

Michael D Rugen

List of Publications by Year in descending order

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9
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218
citing authors

#	ARTICLE	IF	CITATIONS
1	Glycans as Modulators of Plant Defense Against Filamentous Pathogens. <i>Frontiers in Plant Science</i> , 2018, 9, 928.	1.7	50
2	Revisiting the Language of Glycoscience: Readers, Writers and Erasers in Carbohydrate Biochemistry. <i>ChemBioChem</i> , 2020, 21, 423-427.	1.3	24
3	Theoretical and experimental approaches to understand the biosynthesis of starch granules in a physiological context. <i>Photosynthesis Research</i> , 2020, 145, 55-70.	1.6	13
4	Confirmation of a Protein-Protein Interaction in the Pantothenate Biosynthetic Pathway by Using Sortase-Mediated Labelling. <i>ChemBioChem</i> , 2016, 17, 753-758.	1.3	10
5	Formation of a heterooctameric complex between aspartate β -decarboxylase and its cognate activating factor, PanZ, is CoA-dependent. <i>Biochemical and Biophysical Research Communications</i> , 2012, 426, 350-355.	1.0	8
6	CuAAC click chemistry with N-propargyl 1,5-dideoxy-1,5-imino-D-gulitol and N-propargyl 1,6-dideoxy-1,6-imino-D-mannitol provides access to triazole-linked piperidine and azepane pseudo-disaccharide iminosugars displaying glycosidase inhibitory properties. <i>Carbohydrate Research</i> , 2016, 429, 29-37.	1.1	8
7	Iminosugar inhibitors of carbohydrate-active enzymes that underpin cereal grain germination and endosperm metabolism. <i>Biochemical Society Transactions</i> , 2016, 44, 159-165.	1.6	8
8	A chemical genetic screen reveals that iminosugar inhibitors of plant glucosylceramide synthase inhibit root growth in <i>Arabidopsis</i> and cereals. <i>Scientific Reports</i> , 2018, 8, 16421.	1.6	4
9	High-Throughput In Vitro Screening for Inhibitors of Cereal β -Glucosidase. <i>Methods in Molecular Biology</i> , 2018, 1795, 101-115.	0.4	1