Anne Moscona

List of Publications by Year
in descending order

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31 papers	1,955 citations	516710 16 h-index	434195 31 g-index
72 all docs	72 docs citations	72 times ranked	4037 citing authors

#	Article	IF	Citations
1	A three-dimensional model of human lung development and disease from pluripotent stem cells. Nature Cell Biology, 2017, 19, 542-549.	10.3	467
2	Distinct antibody responses to SARS-CoV-2 in children and adults across the COVID-19 clinical spectrum. Nature Immunology, 2021, 22, 25-31.	14.5	403
3	In vivo antiviral host transcriptional response to SARS-CoV-2 by viral load, sex, and age. PLoS Biology, 2020, 18, e3000849.	5.6	225
4	Intranasal fusion inhibitory lipopeptide prevents direct-contact SARS-CoV-2 transmission in ferrets. Science, 2021, 371, 1379-1382.	12.6	158
5	Inhibition of Nipah Virus Infection In Vivo: Targeting an Early Stage of Paramyxovirus Fusion Activation during Viral Entry. PLoS Pathogens, 2010, 6, e1001168.	4.7	115
6	A General Strategy to Endow Natural Fusion-protein-Derived Peptides with Potent Antiviral Activity. PLoS ONE, 2012, 7, e36833.	2.5	67
7	Inhibition of Coronavirus Entry In Vitro and Ex Vivo by a Lipid-Conjugated Peptide Derived from the SARS-CoV-2 Spike Glycoprotein HRC Domain. MBio, 2020, 11, .	4.1	63
8	Measles Fusion Machinery Is Dysregulated in Neuropathogenic Variants. MBio, 2015, 6, .	4.1	45
9	Broad spectrum antiviral activity for paramyxoviruses is modulated by biophysical properties of fusion inhibitory peptides. Scientific Reports, 2017, 7, 43610.	3.3	45
10	Fusion Inhibitory Lipopeptides Engineered for Prophylaxis of Nipah Virus in Primates. Journal of Infectious Diseases, 2018, 218, 218-227.	4.0	45
11	Hamster organotypic modeling of SARS-CoV-2 lung and brainstem infection. Nature Communications, 2021, 12, 5809.	12.8	37
12	Quantitative analysis of molecular partition towards lipid membranes using surface plasmon resonance. Scientific Reports, 2017, 7, 45647.	3.3	36
13	Viral Entry Properties Required for Fitness in Humans Are Lost through Rapid Genomic Change during Viral Isolation. MBio, 2018, 9, .	4.1	27
14	Analysis of a Subacute Sclerosing Panencephalitis Genotype B3 Virus from the 2009-2010 South African Measles Epidemic Shows That Hyperfusogenic F Proteins Contribute to Measles Virus Infection in the Brain. Journal of Virology, 2019, 93, .	3.4	25
15	Measles Virus Bearing Measles Inclusion Body Encephalitis-Derived Fusion Protein Is Pathogenic after Infection via the Respiratory Route. Journal of Virology, 2019, 93, .	3.4	24
16	Dual Inhibition of Human Parainfluenza Type 3 and Respiratory Syncytial Virus Infectivity with a Single Agent. Journal of the American Chemical Society, 2019, 141, 12648-12656.	13.7	21
17	The in vitro multilineage differentiation and maturation of lung and airway cells from human pluripotent stem cellâ€“derived lung progenitors in 3D. Nature Protocols, 2021, 16, 1802-1829.	12.0	21
18	Features of Circulating Parainfluenza Virus Required for Growth in Human Airway. MBio, 2016, 7, e00235.	4.1	18

#	Article	IF	Citations
19	Engineering Protease-Resistant Peptides to Inhibit Human Parainfluenza Viral Respiratory Infection. Journal of the American Chemical Society, 2021, 143, 5958-5966.	13.7	14
20	Antiviral Lipopeptide-Cell Membrane Interaction Is Influenced by PEG Linker Length. Molecules, 2017, 22, 1190.	3.8	13
21	Structureâ€“Stabilityâ€“Function Mechanistic Links in the Anti-Measles Virus Action of Tocopherol-Derivatized Peptide Nanoparticles. ACS Nano, 2018, 12, 9855-9865.	14.6	13
22	Human parainfluenza virus fusion complex glycoproteins imaged in action on authentic viral surfaces. PLoS Pathogens, 2020, 16, e1008883.	4.7	12
23	Structure-Guided Improvement of a Dual HPIV3/RSV Fusion Inhibitor. Journal of the American Chemical Society, 2020, 142, 2140-2144.	13.7	11
24	Inhibition of Measles Viral Fusion Is Enhanced by Targeting Multiple Domains of the Fusion Protein. ACS Nano, 2021, 15, 12794-12803.	14.6	9
25	Potency of Fusion-Inhibitory Lipopeptides against SARS-CoV-2 Variants of Concern. MBio, 2022, 13, .	4.1	9
26	Effects of Single Î±-to-Î² Residue Replacements on Recognition of an Extended Segment in a Viral Fusion Protein. ACS Infectious Diseases, 2020, 6, 2017-2022.	3.8	8
27	Modeling Infection and Tropism of Human Parainfluenza Virus Type 3 in Ferrets. MBio, 2022, 13, e0383121.	4.1	5
28	Repurposing an In Vitro Measles Virus Dissemination Assay for Screening of Antiviral Compounds. Viruses, 2022, 14, 1186.	3.3	4
29	Parainfluenza virus entry at the onset of infection. Advances in Virus Research, 2021, 111, 1-29.	2.1	3
30	Absence of COVID-19-associated changes in plasma coagulation proteins and pulmonary thrombosis in the ferret model. Thrombosis Research, 2022, 210, 6-11.	1.7	3
31	Rapid and Flexible Platform To Assess Anti-SARS-CoV-2 Antibody Neutralization and Spike Protein-Specific Antivirals. MSphere, 2021, 6, e0057121.	2.9	2