

Carola Gallo-Rodriguez

List of Publications by Year in descending order

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37
papers

1,574
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331670

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38
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docs citations

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1067
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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Structure-Activity Relationships of N6-Benzyladenosine-5'-uronamides as A3-Selective Adenosine Agonists. <i>Journal of Medicinal Chemistry</i> , 1994, 37, 636-646. | 6.4 | 248 |
| 2 | 8-(3-Chlorostyryl)caffeine (CSC) is a selective A2 -adenosine antagonist in vitro and in vivo. <i>FEBS Letters</i> , 1993, 323, 141-144. | 2.8 | 158 |
| 3 | Structure-activity relationships of 8-styrylxanthines as A2-selective adenosine antagonists. <i>Journal of Medicinal Chemistry</i> , 1993, 36, 1333-1342. | 6.4 | 151 |
| 4 | A role for central A3-adenosine receptors. <i>FEBS Letters</i> , 1993, 336, 57-60. | 2.8 | 145 |
| 5 | The Role of the Phosphorus Atom in Drug Design. <i>ChemMedChem</i> , 2019, 14, 190-216. | 3.2 | 113 |
| 6 | Effect of trifluoromethyl and other substituents on activity of xanthines at adenosine receptors. <i>Journal of Medicinal Chemistry</i> , 1993, 36, 2639-2644. | 6.4 | 50 |
| 7 | First Synthesis of Î²-d-Galp(1âˆ´4)GlcNAc, a Structural Unit Attached O-Glycosidically in Glycoproteins of <i>Trypanosoma cruzi</i> . <i>Journal of Organic Chemistry</i> , 1996, 61, 1886-1889. | 3.2 | 46 |
| 8 | Stimulation by Alkylxanthines of Chloride Efflux in CFPAC-1 Cells Does Not Involve A1 Adenosine Receptors. <i>Biochemistry</i> , 1995, 34, 9088-9094. | 2.5 | 40 |
| 9 | One-pot synthesis of Î²-d-Gal(1âˆ´4)[Î²-d-Galp(1âˆ´6)]-d-GlcNAc, a "core"™ trisaccharide linked O-glycosidically in glycoproteins of <i>Trypanosoma cruzi</i> . <i>Carbohydrate Research</i> , 1997, 305, 163-170. | 2.3 | 40 |
| 10 | Syntheses of Î²-d-Galp-(1âˆ´6)-Î²-d-Galp-(1âˆ´5)-d-Galf and Î²-d-Galp-(1âˆ´5)-Î²-d-Galp-(1âˆ´6)-d-Galf, Trisaccharide Units in the Galactan of <i>Mycobacterium tuberculosis</i> . <i>Journal of Organic Chemistry</i> , 2003, 68, 6928-6934. | 3.2 | 37 |
| 11 | Synthesis of Î±-d-Galp-(1âˆ´3)-Î²-d-Galp-(1âˆ´3)-d-Man, a Terminal Trisaccharide of <i>Leishmania</i> Type-2 Glycoinositolphospholipids. <i>Journal of Organic Chemistry</i> , 2002, 67, 4430-4435. | 3.2 | 36 |
| 12 | Comparative rates of sialylation by recombinant trans-sialidase and inhibitor properties of synthetic oligosaccharides from <i>Trypanosoma cruzi</i> mucins-containing galactofuranose and galactopyranose. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 2611-2616. | 3.0 | 35 |
| 13 | Synthesis of Î²-d-Galp-(1âˆ´3)-d-GlcNAc by the Trichloroacetamidate Method and of Î²-d-Galp-(1âˆ´6)-d-GlcNAc by SnCl4-Promoted Glycosylation. <i>Organic Letters</i> , 1999, 1, 245-248. | 4.6 | 34 |
| 14 | Separation of GalpÎ²1âˆ´XGlcNAc and GalpÎ²1âˆ´XGlcNAc (X = 3, 4, and 6) as the Alditols by High-pH Anion-Exchange Chromatography and Thin-Layer Chromatography: Characterization of Mucins from <i>Trypanosoma cruzi</i> . <i>Analytical Biochemistry</i> , 2000, 279, 79-84. | 2.4 | 32 |
| 15 | Hyaluronan oligosaccharides induce cell death through PI3-K/Akt pathway independently of NF-Î²B transcription factor. <i>Glycobiology</i> , 2006, 16, 359-367. | 2.5 | 32 |
| 16 | Synthesis of the O-linked pentasaccharide in glycoproteins of <i>Trypanosoma cruzi</i> and selective sialylation by recombinant trans-sialidase. <i>Carbohydrate Research</i> , 2006, 341, 1488-1497. | 2.3 | 31 |
| 17 | Acyclic Analogues of Deoxyadenosine 3â€²,5â€²-Bisphosphates as P2Y1 Receptor Antagonists. <i>Journal of Medicinal Chemistry</i> , 2000, 43, 746-755. | 6.4 | 29 |
| 18 | Synthesis of Î±-d-Galp-(1âˆ´2)-d-galactitol and Î±-d-Galp-(1âˆ´2)[Î²-d-Galp-(1âˆ´3)]-d-galactitol, oligosaccharide derivatives from <i>Bacteroides cellulosolvens</i> glycoproteins. <i>Carbohydrate Research</i> , 2006, 341, 2487-2497. | 2.3 | 28 |

