

Victoria A Meliopoulos

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,336
citations

471509

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h-index

477307

29
g-index

31
all docs

31
docs citations

31
times ranked

2118
citing authors

#	ARTICLE	IF	CITATIONS
1	Influenza virus and SARS-CoV-2: pathogenesis and host responses in the respiratory tract. <i>Nature Reviews Microbiology</i> , 2021, 19, 425-441.	28.6	202
2	Astrovirus Biology and Pathogenesis. <i>Annual Review of Virology</i> , 2017, 4, 327-348.	6.7	132
3	Defining the risk of SARS-CoV-2 variants on immune protection. <i>Nature</i> , 2022, 605, 640-652.	27.8	117
4	Direct interactions with influenza promote bacterial adherence during respiratory infections. <i>Nature Microbiology</i> , 2019, 4, 1328-1336.	13.3	106
5	Visualizing real-time influenza virus infection, transmission and protection in ferrets. <i>Nature Communications</i> , 2015, 6, 6378.	12.8	101
6	Obesity-Related Microenvironment Promotes Emergence of Virulent Influenza Virus Strains. <i>MBio</i> , 2020, 11, .	4.1	85
7	Astrovirus Pathogenesis. <i>Viruses</i> , 2017, 9, 22.	3.3	77
8	Moving Forward: Recent Developments for the Ferret Biomedical Research Model. <i>MBio</i> , 2018, 9, .	4.1	52
9	Influenza Promotes Collagen Deposition via $\alpha 5 \beta 1$ Integrin-mediated Transforming Growth Factor $\beta 2$ Activation. <i>Journal of Biological Chemistry</i> , 2014, 289, 35246-35263.	3.4	48
10	Reversion of Cold-Adapted Live Attenuated Influenza Vaccine into a Pathogenic Virus. <i>Journal of Virology</i> , 2016, 90, 8454-8463.	3.4	42
11	Detection of Antibodies against Turkey Astrovirus in Humans. <i>PLoS ONE</i> , 2014, 9, e96934.	2.5	42
12	An Epithelial Integrin Regulates the Amplitude of Protective Lung Interferon Responses against Multiple Respiratory Pathogens. <i>PLoS Pathogens</i> , 2016, 12, e1005804.	4.7	37
13	Human H7N9 and H5N1 Influenza Viruses Differ in Induction of Cytokines and Tissue Tropism. <i>Journal of Virology</i> , 2014, 88, 12982-12991.	3.4	36
14	Oral Administration of Astrovirus Capsid Protein Is Sufficient To Induce Acute Diarrhea In Vivo. <i>MBio</i> , 2016, 7, .	4.1	33
15	Characterizing Emerging Canine H3 Influenza Viruses. <i>PLoS Pathogens</i> , 2020, 16, e1008409.	4.7	29
16	Influenza A virus undergoes compartmentalized replication in vivo dominated by stochastic bottlenecks. <i>Nature Communications</i> , 2022, 13, .	12.8	27
17	A Perfect Storm: Increased Colonization and Failure of Vaccination Leads to Severe Secondary Bacterial Infection in Influenza Virus-Infected Obese Mice. <i>MBio</i> , 2017, 8, .	4.1	26
18	Respiratory Bacteria Stabilize and Promote Airborne Transmission of Influenza A Virus. <i>MSystems</i> , 2020, 5, .	3.8	22

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19	Diverse Heterologous Primary Infections Radically Alter Immunodominance Hierarchies and Clinical Outcomes Following H7N9 Influenza Challenge in Mice. <i>PLoS Pathogens</i> , 2015, 11, e1004642.	4.7	20
20	Hemagglutinin Stability Regulates H1N1 Influenza Virus Replication and Pathogenicity in Mice by Modulating Type I Interferon Responses in Dendritic Cells. <i>Journal of Virology</i> , 2020, 94, .	3.4	18
21	Absence of β 2 Integrin Reduces Influenza Disease Severity in Highly Susceptible Obese Mice. <i>Journal of Virology</i> , 2019, 93, .	3.4	14
22	Human Astrovirus Propagation, Purification and Quantification. <i>Bio-protocol</i> , 2014, 4, .	0.4	13
23	Measuring Influenza Virus Infection Using Bioluminescent Reporter Viruses for In Vivo Imaging and In Vitro Replication Assays. <i>Methods in Molecular Biology</i> , 2018, 1836, 431-459.	0.9	12
24	Influenza in High-Risk Hosts—Lessons Learned from Animal Models. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2020, 10, a038604.	6.2	12
25	Primary Swine Respiratory Epithelial Cell Lines for the Efficient Isolation and Propagation of Influenza A Viruses. <i>Journal of Virology</i> , 2020, 94, .	3.4	11
26	Vascular Permeability Drives Susceptibility to Influenza Infection in a Murine Model of Sickle Cell Disease. <i>Scientific Reports</i> , 2017, 7, 43308.	3.3	7
27	Although it's painful: The importance of stringent antibody validation. <i>PLoS Pathogens</i> , 2018, 14, e1006701.	4.7	5
28	Evidence of influenza infection in dogs and cats in central Chile. <i>Preventive Veterinary Medicine</i> , 2021, 191, 105349.	1.9	4
29	Innate Antiviral Cytokine Response to Swine Influenza Virus by Swine Respiratory Epithelial Cells. <i>Journal of Virology</i> , 2021, 95, e0069221.	3.4	3
30	What can imaging tell us about influenza virus transmission and protection?. <i>Future Virology</i> , 2016, 11, 583-590.	1.8	0