Infectious Diseases</i> , 2016, 214, S290-S293.	4.0	20
25	<i>Rousettus aegyptiacus</i> Bats Do Not Support Productive Nipah Virus Replication. <i>Journal of Infectious Diseases</i> , 2020, 221, S407-S413.	4.0	19
26	Long-Range Polymerase Chain Reaction Method for Sequencing the Ebola Virus Genome From Ecological and Clinical Samples. <i>Journal of Infectious Diseases</i> , 2018, 218, S301-S304.	4.0	8
27	Clinical Chemistry of Patients With Ebola in Monrovia, Liberia. <i>Journal of Infectious Diseases</i> , 2016, 214, S303-S307.	4.0	7
28	A Novel Field-Deployable Method for Sequencing and Analyses of Henipavirus Genomes From Complex Samples on the MinION Platform. <i>Journal of Infectious Diseases</i> , 2020, 221, S383-S388.	4.0	5
29	Continuing Orthohantavirus Circulation in Deer Mice in Western Montana. <i>Viruses</i> , 2021, 13, 1006.	3.3	0