Francisco Santoyo-Gonzalez

List of Publications by Year
in descending order

155 papers	4,219 citations	94269 37 h-index	133063 59 g-index
186 all docs	186 docs citations	186 times ranked	4975 citing authors

#	Article	IF	Citations
1	Multivalent Neoglycoconjugates by Regiospecific Cycloaddition of Alkynes and Azides Using Organic-Soluble Copper Catalysts. Organic Letters, 2003, 5, 1951-1954.	2.4	308
2	Carbon dots for copper detection with down and upconversion fluorescent properties as excitation sources. Chemical Communications, 2013, 49, 1103.	2.2	261
3	Vinyl sulfone: a versatile function for simple bioconjugation and immobilization. Organic and Biomolecular Chemistry, 2010, 8, 667-675.	1.5	158
4	Convenient Methods for the Synthesis of Ferroceneâ˜Carbohydrate Conjugates. Organic Letters, 2004, 6, 3687-3690.	2.4	130
5	Synthesis of Glyco-Silicas by Cu(I)-Catalyzed â€œClick-Chemistryâ€•and their Applications in Affinity Chromatography. Advanced Synthesis and Catalysis, 2006, 348, 2410-2420.	2.1	87
6	Synthesis of Per-Glycosylated Î²-Cyclodextrins Having Enhanced Lectin Binding Affinity. Journal of Organic Chemistry, 1999, 64, 522-531.	1.7	83
7	Ferroceneâ€“Î²â€Cyclodextrin Conjugates: Synthesis, Supramolecular Behavior, and Use as Electrochemical Sensors. Chemistry - A European Journal, 2009, 15, 8146-8162.	1.7	82
8	1,3-Dipolar Cycloadditions as a Tool for the Preparation of Multivalent Structures. Organic Letters, 2000, 2, 2499-2502.	2.4	81
9	Silica-based clicked hybrid glyco materials. Chemical Society Reviews, 2009, 38, 3449.	18.7	80
10	Nonâ€Magnetic and Magnetic Supported Copper(I) Chelating Adsorbents as Efficient Heterogeneous Catalysts and Copper Scavengers for Click Chemistry. Advanced Synthesis and Catalysis, 2010, 352, 3306-3320.	2.1	80
11	Magnetic Nanoparticles-Templated Assembly of Protein Subunits: A New Platform for Carbohydrate-Based MRI Nanoprobes. Journal of the American Chemical Society, 2011, 133, 4889-4895.	6.6	79
12	Î²-Cyclodextrin-Based Polycationic Amphiphilic â€œClickâ€•Clusters: Effect of Structural Modifications in Their DNA Complexing and Delivery Properties. Journal of Organic Chemistry, 2011, 76, 5882-5894.	1.7	78
13	Preorganized macromolecular gene delivery systems: amphiphilic Î²-cyclodextrin â€œclick clustersâ€• Organic and Biomolecular Chemistry, 2009, 7, 2681.	1.5	77
14	Click multivalent neoglycoconjugates as synthetic activators in cell adhesion and stimulation of monocyte/machrophage cell lines. Organic and Biomolecular Chemistry, 2007, 5, 2291-2301.	1.5	75
15	Synthesis of phenyl 2-azido-2-deoxy-1-selenoglycosides from glycals. Journal of Organic Chemistry, 1993, 58, 6122-6125.	1.7	71
16	Synthesis of Calixarene-Based Cavitands and Nanotubes by Click Chemistry. Journal of Organic Chemistry, 2008, 73, 7768-7771.	1.7	70
17	Ferroceneâ€“Carbohydrate Conjugates as Electrochemical Probes for Molecular Recognition Studies. Chemistry - A European Journal, 2009, 15, 710-725.	1.7	70
18	Applications of Cyclic Sulfates ofvic-Diols:Â Synthesis of Episulfides, Olefins, and Thio Sugars. Journal of Organic Chemistry, 1997, 62, 3944-3961.	1.7	60