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|----|---|-----|-----------|
| 19 | NATURALLY OCCURRING MONOSACCHARIDES: PROPERTIES AND SYNTHESIS. <i>Advances in Carbohydrate Chemistry and Biochemistry</i> , 2004, 59, 9-67. | 0.9 | 27 |
| 20 | Synthesis of trisaccharides containing internal galactofuranose O-linked in <i>Trypanosoma cruzi</i> mucins. <i>Carbohydrate Research</i> , 2010, 345, 385-396. | 2.3 | 26 |
| 21 | Synthesis of β -D-Galp-(1 \rightarrow 3)- β -D-Galp-(1 \rightarrow 6)-[β -D-Galp-(1 \rightarrow 4)]-D-GlcNAc, a tetrasaccharide component of mucins of <i>Trypanosoma cruzi</i> . <i>Tetrahedron</i> , 2002, 58, 9373-9380. | 1.9 | 25 |
| 22 | Synthesis of the O-linked hexasaccharide containing β -D-Galp-(1 \rightarrow 2)- β -D-Galp in <i>Trypanosoma cruzi</i> mucins. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 6322. | 2.8 | 20 |
| 23 | <i>Trypanosoma cruzi</i> surface mucins are involved in the attachment to the <i>Triatoma infestans</i> rectal ampoule. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007418. | 3.0 | 20 |
| 24 | Synthesis of arabinofuranose branched galactofuran tetrasaccharides, constituents of mycobacterial arabinogalactan. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 2085. | 2.8 | 19 |
| 25 | Glycosylation studies on conformationally restricted 3,5-O-(di-tert-butylsilylene)-D-galactofuranosyl trichloroacetimidate donors for 1,2-cis β -D-galactofuranosylation. <i>Carbohydrate Research</i> , 2011, 346, 2838-48. | 2.3 | 19 |
| 26 | Selective sialylation of 2,3-di-O-(β -D-galactopyranosyl)-D-galactose catalyzed by <i>Trypanosoma cruzi</i> trans-sialidase. <i>Tetrahedron: Asymmetry</i> , 2005, 16, 541-551. | 1.8 | 16 |
| 27 | Synthesis of a tetrasaccharide fragment of mycobacterial arabinogalactan. <i>Carbohydrate Research</i> , 2008, 343, 1870-1875. | 2.3 | 16 |
| 28 | Facile synthesis of β -D-Araf-(1 \rightarrow 5)-D-Galp, the linker unit of the arabinan to the galactan in <i>Mycobacterium tuberculosis</i> . <i>Canadian Journal of Chemistry</i> , 2006, 84, 486-491. | 1.1 | 15 |
| 29 | Influence of the solvent in low temperature glycosylations with O-(2,3,5,6-tetra-O-benzyl- β -D-galactofuranosyl) trichloroacetimidate for 1,2-cis β -D-galactofuranosylation. <i>Carbohydrate Research</i> , 2011, 346, 1495-1502. | 2.3 | 15 |
| 30 | Synthesis of the O-linked hexasaccharide containing β -D-Galp-(1 \rightarrow 2)-D-Galp in <i>Trypanosoma cruzi</i> mucins. Differences on sialylation by trans-sialidase of the two constituent hexasaccharides. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 1213-1222. | 3.0 | 12 |
| 31 | Conformationally restricted 3,5-O-(di-tert-butylsilylene)-D-galactofuranosyl thioglycoside donor for 1,2-cis β -D-galactofuranosylation. <i>Carbohydrate Research</i> , 2014, 397, 7-17. | 2.3 | 10 |
| 32 | 8-(3-Isothiocyanatostyryl)caffeine is a selective, irreversible inhibitor of striatal A2-Adenosine receptors. <i>Drug Development Research</i> , 1993, 29, 292-298. | 2.9 | 8 |
| 33 | Synthesis of β -D-Glcp-(1 \rightarrow 3)- β -D-Galp-(1 \rightarrow 2)- β -D-Rhap constituent of the CPS of <i>Streptococcus pneumoniae</i> 22F. Effect of 3-O-substitution in 1,2-cis β -D-galactofuranosylation. <i>RSC Advances</i> , 2014, 4, 3368-3382. | 3.6 | 8 |
| 34 | Synthesis of 2,3-di-O-(β -D-Galp)-D-Galp, a synthon for the mucin oligosaccharides of <i>Trypanosoma cruzi</i> . <i>Arkivoc</i> , 2003, 2003, 82-94. | 0.5 | 8 |
| 35 | <i>Trypanosoma cruzi</i> trans-sialidase. A tool for the synthesis of sialylated oligosaccharides. <i>Carbohydrate Research</i> , 2019, 479, 48-58. | 2.3 | 7 |
| 36 | Regioselective 5-O-Opening of Conformationally Locked 3,5-O-Di-tert-butylsilylene-D-galactofuranosides. Synthesis of (1 \rightarrow 5)- β -D-Galactofuranosyl Derivatives. <i>Journal of Organic Chemistry</i> , 2016, 81, 9585-9594. | 3.2 | 6 |

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|----|---|-----|-----------|
| 37 | 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 |