

# Michaël Bosco

## List of Publications by Year in descending order

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23  
papers

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citations

933447

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888059

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25  
docs citations

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times ranked

496  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Sub-Micromolar MraYAA Inhibitor with an Aminoribosyl Uridine Structure and a (S,S)-Tartaric Diamide: Synthesis, Biological Evaluation and Molecular Modeling. <i>Molecules</i> , 2022, 27, 1769.	3.8	1
2	Synthesis, biological evaluation and molecular modeling of urea-containing MraY inhibitors. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 5844-5866.	2.8	3
3	Gd <sup>3+</sup> Complexes Conjugated to Cyclodextrins: Hydroxyl Functions Influence the Relaxation Properties. <i>Processes</i> , 2021, 9, 269.	2.8	1
4	Synthetic Route to Glycosyl 1,2-C-(phosphino)-phosphonates as Unprecedented Stable Glycosyl Diphosphate Analogs and Their Preliminary Biological Evaluation. <i>Molecules</i> , 2020, 25, 4969.	3.8	1
5	Biotinylated non-ionic amphipols for GPCR ligands screening. <i>Methods</i> , 2020, 180, 69-78.	3.8	6
6	Bacterial Lipid II Analogs: Novel In Vitro Substrates for Mammalian Oligosaccharyl Diphosphodolichol Diphosphatase (DLODP) Activities. <i>Molecules</i> , 2019, 24, 2135.	3.8	1
7	Synthesis and biological evaluation of chemical tools for the study of Dolichol Linked Oligosaccharide Diphosphatase (DLODP). <i>European Journal of Medicinal Chemistry</i> , 2017, 125, 952-964.	5.5	11
8	Structure–efficiency relationships of cyclodextrin scavengers in the hydrolytic degradation of organophosphorus compounds. <i>Beilstein Journal of Organic Chemistry</i> , 2017, 13, 417-427.	2.2	10
9	Brefeldin A promotes the appearance of oligosaccharyl phosphates derived from Glc3Man9GlcNAc2-PP-dolichol within the endomembrane system of HepG2 cells. <i>Journal of Lipid Research</i> , 2016, 57, 1477-1491.	4.2	5
10	Demonstration of an oligosaccharide-diphosphodolichol diphosphatase activity whose subcellular localization is different than those of dolichyl-phosphate-dependent enzymes of the dolichol cycle. <i>Journal of Lipid Research</i> , 2016, 57, 1029-1042.	4.2	10
11	The Disordered Region of the HCV Protein NS5A: Conformational Dynamics, SH3 Binding, and Phosphorylation. <i>Biophysical Journal</i> , 2015, 109, 1483-1496.	0.5	19
12	Amphipols and Photosynthetic Light-Harvesting Pigment-Protein Complexes. <i>Journal of Membrane Biology</i> , 2014, 247, 1031-1041.	2.1	11
13	Amphipol-Mediated Screening of Molecular Orthoses Specific for Membrane Protein Targets. <i>Journal of Membrane Biology</i> , 2014, 247, 925-940.	2.1	22
14	Systematic Synthesis of Inhibitors of the Two First Enzymes of the Bacterial Heptose Biosynthetic Pathway: Towards Antivirulence Molecules Targeting Lipopolysaccharide Biosynthesis. <i>Chemistry - A European Journal</i> , 2011, 17, 11305-11313.	3.3	40
15	One-pot microwave-assisted substitution of a glucuronan trisaccharide. <i>Comptes Rendus Chimie</i> , 2011, 14, 307-312.	0.5	3
16	Lewis Acidic Polyoxometalates as Reusable Catalysts for the Synthesis of Glucuronic Acid Esters under Microwave Irradiation. <i>ChemSusChem</i> , 2010, 3, 1249-1252.	6.8	28
17	Fast synthesis of uronamides by non-catalyzed opening of glucopyranurono-6,1-lactone with amines, amino acids, and aminosugars. <i>Tetrahedron Letters</i> , 2010, 51, 2553-2556.	1.4	10
18	Stereoselective Glycal Fluorophosphorylation: Synthesis of ADP-2-Fluoroheptose, an Inhibitor of the LPS Biosynthesis. <i>Chemistry - A European Journal</i> , 2008, 14, 9530-9539.	3.3	40

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19	6-Azido d-galactose transfer to N-acetyl-d-glucosamine derivative using commercially available $\beta$ -1,4-galactosyltransferase. Tetrahedron Letters, 2008, 49, 2294-2297.	1.4	10
20	Synthesis of 2,3-dihydrosolanosyl analogues of $\beta$ -d-arabinofuranosyl-1-monophosphoryldecaprenol with promising antimycobacterial activity. Tetrahedron Letters, 2007, 48, 153-157.	1.4	22
21	Synthesis of Sugar-Derived Phostones by Activation of $\beta$ -3-Hydroxyphosphonic Acids.. ChemInform, 2003, 34, no.	0.0	0
22	Synthesis of sugar-derived phostones by activation of $\beta$ -3-hydroxyphosphonic acids. Tetrahedron Letters, 2003, 44, 2347-2349.	1.4	12
23	A new concise synthesis of nectrisine and its facile conversion to phosphonoazasugars. Tetrahedron Letters, 2001, 42, 7949-7952.	1.4	27