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19	Azideâ€“Alkyne 1,3-Dipolar Cycloadditions: aÂValuable Tool in Carbohydrate Chemistry. Topics in Heterocyclic Chemistry, 2007, , 133-177.	0.2	60
20	De novo active sites for resurrected Precambrian enzymes. Nature Communications, 2017, 8, 16113.	5.8	60
21	Click Multivalent Heterogeneous Neoglycoconjugates â€“ Modular Synthesis and Evaluation of Their Binding Affinities. European Journal of Organic Chemistry, 2009, 2009, 2454-2473.	1.2	56
22	Transition metal catalyzed neoglycoconjugate syntheses. Pure and Applied Chemistry, 1999, 71, 565-571.	0.9	54
23	Vinyl sulfone functionalized silica: a â€œready to useâ€•pre-activated material for immobilization of biomolecules. Journal of Materials Chemistry, 2010, 20, 7189.	6.7	54
24	Improved preparation of hexakis(6-deoxy)cyclomalto-hexaose and heptakis(6-deoxy)cyclomaltoheptaose. Carbohydrate Research, 1992, 228, 307-314.	1.1	53
25	The Conformational Behaviour of Non-Hydrolizable Lactose Analogues: The Thioglycoside, Carbaglycoside, and Carba-Iminoglycoside Cases. European Journal of Organic Chemistry, 2000, 2000, 1945-1952.	1.2	52
26	Vinyl Sulfone Bifunctional Tag Reagents for Single-Point Modification of Proteins. Journal of Organic Chemistry, 2010, 75, 4039-4047.	1.7	52
27	Alkyl sulfonyl derivatized PAMAM-G2dendrimers as nonviral gene delivery vectors with improved transfection efficiencies. Organic and Biomolecular Chemistry, 2011, 9, 851-864.	1.5	50
28	Binding Affinity Properties of Dendritic Glycosides Based on a Î²-Cyclodextrin Core toward Guest Molecules and Concanavalin A. Journal of Organic Chemistry, 2001, 66, 7786-7795.	1.7	46
29	Synthesis of â€œSugar-Rodsâ€•with Phytohemagglutinin Cross-Linking Properties by Using the Palladium-Catalyzed Sonogashira Reaction. Chemistry - A European Journal, 2000, 6, 1757-1762.	1.7	45
30	Synthesis of Persialylated Î²-Cyclodextrins. Journal of Organic Chemistry, 2000, 65, 8743-8746.	1.7	45
31	Synthesis of ClusterN-Glycosides Based on aÎ²-Cyclodextrin Core. Chemistry - A European Journal, 1999, 5, 1775-1784.	1.7	43
32	Vinyl Sulfone Functionalization: A Feasible Approach for the Study of the Lectinâ€“Carbohydrate Interactions. Bioconjugate Chemistry, 2012, 23, 846-855.	1.8	43
33	Dendritic Galactosides Based on aÎ²-Cyclodextrin Core for the Construction of Site-Specific Molecular Delivery Systems: Synthesis and Molecular Recognition Studies. Chemistry - A European Journal, 2002, 8, 812-827.	1.7	42
34	Characterisation of a transparent optical test strip for quantification of water hardness. Analytica Chimica Acta, 2003, 481, 139-148.	2.6	41
35	Divinyl Sulfone Cross-Linked Cyclodextrin-Based Polymeric Materials: Synthesis and Applications as Sorbents and Encapsulating Agents. Molecules, 2015, 20, 3565-3581.	1.7	40
36	Tetrazine-based chemistry for nitrite determination in a paper microfluidic device. Talanta, 2016, 160, 721-728.	2.9	40

