Rosa M De Lederkremer

List of Publications by Year
in descending order

32 papers	956 citations	471509 17 h-index	434195 31 g-index
32 all docs	32 docs citations	32 times ranked	683 citing authors

#	Article	IF	Citations
1	trans-Sialylation: a strategy used to incorporate sialic acid into oligosaccharides. RSC Chemical Biology, 2022, 3, 121-139.	4.1	7
2	The Glycan Structure of T. cruzi mucins Depends on the Host. Insights on the Chameleonic Galactose. Molecules, 2020, 25, 3913.	3.8	13
3	Synthesis of the hexasaccharide from Trypanosoma cruzi mucins with the Galp(1â€¯â†’â€¯2)Galf unit constructed with a superarmed thiogalactopyranosyl donor. Carbohydrate Research, 2019, 482, 107734.	2.3	2
4	Trypanosoma cruzi surface mucins are involved in the attachment to the Triatoma infestans rectal ampoule. PLoS Neglected Tropical Diseases, 2019, 13, e0007418.	3.0	20
5	Trypanosoma cruzi trans-sialidase. A tool for the synthesis of sialylated oligosaccharides. Carbohydrate Research, 2019, 479, 48-58.	2.3	7
6	Synthesis and characterization of Îą-d-Galp-(1â€¯â†’â€¯3)-Îē-d-Galp epitope-containing neoglycoconjugates for chagas disease serodiagnosis. Carbohydrate Research, 2019, 478, 58-67.	2.3	10
7	Galactofuranose antigens, a target for diagnosis of fungal infections in humans. Future Science OA, 2017, 3, FSO199.	1.9	18
8	Synthesis of a model trisaccharide for studying the interplay between the anti Îą-Gal antibody and the trans-sialidase reactions in Trypanosoma cruzi. Carbohydrate Research, 2017, 450, 30-37.	2.3	8
9	Multivalent sialylation of Îē-thio-glycoclusters by Trypanosoma cruzi trans sialidase and analysis by high performance anion exchange chromatography. Glycoconjugate Journal, 2016, 33, 809-818.	2.7	7
10	Synthesis of the O-linked hexasaccharide containing Îē-d-Galp-(1â†’2)-d-Galf in Trypanosoma cruzi mucins. Differences on sialylation by trans-sialidase of the two constituent hexasaccharides. Bioorganic and Medicinal Chemistry, 2015, 23, 1213-1222.	3.0	12
11	Synthesis of divalent ligands of Îē-thio- and Îē-N-galactopyranosides and related lactosides and their evaluation as substrates and inhibitors of Trypanosoma cruzi trans-sialidase. Beilstein Journal of Organic Chemistry, 2014, 10, 3073-3086.	2.2	15
12	Improved bioavailability of inhibitors of Trypanosoma cruzi trans-sialidase: PEGylation of lactose analogs with multiarm polyethyleneglycol. Glycobiology, 2012, 22, 1363-1373.	2.5	9
13	Synthesis of the O-linked hexasaccharide containing Îē-d-Galf-(1â†’2)-Îē-d-Galf in Trypanosoma cruzi mucins. Organic and Biomolecular Chemistry, 2012, 10, 6322.	2.8	20
14	Trans-sialidase and mucins of Trypanosoma cruzi: an important interplay for the parasite. Carbohydrate Research, 2011, 346, 1389-1393.	2.3	74
15	Synthesis of PEGylated lactose analogs for inhibition studies on T.cruzi trans-sialidase. Glycoconjugate Journal, 2010, 27, 549-559.	2.7	20
16	Synthesis of trisaccharides containing internal galactofuranose O-linked in Trypanosoma cruzi mucins. Carbohydrate Research, 2010, 345, 385-396.	2.3	26
17	Continuous nonradioactive method for screening trypanosomal trans-sialidase activity and its inhibitors. Glycobiology, 2010, 20, 982-990.	2.5	11
18	Chapter 7 Glycobiology of Trypanosoma cruzi. Advances in Carbohydrate Chemistry and Biochemistry, 2009, 62, 311-366.	0.9	79

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19	Comparative rates of sialylation by recombinant trans-sialidase and inhibitor properties of synthetic oligosaccharides from Trypanosoma cruzi mucins-containing galactofuranose and galactopyranose. Bioorganic and Medicinal Chemistry, 2007, 15, 2611-2616.	3.0	35
20	The trans-sialidase from Trypanosoma cruzi efficiently transfers Î±-(2â†'3)-linked N-glycolylneuraminic acid to terminal Î²-galactosyl units. Carbohydrate Research, 2007, 342, 2465-2469.	2.3	21
21	Synthesis of the O-linked pentasaccharide in glycoproteins of Trypanosoma cruzi and selective sialylation by recombinant trans-sialidase. Carbohydrate Research, 2006, 341, 1488-1497.	2.3	31
22	Selective sialylation of 2,3-di-O-(Î²-d-galactopyranosyl)-d-galactose catalyzed by Trypanosoma cruzi trans-sialidase. Tetrahedron: Asymmetry, 2005, 16, 541-551.	1.8	16
23	The First Chemical Synthesis of UDP[6-3H]-Î±-D-galactofuranose. European Journal of Organic Chemistry, 2005, 2005, 2958-2964.	2.4	17
24	Lactose derivatives are inhibitors of Trypanosoma cruzi trans-sialidase activity toward conventional substrates in vitro and in vivo. Glycobiology, 2004, 14, 659-670.	2.5	67
25	Evidence for exo Î²-d-galactofuranosidase in Trypanosoma cruzi. Molecular and Biochemical Parasitology, 2003, 127, 85-88.	1.1	19
26	Synthesis of Î²-d-Galp-(1â†'3)-Î²-d-Galp-(1â†'6)-[Î²-d-Galf-(1â†'4)]-d-GlcNAc, a tetrasaccharide component of mucins of Trypanosoma cruzi. Tetrahedron, 2002, 58, 9373-9380.	1.9	25
27	Influence of exo Î²-d-galactofuranosidase inhibitors in cultures of Penicillium fellutanum and modifications in hyphal cell structure. Carbohydrate Research, 2002, 337, 891-897.	2.3	9
28	Separation of GalfÎ²1â†'XGlcNAc and GalpÎ²1â†'XGlcNAc (X = 3, 4, and 6) as the Alditols by High-pH Anion-Exchange Chromatography and Thin-Layer Chromatography: Characterization of Mucins from Trypanosoma cruzi. Analytical Biochemistry, 2000, 279, 79-84.	2.4	32
29	Trypanosoma cruzi Surface Mucins with Exposed Variant Epitopes. Journal of Biological Chemistry, 2000, 275, 27671-27680.	3.4	48
30	One-pot synthesis of Î²-d-Gal›(1 â†' 4)[Î²-d-Galp(1 â†' 6)]-d-GlcNAc, a â€˜coreâ€™ trisaccharide linked O-glycosidically in glycoproteins of Trypanosoma cruzi. Carbohydrate Research, 1997, 305, 163-170.	2.3	40
31	First Synthesis of Î²-d-Galf(1â†'4)GlcNAc, a Structural Unit AttachedO-Glycosidically in Glycoproteins ofTrypanosoma cruzi. Journal of Organic Chemistry, 1996, 61, 1886-1889.	3.2	46
32	Galactofuranose-containing glycoconjugates in trypanosomatids. Glycobiology, 1995, 5, 547-552.	2.5	192