

Carla Marino

List of Publications by Year in descending order

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46
papers

815
citations

471509

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27
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all docs

50
docs citations

50
times ranked

560
citing authors

#	ARTICLE	IF	CITATIONS
1	Deoxy sugars. General methods for carbohydrate deoxygenation and glycosidation. <i>Organic and Biomolecular Chemistry</i> , 2022, 20, 934-962.	2.8	8
2	α -Allose, a rare sugar. Synthesis of α -allopyranosyl acceptors from glucose, and their regioselectivity in glycosidation reactions. <i>Organic and Biomolecular Chemistry</i> , 2022, 20, 4589-4598.	2.8	4
3	Experimental and theoretical study of the O3/O4 regioselectivity of glycosylation reactions of glucopyranosyl acceptors. <i>Tetrahedron</i> , 2020, 76, 131719.	1.9	2
4	Defense elicitation activity of the ellagitannin HeT depends on its redox state. <i>Scientia Horticulturae</i> , 2020, 267, 109312.	3.6	3
5	Synthesis and characterization of α -d-Galp-(1 \rightarrow 3)- β -d-Galp epitope-containing neoglycoconjugates for chagas disease serodiagnosis. <i>Carbohydrate Research</i> , 2019, 478, 58-67.	2.3	10
6	Regioselectivity of glycosylation reactions of galactose acceptors: an experimental and theoretical study. <i>Beilstein Journal of Organic Chemistry</i> , 2019, 15, 2982-2989.	2.2	6
7	Exhaustive rotamer search of the 4C1 conformation of α - and β -d-galactopyranose. <i>Carbohydrate Research</i> , 2017, 448, 136-147.	2.3	8
8	Galactofuranose antigens, a target for diagnosis of fungal infections in humans. <i>Future Science OA</i> , 2017, 3, FSO199.	1.9	18
9	Synthesis of a model trisaccharide for studying the interplay between the anti α -Gal antibody and the trans-sialidase reactions in <i>Trypanosoma cruzi</i> . <i>Carbohydrate Research</i> , 2017, 450, 30-37.	2.3	8
10	Synthesis of galactofuranosyl-(1 \rightarrow 5)-thiodisaccharide glycomimetics as inhibitors of a β -galactofuranosidase. <i>RSC Advances</i> , 2015, 5, 45631-45640.	3.6	8
11	Expedient synthesis of 1,6-anhydro- α -D-galactofuranose, a useful intermediate for glycobiological tools. <i>Beilstein Journal of Organic Chemistry</i> , 2014, 10, 1651-1656.	2.2	3
12	Synthesis of α -Galactofuranose-Containing Molecules: Design of Galactofuranosyl Acceptors. <i>ChemBioChem</i> , 2014, 15, 188-204.	2.6	17
13	Synthesis of the (1 \rightarrow 6)-linked thiodisaccharide of galactofuranose: Inhibitory activity against a β -galactofuranosidase. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 3327-3333.	3.0	16
14	Synthetic tools for the characterization of galactofuranosyl transferases: glycosylations via acylated glycosyl iodides. <i>Carbohydrate Research</i> , 2013, 374, 75-81.	2.3	6
15	Synthesis of a derivative of α -D-Glcp(1 \rightarrow 2)-D-Galf suitable for further glycosylation and of α -D-Glcp(1 \rightarrow 2)-D-Gal, a disaccharide fragment obtained from varianose. <i>Beilstein Journal of Organic Chemistry</i> , 2012, 8, 2142-2148.	2.2	4
16	Synthesis of S- and C-galactofuranosides via a galactofuranosyl iodide. Isolable 1-galactofuranosylthiol derivative as a new glycosyl donor. <i>Carbohydrate Research</i> , 2012, 362, 70-78.	2.3	14
17	Synthesis and conformational analysis of 1,2-cis fused bicyclic α -d-galactofuranosyl thiocarbamate from per-O-tert-butyltrimethylsilyl- β -d-galactofuranosyl isothiocyanate. <i>Carbohydrate Research</i> , 2011, 346, 191-196.	2.3	6
18	Improved synthesis of phytanyl α -D-cellobiosyldiphosphate as substrate for α -D-mannosyltransferase. <i>Arkivoc</i> , 2011, 2011, 38-48.	0.5	0

