MichaÃ«l Bosco

List of Publications by Year
in descending order

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23	293	933447	888059
papers	citations	10 h-index	17 g-index

25	25	25	496
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Stereoselective Glycal Fluorophosphorylation: Synthesis of ADPâ€2â€fluoroheptose, an Inhibitor of the LPS Biosynthesis. Chemistry - A European Journal, 2008, 14, 9530-9539.	3.3	40
2	Systematic Synthesis of Inhibitors of the Two First Enzymes of the Bacterial Heptose Biosynthetic Pathway: Towards Antivirulence Molecules Targeting Lipopolysaccharide Biosynthesis. Chemistry - A European Journal, 2011, 17, 11305-11313.	3.3	40
3	Lewisâ€Acidic Polyoxometalates as Reusable Catalysts for the Synthesis of Glucuronic Acid Esters under Microwave Irradiation. ChemSusChem, 2010, 3, 1249-1252.	6.8	28
4	A new concise synthesis of nectrisine and its facile conversion to phosphonoazasugars. Tetrahedron Letters, 2001, 42, 7949-7952.	1.4	27
5	Synthesis of 2â€²,3â€²-dihydrosolanesyl analogues of Î²-d-arabinofuranosyl-1-monophosphoryldecaprenol with promising antimycobacterial activity. Tetrahedron Letters, 2007, 48, 153-157.	1.4	22
6	Amphipol-Mediated Screening of Molecular Orthoses Specific for Membrane Protein Targets. Journal of Membrane Biology, 2014, 247, 925-940.	2.1	22
7	The Disordered Region of the HCV Protein NS5A: Conformational Dynamics, SH3 Binding, and Phosphorylation. Biophysical Journal, 2015, 109, 1483-1496.	0.5	19
8	Synthesis of sugar-derived phostones by activation of Î³-hydroxyphosphonic acids. Tetrahedron Letters, 2003, 44, 2347-2349.	1.4	12
9	Amphipols and Photosynthetic Light-Harvesting Pigment-Protein Complexes. Journal of Membrane Biology, 2014, 247, 1031-1041.	2.1	11
10	Synthesis and biological evaluation of chemical tools for the study of Dolichol Linked Oligosaccharide Diphosphatase (DLODP). European Journal of Medicinal Chemistry, 2017, 125, 952-964.	5.5	11
11	6-Azido d-galactose transfer to N-acetyl-d-glucosamine derivative using commercially available Î²-1,4-galactosyltransferase. Tetrahedron Letters, 2008, 49, 2294-2297.	1.4	10
12	Fast synthesis of uronamides by non-catalyzed opening of glucopyranurono-6,1-lactone with amines, amino acids, and aminosugars. Tetrahedron Letters, 2010, 51, 2553-2556.	1.4	10
13	Demonstration of an oligosaccharide-diphosphodolichol diphosphatase activity whose subcellular localization is different than those of dolichyl-phosphate-dependent enzymes of the dolichol cycle. Journal of Lipid Research, 2016, 57, 1029-1042.	4.2	10
14	Structureâ€“efficiency relationships of cyclodextrin scavengers in the hydrolytic degradation of organophosphorus compounds. Beilstein Journal of Organic Chemistry, 2017, 13, 417-427.	2.2	10
15	Biotinylated non-ionic amphipols for GPCR ligands screening. Methods, 2020, 180, 69-78.	3.8	6
16	Brefeldin A promotes the appearance of oligosaccharyl phosphates derived from Glc3Man9GlcNAc2-PP-dolichol within the endomembrane system of HepG2 cells. Journal of Lipid Research, 2016, 57, 1477-1491.	4.2	5
17	One-pot microwave-assisted substitution of a glucuronan trisaccharide. Comptes Rendus Chimie, 2011, 14, 307-312.	0.5	3
18	Synthesis, biological evaluation and molecular modeling of urea-containing MraY inhibitors. Organic and Biomolecular Chemistry, 2021, 19, 5844-5866.	2.8	3

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19	Bacterial Lipid II Analogs: Novel In Vitro Substrates for Mammalian Oligosaccharyl Diphosphodolichol Diphosphatase (DLODP) Activities. Molecules, 2019, 24, 2135.	3.8	1
20	Synthetic Route to Glycosyl Î²-1C-(phosphino)-phosphonates as Unprecedented Stable Glycosyl Diphosphate Analogs and Their Preliminary Biological Evaluation. Molecules, 2020, 25, 4969.	3.8	1
21	Gd3+ Complexes Conjugated to Cyclodextrins: Hydroxyl Functions Influence the Relaxation Properties. Processes, 2021, 9, 269.	2.8	1
22	A Sub-Micromolar MraYAA Inhibitor with an Aminoribosyl Uridine Structure and a (S,S)-Tartaric Diamide: Synthesis, Biological Evaluation and Molecular Modeling. Molecules, 2022, 27, 1769.	3.8	1
23	Synthesis of Sugar-Derived Phostones by Activation of Î³-Hydroxyphosphonic Acids.. ChemInform, 2003, 34, no.	0.0	0