

# Michelle L Hill

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9587738/publications.pdf>

Version: 2024-02-01

11  
papers

462  
citations

1039880

9  
h-index

1281743

11  
g-index

13  
all docs

13  
docs citations

13  
times ranked

862  
citing authors

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