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19	Synthesis of 5-deoxy- β -D-galactofuranosides as tools for the characterization of β -D-galactofuranosidases. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 5339-5345.	3.0	13
20	Thiodisaccharides with galactofuranose or arabinofuranose as terminal units: Synthesis and inhibitory activity of an exo β -D-galactofuranosidase. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 2703-2711.	3.0	24
21	Facile Synthesis of per-O-tert-Butyldimethylsilyl- β -D-galactofuranose and Efficient Glycosylation via the Galactofuranosyl Iodide. <i>Journal of Organic Chemistry</i> , 2009, 74, 1994-2003.	3.2	39
22	Facile synthesis of methyl α - and β -D-[6-3H]galactofuranosides from d-galacturonic acid. Substrates for the detection of galactofuranosidases. <i>Carbohydrate Research</i> , 2008, 343, 1863-1869.	2.3	16
23	Two Straightforward Strategies for the Synthesis of Thiodisaccharides with a Furanose Unit as the Nonreducing End. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 540-547.	2.4	22
24	5-Deoxy glycofuranosides by carboxyl group assisted photoinduced electron-transfer deoxygenation. <i>Tetrahedron</i> , 2008, 64, 1703-1710.	1.9	17
25	Deoxy Sugars: Occurrence and Synthesis. <i>Advances in Carbohydrate Chemistry and Biochemistry</i> , 2007, 61, 143-216.	0.9	91
26	Facile synthesis of benzyl β -D-galactofuranoside. A convenient intermediate for the synthesis of d-galactofuranose-containing molecules. <i>Carbohydrate Research</i> , 2006, 341, 2286-2289.	2.3	8
27	Photoinduced electron-transfer α -deoxygenation of aldonolactones. Efficient synthesis of 2-deoxy-d-arabino-hexono-1,4-lactone. <i>Carbohydrate Research</i> , 2006, 341, 1788-1795.	2.3	14
28	The First Chemical Synthesis of UDP[6-3H]- α -D-galactofuranose. <i>European Journal of Organic Chemistry</i> , 2005, 2005, 2958-2964.	2.4	17
29	Acids and Other Products of Oxidation of Sugars. <i>ChemInform</i> , 2004, 35, no.	0.0	0
30	Evidence for exo β -D-galactofuranosidase in <i>Trypanosoma cruzi</i> . <i>Molecular and Biochemical Parasitology</i> , 2003, 127, 85-88.	1.1	19
31	ACIDS AND OTHER PRODUCTS OF OXIDATION OF SUGARS. <i>Advances in Carbohydrate Chemistry and Biochemistry</i> , 2003, 58, 199-306.	0.9	26
32	Specific Tritium Labeling of β -Galactofuranosides at the 6-Position: A Tool for β -Galactofuranosidase Detection. <i>Analytical Biochemistry</i> , 2002, 301, 325-328.	2.4	14
33	Influence of exo β -D-galactofuranosidase inhibitors in cultures of <i>Penicillium fellutanum</i> and modifications in hyphal cell structure. <i>Carbohydrate Research</i> , 2002, 337, 891-897.	2.3	9
34	Photoinduced electron transfer and chemical α -deoxygenation of d-galactono-1,4-lactone. Synthesis of 2-deoxy-d-lyxo-hexofuranosides. <i>Carbohydrate Research</i> , 2002, 337, 2119-2126.	2.3	16
35	Synthesis of β -D-galactofuranosyl nucleoside analogues. A new type of β -D-galactofuranosidase inhibitor. <i>Carbohydrate Research</i> , 2001, 333, 123-128.	2.3	17
36	Immobilized 4-aminophenyl 1-thio- β -D-galactofuranoside as a matrix for affinity purification of an exo- β -D-galactofuranosidase. <i>Carbohydrate Research</i> , 1999, 320, 176-182.	2.3	24

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37	Synthesis of 4-nitrophenyl β -D-fucofuranoside and β -D-fucofuranosyl-(1 \rightarrow 3)-D-mannopyranose: modified substrates for studies on catalytic requirements of β -D-galactofuranosidase. Carbohydrate Research, 1999, 323, 7-13.	2.3	20
38	The glycosyl-aldonolactone approach for the synthesis of β -D-Galf-(1 \rightarrow 3)-D-Manp and 3-deoxy- β -D-xylo-hexofuranosyl-(1 \rightarrow 3)-D-Manp. Carbohydrate Research, 1998, 311, 183-189.	2.3	23
39	1-Thio- β -D-galactofuranosides: synthesis and evaluation as β -D-galactofuranosidase inhibitors. Glycobiology, 1998, 8, 901-904.	2.5	50
40	Reactions of per-O-benzoyl- β -D-Galf isothiocyanate, a chiral resolving agent. Tetrahedron, 1997, 53, 16009-16016.	1.9	16
41	Facile synthesis of glycofuranosyl isothiocyanates. Carbohydrate Research, 1997, 304, 257-260.	2.3	20
42	Synthesis of 4-methylcoumarin-7-yl β -D-galactofuranoside, a fluorogenic substrate for galactofuranosidase. Carbohydrate Research, 1995, 276, 209-213.	2.3	10
43	Benzoylated hexa-2,4-dien-4-olides from aldono-1,4-lactones: Stereoselective synthesis of dideoxyaldonolactone derivatives. Carbohydrate Research, 1991, 220, 145-153.	2.3	10
44	Convenient syntheses of 5-O- and 3,5-di-O-(β -D-galactofuranosyl)-D-galactofuranose. Carbohydrate Research, 1990, 200, 227-235.	2.3	34
45	Synthesis of galactofuranose disaccharides of biological significance. Carbohydrate Research, 1989, 190, 65-76.	2.3	59
46	Synthesis of p-nitrophenyl β -D-galactofuranoside. A convenient substrate for β -D-galactofuranosidase. Carbohydrate Research, 1986, 155, 247-251.	2.3	46