

Ryan P Sweeney

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

127
citations

1478505

6
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

212
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of the <i>Campylobacter jejuni</i> 81-176 Strain Capsular Polysaccharide Repeating Unit Reveals the Absolute Configuration of its O-Methyl Phosphoramidate Motif. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 15592-15596.	13.8	28
2	A bifunctional O-antigen polymerase structure reveals a new glycosyltransferase family. <i>Nature Chemical Biology</i> , 2020, 16, 450-457.	8.0	26
3	<i>Klebsiella pneumoniae</i> O1 and O2ac antigens provide prototypes for an unusual strategy for polysaccharide antigen diversification. <i>Journal of Biological Chemistry</i> , 2019, 294, 10863-10876.	3.4	20
4	New insights into lipopolysaccharide assembly and export. <i>Current Opinion in Chemical Biology</i> , 2019, 53, 37-43.	6.1	18
5	Stereocontrolled Synthesis of 2-Deoxy-galactopyranosides via Isopropylidene-Protected 6-O-Silylated Donors. <i>Organic Letters</i> , 2018, 20, 2287-2290.	4.6	13
6	Synthesis of the <i>Campylobacter jejuni</i> 81-176 Strain Capsular Polysaccharide Repeating Unit Reveals the Absolute Configuration of its O-Methyl Phosphoramidate Motif. <i>Angewandte Chemie</i> , 2018, 130, 15818-15822.	2.0	7
7	Glycosylation With Furanosides. , 2021, , 267-285.		5
8	The LPG1x family from <i>Leishmania major</i> is constituted of rare eukaryotic galactofuranosyltransferases with unprecedented catalytic properties. <i>Scientific Reports</i> , 2018, 8, 17566.	3.3	4
9	A Route to Polyprenol Pyrophosphate-Based Probes of O-Polysaccharide Biosynthesis in <i>Klebsiella pneumoniae</i> O2a. <i>Organic Letters</i> , 2019, 21, 1050-1053.	4.6	4
10	Development of an active site titration reagent for α -amylases. <i>Chemical Science</i> , 2021, 12, 683-687.	7.4	2