

# Carola Gallo-Rodriguez

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5248064/publications.pdf>

Version: 2024-02-01

37  
papers

1,574  
citations

331670

21  
h-index

315739

38  
g-index

41  
all docs

41  
docs citations

41  
times ranked

1067  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Role of the Phosphorus Atom in Drug Design. <i>ChemMedChem</i> , 2019, 14, 190-216.	3.2	113
2	Synthesis of the hexasaccharide from <i>Trypanosoma cruzi</i> mucins with the Galp(1 $\rightarrow$ 2)Galf unit constructed with a superarmed thiogalactopyranosyl donor. <i>Carbohydrate Research</i> , 2019, 482, 107734.	2.3	2
3	<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
4	<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
5	Regioselective 5-O-Opening of Conformationally Locked 3,5-O-Di-tert-butylsilylene-d-galactofuranosides. Synthesis of (1 $\rightarrow$ 5)- $\beta$ -d-Galactofuranosyl Derivatives. <i>Journal of Organic Chemistry</i> , 2016, 81, 9585-9594.	3.2	6
6	Synthesis of the O-linked hexasaccharide containing $\beta$ -d-Galp-(1 $\rightarrow$ 2)-d-Galf 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
7	Synthesis of $\beta$ -d-Glcp-(1 $\rightarrow$ 3)- $\beta$ -d-Galf-(1 $\rightarrow$ 2)- $\beta$ -d-Rhap constituent of the CPS of <i>Streptococcus pneumoniae</i> 22F. Effect of 3-O-substitution in 1,2-cis $\beta$ -d-galactofuranosylation. <i>RSC Advances</i> , 2014, 4, 3368-3382.	3.6	8
8	Conformationally restricted 3,5-O-(di-tert-butylsilylene)-d-galactofuranosyl thioglycoside donor for 1,2-cis $\beta$ -d-galactofuranosylation. <i>Carbohydrate Research</i> , 2014, 397, 7-17.	2.3	10
9	Synthesis of the O-linked hexasaccharide containing $\beta$ -d-Galp-(1 $\rightarrow$ 2)- $\beta$ -d-Galf in <i>Trypanosoma cruzi</i> mucins. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 6322.	2.8	20
10	Synthesis of arabinofuranose branched galactofuran tetrasaccharides, constituents of mycobacterial arabinogalactan. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 2085.	2.8	19
11	Glycosylation studies on conformationally restricted 3,5-O-(di-tert-butylsilylene)-d-galactofuranosyl trichloroacetimidate donors for 1,2-cis $\beta$ -d-galactofuranosylation. <i>Carbohydrate Research</i> , 2011, 346, 2838-48.	2.3	19
12	Influence of the solvent in low temperature glycosylations with O-(2,3,5,6-tetra-O-benzyl- $\beta$ -d-galactofuranosyl) trichloroacetimidate for 1,2-cis $\beta$ -d-galactofuranosylation. <i>Carbohydrate Research</i> , 2011, 346, 1495-1502.	2.3	15
13	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
14	Synthesis of a tetrasaccharide fragment of mycobacterial arabinogalactan. <i>Carbohydrate Research</i> , 2008, 343, 1870-1875.	2.3	16
15	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
16	Facile synthesis of $\beta$ -D-Araf-(1 $\rightarrow$ 5)-D-Galf, 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
17	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
18	Synthesis of $\beta$ -d-Galp-(1 $\rightarrow$ 2)-d-galactitol and $\beta$ -d-Galp-(1 $\rightarrow$ 2)-[ $\beta$ -d-Galp-(1 $\rightarrow$ 3)]-d-galactitol, oligosaccharide derivatives from <i>Bacteroides cellulosolvens</i> glycoproteins. <i>Carbohydrate Research</i> , 2006, 341, 2487-2497.	2.3	28

#	ARTICLE	IF	CITATIONS
19	Hyaluronan oligosaccharides induce cell death through PI3-K/Akt pathway independently of NF- $\kappa$ B transcription factor. <i>Glycobiology</i> , 2006, 16, 359-367.	2.5	32
20	Selective sialylation of 2,3-di-O-( $\beta$ -D-galactopyranosyl)-D-galactose catalyzed by <i>Trypanosoma cruzi</i> trans-sialidase. <i>Tetrahedron: Asymmetry</i> , 2005, 16, 541-551.	1.8	16
21	NATURALLY OCCURRING MONOSACCHARIDES: PROPERTIES AND SYNTHESIS. <i>Advances in Carbohydrate Chemistry and Biochemistry</i> , 2004, 59, 9-67.	0.9	27
22	Syntheses of $\beta$ -D-Galp-(1 $\rightarrow$ 6)- $\beta$ -D-Galp-(1 $\rightarrow$ 5)-D-Galf and $\beta$ -D-Galp-(1 $\rightarrow$ 5)- $\beta$ -D-Galp-(1 $\rightarrow$ 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
23	Synthesis of 2,3-di-O-( $\beta$ -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
24	Synthesis of $\beta$ -D-Galp-(1 $\rightarrow$ 3)- $\beta$ -D-Galp-(1 $\rightarrow$ 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
25	Synthesis of $\beta$ -D-Galp-(1 $\rightarrow$ 3)- $\beta$ -D-Galp-(1 $\rightarrow$ 6)-[ $\beta$ -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
26	Separation of Galp $\beta$ 1 $\rightarrow$ XGlcNAc and Galp $\beta$ 1 $\rightarrow$ 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
27	Acyclic Analogues of Deoxyadenosine 3 $\beta$ ,5 $\beta$ -Bisphosphates as P2Y1 Receptor Antagonists. <i>Journal of Medicinal Chemistry</i> , 2000, 43, 746-755.	6.4	29
28	Synthesis of $\beta$ -D-Galp-(1 $\rightarrow$ 3)-D-GlcNAc by the Trichloroacetamide Method and of $\beta$ -D-Galp-(1 $\rightarrow$ 6)-D-GlcNAc by SnCl <sub>4</sub> -Promoted Glycosylation. <i>Organic Letters</i> , 1999, 1, 245-248.	4.6	34
29	One-pot synthesis of $\beta$ -D-Gal<(1 $\rightarrow$ 4)[ $\beta$ -D-Galp(1 $\rightarrow$ 6)]-D-GlcNAc, a core <sup>TM</sup> trisaccharide linked O-glycosidically in glycoproteins of <i>Trypanosoma cruzi</i> . <i>Carbohydrate Research</i> , 1997, 305, 163-170.	2.3	40
30	First Synthesis of $\beta$ -D-Galp(1 $\rightarrow$ 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
31	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
32	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
33	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
34	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
35	A role for central A3-adenosine receptors. <i>FEBS Letters</i> , 1993, 336, 57-60.	2.8	145
36	Structure-activity relationships of 8-styrylxanthines as A2-selective adenosine antagonists. <i>Journal of Medicinal Chemistry</i> , 1993, 36, 1333-1342.	6.4	151

#	ARTICLE	IF	CITATIONS
37	Effect of trifluoromethyl and other substituents on activity of xanthenes at adenosine receptors. Journal of Medicinal Chemistry, 1993, 36, 2639-2644.	6.4	50