

John Kiappes

List of Publications by Year in descending order

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14
papers

449
citations

840776

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1199594

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all docs

16
docs citations

16
times ranked

686
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.	11.3	68
2	N-Substituted Valiolamine Derivatives as Potent Inhibitors of Endoplasmic Reticulum α -Glucosidases I and II with Antiviral Activity. Journal of Medicinal Chemistry, 2021, 64, 18010-18024.	6.4	40
3	Targeting Endoplasmic Reticulum α -Glucosidase I with a Single-Dose Iminosugar Treatment Protects against Lethal Influenza and Dengue Virus Infections. Journal of Medicinal Chemistry, 2020, 63, 4205-4214.	6.4	37
4	α -GLUCOSIDASE INHIBITION OF LACTONE INTERMEDIATES OF THE IMINOSUGAR DEOXYNOJIRIMYCIN. Jurnal Teknologi (Sciences and Engineering), 2019, 81, .	0.4	0
5	ToP-DNJ, a Selective Inhibitor of Endoplasmic Reticulum α -Glucosidase II Exhibiting Antiflaviviral Activity. ACS Chemical Biology, 2018, 13, 60-65.	3.4	28
6	Essential chemistry for biochemists. Essays in Biochemistry, 2017, 61, 401-427.	4.7	6
7	Structures of mammalian ER α -glucosidase II capture the binding modes of broad-spectrum iminosugar antivirals. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E4630-8.	7.1	65
8	Inhibition of endoplasmic reticulum glucosidases is required for in vitro and in vivo dengue antiviral activity by the iminosugar UV-4. Antiviral Research, 2016, 129, 93-98.	4.1	52
9	Iminosugars Inhibit Dengue Virus Production via Inhibition of ER Alpha-Glucosidases – Not Glycolipid Processing Enzymes. PLoS Neglected Tropical Diseases, 2016, 10, e0004524.	3.0	69
10	Isolation and SAR studies of bicyclic iminosugars from Castanospermum australe as glycosidase inhibitors. Phytochemistry, 2015, 111, 124-131.	2.9	17
11	Synthesis of the Carboline Disaccharide Domain of Shishijimicin A. Organic Letters, 2011, 13, 3924-3927.	4.6	18
12	Synthesis of Fluorescent Dye-Tagged Nanomachines for Single-Molecule Fluorescence Spectroscopy. Journal of Organic Chemistry, 2010, 75, 6631-6643.	3.2	15
13	Synthesis of a Porphyrin-Fullerene Pinwheel. Organic Letters, 2008, 10, 1377-1380.	4.6	21
14	Working It Out: Adapting Group-Based Problem Solving to the Online Environment. ACS Symposium Series, 0, , 93-104.	0.5	0