

Roger A Ashmus

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

278
citations

1039880

9
h-index

1058333

14
g-index

18
all docs

18
docs citations

18
times ranked

492
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhancing glycan isomer separations with metal ions and positive and negative polarity ion mobility spectrometry-mass spectrometry analyses. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 467-476.	1.9	78
2	Biological Roles of the O-Methyl Phosphoramidate Capsule Modification in <i>Campylobacter jejuni</i> . <i>PLoS ONE</i> , 2014, 9, e87051.	1.1	48
3	Potential use of synthetic Î±-galactosyl-containing glycotopes of the parasite <i>Trypanosoma cruzi</i> as diagnostic antigens for Chagas disease. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 5579.	1.5	37
4	Synthesis of Carbohydrate Methyl Phosphoramidates. <i>Organic Letters</i> , 2014, 16, 2518-2521.	2.4	28
5	Bicyclic Picomolar OGA Inhibitors Enable Chemoproteomic Mapping of Its Endogenous Post-translational Modifications. <i>Journal of the American Chemical Society</i> , 2022, 144, 832-844.	6.6	15
6	Purification of Glycosylphosphatidylinositol-Anchored Mucins from <i>Trypanosoma cruzi</i> Trypomastigotes and Synthesis of Î±-Gal-Containing Neoglycoproteins: Application as Biomarkers for Reliable Diagnosis and Early Assessment of Chemotherapeutic Outcomes of Chagas Disease. <i>Methods in Molecular Biology</i> , 2019, 1955, 287-308.	0.4	13
7	Quantifying lysosomal glycosidase activity within cells using bis-acetal substrates. <i>Nature Chemical Biology</i> , 2022, 18, 332-341.	3.9	11
8	A high-yielding synthesis of allyl glycosides from peracetylated glycosyl donors. <i>Carbohydrate Research</i> , 2012, 357, 147-150.	1.1	9
9	<i>De Novo</i> Asymmetric Synthesis of a 6-O-Methyl-glycero-glucopyranose-Derived Thioglycoside for the Preparation of <i>Campylobacter jejuni</i> NCTC11168 Capsular Polysaccharide Fragments. <i>Journal of Organic Chemistry</i> , 2016, 81, 3058-3063.	1.7	9
10	Anti-Î±-Gal antibodies detected by novel neoglycoproteins as a diagnostic tool for Old World cutaneous leishmaniasis caused by <i>Leishmania major</i> . <i>Parasitology</i> , 2018, 145, 1758-1764.	0.7	8
11	Reversed Immunoglycomics Identifies Î±-Galactosyl-Bearing Glycotopes Specific for <i>Leishmania major</i>. <i>Jacs Au</i> , 2021, 1, 1275-1287.	3.6	7
12	Fluorescence-Quenched Substrates for Quantitative Live Cell Imaging of Glucocerebrosidase Activity. <i>Methods in Enzymology</i> , 2018, 598, 199-215.	0.4	5
13	sp ² -Iminosugars targeting human lysosomal Î²-hexosaminidase as pharmacological chaperone candidates for late-onset Tay-Sachs disease. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2022, 37, 1364-1374.	2.5	5
14	Probing for <i>Trypanosoma cruzi</i> Cell Surface Glycobiomarkers for the Diagnosis and Follow-Up of Chemotherapy of Chagas Disease. , 2018, , 195-211.		4
15	Rational design of cell active C2-modified DGJ analogues for the inhibition of human Î±-galactosidase A (GALA). <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 8057-8062.	1.5	1
16	An Oxidation-Àmidation Approach for the Synthesis of Glycuronamides. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 2653-2664.	1.2	0