

# John Kiappes

## List of Publications by Year in descending order

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Version: 2024-02-01

14  
papers

449  
citations

840776

11  
h-index

1199594

12  
g-index

16  
all docs

16  
docs citations

16  
times ranked

686  
citing authors

#	ARTICLE	IF	CITATIONS
1	Iminosugars Inhibit Dengue Virus Production via Inhibition of ER Alpha-Glucosidases Not Glycolipid Processing Enzymes. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004524.	3.0	69
2	Assessing Antigen Structural Integrity through Glycosylation Analysis of the SARS-CoV-2 Viral Spike. <i>ACS Central Science</i> , 2021, 7, 586-593.	11.3	68
3	Structures of mammalian ER $\alpha$ -glucosidase II capture the binding modes of broad-spectrum iminosugar antivirals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E4630-8.	7.1	65
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.	4.1	52
5	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.	6.4	40
6	Targeting Endoplasmic Reticulum $\alpha$ -Glucosidase I with a Single-Dose Iminosugar Treatment Protects against Lethal Influenza and Dengue Virus Infections. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 4205-4214.	6.4	37
7	ToP-DNJ, a Selective Inhibitor of Endoplasmic Reticulum $\alpha$ -Glucosidase II Exhibiting Antiflaviviral Activity. <i>ACS Chemical Biology</i> , 2018, 13, 60-65.	3.4	28
8	Synthesis of a Porphyrin-Fullerene Pinwheel. <i>Organic Letters</i> , 2008, 10, 1377-1380.	4.6	21
9	Synthesis of the Carboline Disaccharide Domain of Shishijimicin A. <i>Organic Letters</i> , 2011, 13, 3924-3927.	4.6	18
10	Isolation and SAR studies of bicyclic iminosugars from <i>Castanospermum australe</i> as glycosidase inhibitors. <i>Phytochemistry</i> , 2015, 111, 124-131.	2.9	17
11	Synthesis of Fluorescent Dye-Tagged Nanomachines for Single-Molecule Fluorescence Spectroscopy. <i>Journal of Organic Chemistry</i> , 2010, 75, 6631-6643.	3.2	15
12	Essential chemistry for biochemists. <i>Essays in Biochemistry</i> , 2017, 61, 401-427.	4.7	6
13	$\alpha$ -GLUCOSIDASE INHIBITION OF LACTONE INTERMEDIATES OF THE IMINOSUGAR DEOXYNOJIRIMYCIN. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2019, 81, .	0.4	0
14	Working It Out: Adapting Group-Based Problem Solving to the Online Environment. <i>ACS Symposium Series</i> , 0, , 93-104.	0.5	0