

Kazunobu Toshima

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

245
citations

1040056

9
h-index

996975

15
g-index

17
all docs

17
docs citations

17
times ranked

175
citing authors

#	ARTICLE	IF	CITATIONS
1	Regio- and stereoselective Î²-mannosylation using a boronic acid catalyst and its application in the synthesis of a tetrasaccharide repeating unit of lipopolysaccharide derived from <i>E. coli</i> O75. <i>Chemical Communications</i> , 2017, 53, 3018-3021.	4.1	66
2	Stereospecific Î²-Rhamnopyranosylation through an S _N 1-Type Mechanism by Using Organoboron Reagents. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 13858-13862.	13.8	51
3	Diastereoselective desymmetric 1,2-cis-glycosylation of meso-diols via chirality transfer from a glycosyl donor. <i>Nature Communications</i> , 2020, 11, 2431.	12.8	24
4	Diboron-Catalyzed Regio- and 1,2-cis-Î±-Stereoselective Glycosylation of <i>trans</i> -1,2-Diols. <i>Journal of Organic Chemistry</i> , 2020, 85, 16254-16262.	3.2	19
5	Stereospecific Î²-Rhamnopyranosylation through an S _N 1-Type Mechanism by Using Organoboron Reagents. <i>Angewandte Chemie</i> , 2018, 130, 14054-14058.	2.0	13
6	Photo-induced glycosylation using a diaryldisulfide as an organo-Lewis photoacid catalyst. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 851-855.	2.8	11
7	Total Synthesis of Terpioside B. <i>Chemistry - A European Journal</i> , 2020, 26, 10222-10225.	3.3	11
8	Novel hemagglutinin-binding sulfated oligofucosides and their effect on influenza virus infection. <i>Chemical Communications</i> , 2018, 54, 7467-7470.	4.1	10
9	Synthesis of a Pentasaccharide Repeating Unit of Lipopolysaccharide Derived from Virulent <i>E. coli</i> O1 and Identification of a Glycotope Candidate of Avian Pathogenic <i>E. coli</i> O1. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 1789-1796.	13.8	9
10	Synthesis of low-molecular weight fucoidan derivatives and their binding abilities to SARS-CoV-2 spike proteins. <i>RSC Medicinal Chemistry</i> , 2021, 12, 2016-2021.	3.9	9
11	Self-Assembling Properties and Recovery Effects on Damaged Skin Cells of Chemically Synthesized Mannosylerythritol Lipids. <i>ChemBioChem</i> , 2022, 23, .	2.6	9
12	Hypocrellin B-based activatable photosensitizers for specific photodynamic effects against high H ₂ O ₂ -expressing cancer cells. <i>Chemical Communications</i> , 2021, 58, 242-245.	4.1	5
13	An anthraquinone enzyme-peptide hybrid as a photo-switchable enzyme. <i>Chemical Communications</i> , 2018, 54, 10614-10617.	4.1	3
14	Phenylquinoline Sugar Hybrids as Photoswitchable Î±-Glucosidase Inhibitors. <i>Chemistry - an Asian Journal</i> , 2019, 14, 1409-1412.	3.3	3
15	Synthesis of a Pentasaccharide Repeating Unit of Lipopolysaccharide Derived from Virulent <i>E. coli</i> O1 and Identification of a Glycotope Candidate of Avian Pathogenic <i>E. coli</i> O1. <i>Angewandte Chemie</i> , 2021, 133, 1817-1824.	2.0	2
16	InnenrÃ¼cktitelbild: Synthesis of a Pentasaccharide Repeating Unit of Lipopolysaccharide Derived from Virulent <i>E. coli</i> O1 and Identification of a Glycotope Candidate of Avian Pathogenic <i>E. coli</i> O1 (Angew. Chem. 4/2021). <i>Angewandte Chemie</i> , 2021, 133, 2195-2195.	2.0	0