

Richard Plantier-Royon

List of Publications by Year in descending order

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papers

360
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840776

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#	ARTICLE	IF	CITATIONS
1	Diastereoselective Synthesis of Axially Chiral Xylose-Derived 1,3-Disubstituted Alkoxyallenes: Scope, Structure, and Mechanism. <i>Journal of Organic Chemistry</i> , 2020, 85, 10681-10694.	3.2	6
2	Synthesis of 2-Substituted Thioglycols from Carbohydrate-Derived Ketene Dithioacetals. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 3063-3070.	2.4	1
3	Synthesis and glycosidase inhibition potency of all-trans substituted 1-C-perfluoroalkyl iminosugars. <i>Carbohydrate Research</i> , 2018, 464, 2-7.	2.3	14
4	Î ² -Xylopyranosides: synthesis and applications. <i>RSC Advances</i> , 2015, 5, 91026-91055.	3.6	24
5	Perfluoroalkylation of Nitrones for the Synthesis of a Series of Fucosidase Inhibitors. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 1198-1202.	2.4	11
6	Synthesis of 2-carboxymethyl polyhydroxyazepanes and their evaluation as glycosidase inhibitors. <i>Bioorganic Chemistry</i> , 2015, 58, 11-17.	4.1	11
7	Chemoenzymatic synthesis of α-xylosides and xylobiosides from lignocellulosic biomass. <i>RSC Advances</i> , 2014, 4, 9330.	3.6	8
8	Convenient strategy for the synthesis of highly functionalizable hydroxylated unsaturated azepanes. <i>Tetrahedron Letters</i> , 2012, 53, 4440-4443.	1.4	10
9	Convenient Synthesis of a Galacturonic Acid Based Macrocyclic with Potential Copper-Complexation Ability. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 817-823.	2.4	32
10	Enzymatic synthesis of alkyl Î ² -d-xylosides and oligoxylosides from xylans and from hydrothermally pretreated wheat bran. <i>Green Chemistry</i> , 2011, 13, 2380.	9.0	42
11	Thermodynamic, spectroscopic studies and catechol oxidase activity of copper (II) complexes with amphiphilic d-galacturonic acid derived ligands. <i>Inorganica Chimica Acta</i> , 2011, 366, 310-319.	2.4	11
12	Synthesis, physico-chemical properties and complexing abilities of new amphiphilic ligands from d-galacturonic acid. <i>Carbohydrate Research</i> , 2010, 345, 731-739.	2.3	16
13	Synthesis of d- and l-erythro 1,5-dithiopent-1-enopyranoside sulfonium salts and their evaluation as glycosidase inhibitors. <i>Tetrahedron: Asymmetry</i> , 2009, 20, 2038-2042.	1.8	4
14	The spirocyclopropyl moiety as a methyl surrogate in the structure of l-fucosidase and l-rhamnosidase inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 8020-8026.	3.0	34
15	A Straightforward and General Strategy Towards 1,5-Dithio-1-enopyranosides. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 3529-3534.	2.4	8
16	Spirocyclopropyl pyrrolidines as a new series of Î ² -l-fucosidase inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 4047-4054.	3.0	49
17	Ti-Mediated Synthesis of Aminocyclopropyl-Substituted Carbohydrates. <i>European Journal of Organic Chemistry</i> , 2005, 2005, 5084-5088.	2.4	17
18	Synthesis of functionalized bis-amides of L-(+)-tartaric acid and application as copper (II) ligands. <i>Comptes Rendus Chimie</i> , 2004, 7, 119-123.	0.5	6

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19	C-Difluoromethylene-containing, C-trifluoromethyl and C-perfluoroalkyl carbohydrates. Synthesis by carbohydrate transformation or building block methods. Carbohydrate Research, 2000, 327, 119-146.	2.3	56