Richard Plantier-Royon

List of Publications by Year
in descending order

19	360	840776 11	794594 19
papers	citations	h-index	g-index

21	21	21	481
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	Spirocyclopropyl pyrrolidines as a new series of Î±-l-fucosidase inhibitors. Bioorganic and Medicinal Chemistry, 2006, 14, 4047-4054.	3.0	49
3	Enzymatic synthesis of alkyl Î²-d-xylosides and oligoxylosides from xylans and from hydrothermally pretreated wheat bran. Green Chemistry, 2011, 13, 2380.	9.0	42
4	The spirocyclopropyl moiety as a methyl surrogate in the structure of l-fucosidase and l-rhamnosidase inhibitors. Bioorganic and Medicinal Chemistry, 2009, 17, 8020-8026.	3.0	34
5	Convenient Synthesis of a Galacturonic Acid Based Macrocycle with Potential Copperâ€Complexation Ability. European Journal of Organic Chemistry, 2012, 2012, 817-823.	2.4	32
6	Î²-Xylopyranosides: synthesis and applications. RSC Advances, 2015, 5, 91026-91055.	3.6	24
7	Ti-Mediated Synthesis of Aminocyclopropyl-Substituted Carbohydrates. European Journal of Organic Chemistry, 2005, 2005, 5084-5088.	2.4	17
8	Synthesis, physico-chemical properties and complexing abilities of new amphiphilic ligands from d-galacturonic acid. Carbohydrate Research, 2010, 345, 731-739.	2.3	16
9	Synthesis and glycosidase inhibition potency of all- trans substituted 1- C -perfluoroalkyl iminosugars. Carbohydrate Research, 2018, 464, 2-7.	2.3	14
10	Thermodynamic, spectroscopic studies and catechol oxidase activity of copper (II) complexes with amphiphilic d-galacturonic acid derived ligands. Inorganica Chimica Acta, 2011, 366, 310-319.	2.4	11
11	Perfluoroalkylation of Nitrones for the Synthesis of a Series of Fucosidase Inhibitors. European Journal of Organic Chemistry, 2015, 2015, 1198-1202.	2.4	11
12	Synthesis of 2-carboxymethyl polyhydroxyazepanes and their evaluation as glycosidase inhibitors. Bioorganic Chemistry, 2015, 58, 11-17.	4.1	11
13	Convenient strategy for the synthesis of highly functionalizable hydroxylated unsaturated azepanes. Tetrahedron Letters, 2012, 53, 4440-4443.	1.4	10
14	A Straightforward and General Strategy Towards 1,5â€Dithioâ€1â€enopyranosides. European Journal of Organic Chemistry, 2008, 2008, 3529-3534.	2.4	8
15	Chemoenzymatic synthesis of â€œclickâ€•xylosides and xylobiosides from lignocellulosic biomass. RSC Advances, 2014, 4, 9330.	3.6	8
16	Synthesis of functionalized bis-amides of L-(+)-tartaric acid and application as copper (II) ligands. Comptes Rendus Chimie, 2004, 7, 119-123.	0.5	6
17	Diastereoselective Synthesis of Axially Chiral Xylose-Derived 1,3-Disubstituted Alkoxyallenes: Scope, Structure, and Mechanism. Journal of Organic Chemistry, 2020, 85, 10681-10694.	3.2	6
18	Synthesis of d- and l-erythro 1,5-dithiopent-1-enopyranoside sulfonium salts and their evaluation as glycosidase inhibitors. Tetrahedron: Asymmetry, 2009, 20, 2038-2042.	1.8	4

#	Article	IF	Citations
19	Synthesis of 2â€Substituted Thioglycals from Carbohydrateâ€Derived Ketene Dithioacetals. European Journal of Organic Chemistry, 2020, 2020, 3063-3070.	2.4	1