

Michelle L Hill

List of Publications by Year in descending order

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11
papers

462
citations

1039880

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h-index

1281743

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g-index

13
all docs

13
docs citations

13
times ranked

862
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessing Antigen Structural Integrity through Glycosylation Analysis of the SARS-CoV-2 Viral Spike. ACS Central Science, 2021, 7, 586-593.	5.3	68
2	Pathogen-induced inflammation is attenuated by the iminosugar M O Nâ€DNJ via modulation of the unfolded protein response. Immunology, 2021, 164, 587-601.	2.0	6
3	Human Basigin (CD147) Does Not Directly Interact with SARS-CoV-2 Spike Glycoprotein. MSphere, 2021, 6, e0064721.	1.3	40
4	N-Substituted Valiolamine Derivatives as Potent Inhibitors of Endoplasmic Reticulum Î±-Glucosidases I and II with Antiviral Activity. Journal of Medicinal Chemistry, 2021, 64, 18010-18024.	2.9	40
5	Structure of human endo-Î±-1,2-mannosidase (MANEA), an antiviral host-glycosylation target. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 29595-29601.	3.3	14
6	Iminosugars counteract the downregulation of the interferon Î³ receptor by dengue virus. Antiviral Research, 2019, 170, 104551.	1.9	10
7	The circadian clock components BMAL1 and REV-ERBÎ± regulate flavivirus replication. Nature Communications, 2019, 10, 377.	5.8	71
8	ToP-DNJ, a Selective Inhibitor of Endoplasmic Reticulum Î±-Glucosidase II Exhibiting Antiflaviviral Activity. ACS Chemical Biology, 2018, 13, 60-65.	1.6	28
9	Optimization of Zika virus envelope protein production for ELISA and correlation of antibody titers with virus neutralization in Mexican patients from an arbovirus endemic region. Virology Journal, 2018, 15, 193.	1.4	11
10	Inhibition of endoplasmic reticulum glucosidases is required for inÂvitro and inÂvivo dengue antiviral activity by the iminosugar UV-4. Antiviral Research, 2016, 129, 93-98.	1.9	52
11	Iminosugars Inhibit Dengue Virus Production via Inhibition of ER Alpha-Glucosidasesâ€”Not Glycolipid Processing Enzymes. PLoS Neglected Tropical Diseases, 2016, 10, e0004524.	1.3	69