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37	Vinyl sulfone silica: application of an open preactivated support to the study of transnitrosylation of plant proteins by S-nitrosoglutathione. BMC Plant Biology, 2013, 13, 61.	1.6	39
38	Regioselective Monoalkylation of Calixarenes. Synthesis of Homodimer Calixarenes. Journal of Organic Chemistry, 2000, 65, 4409-4414.	1.7	38
39	Polyelectrolyte Complexes of Low Molecular Weight PEI and Citric Acid as Efficient and Nontoxic Vectors for in Vitro and in Vivo Gene Delivery. Bioconjugate Chemistry, 2016, 27, 549-561.	1.8	36
40	A Practical Amine-Free Synthesis of Symmetric Ureas and Thioureas by Self-Condensation of Iso(thio)cyanates. Synthesis, 1999, 1999, 1907-1914.	1.2	35
41	Electrochemiluminescent disposable cholesterol biosensor based on avidinâ€“biotin assembling with the electroformed luminescent conducting polymer poly(luminol-biotinylated pyrrole). Analytica Chimica Acta, 2012, 754, 91-98.	2.6	35
42	Dynamic Selfâ€Assembly of Polycationic Clusters Based on Cyclodextrins for pHâ€Sensitive DNA Nanocondensation and Delivery by Component Design. Chemistry - A European Journal, 2014, 20, 6622-6627.	1.7	35
43	Synthesis of 3,6-anhydro sugars from cyclic sulfites and sulfates and their applications in the preparation of bicyclonucleoside analogues of ddC and ddA. Tetrahedron, 1999, 55, 14649-14664.	1.0	32
44	Click Multivalent Homogeneous Neoglycoconjugates â€“ Synthesis and Evaluation of Their Binding Affinities. European Journal of Organic Chemistry, 2009, 2009, 2441-2453.	1.2	32
45	Tuning the Structural and Magnetic Properties of Thermally Robust Coordination Polymers. Inorganic Chemistry, 2006, 45, 7612-7620.	1.9	31
46	Synthesis of Molecular Nanocages by Click Chemistry. Journal of Organic Chemistry, 2008, 73, 7772-7774.	1.7	30
47	Wireless wearable wristband for continuous sweat pH monitoring. Sensors and Actuators B: Chemical, 2021, 327, 128948.	4.0	30
48	Vinyl sulfone-activated silica for efficient covalent immobilization of alkaline unstable enzymes: application to levansucrase for fructooligosaccharide synthesis. RSC Advances, 2016, 6, 64175-64181.	1.7	28
49	Synthesis of l-gulose, l-galactose, and their acetylated aldehydo forms from 6-S-phenyl-6-thio-d-hexoses. Carbohydrate Research, 1990, 202, 33-47.	1.1	27
50	Novel synthetic route for covalent coupling of biomolecules on superâ€paramagnetic hybrid nanoparticles. Journal of Polymer Science Part A, 2012, 50, 3944-3953.	2.5	26
51	Disposable Receptor-Based Optical Sensor for Nitrate. Analytical Chemistry, 2005, 77, 4459-4466.	3.2	24
52	Synthetic Applications of Cyclic Sulfites, Sulfates and Sulfamidates in Carbohydrate Chemistry. Current Organic Chemistry, 2011, 15, 401-432.	0.9	24
53	Enhancing ade novoenzyme activity by computationally-focused ultra-low-throughput screening. Chemical Science, 2020, 11, 6134-6148.	3.7	24
54	Synthesis of Bridged Thiourea Calix-sugar. Synlett, 1999, 1999, 1891-1894.	1.0	23

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55	Synthesis of a cycloheptaose consisting of (1 â†' 4)-linked 7-amino-6,7-dideoxy-Î±-d-gluco-heptopyranosyl units: A new analog of cyclomaltoheptaose. Carbohydrate Research, 1992, 235, 129-139.	1.1	22
56	Synthesis and transformations of 2-deoxy-2-iodo-pyranosyl isothiocyanates from glycals. Tetrahedron, 1994, 50, 2877-2894.	1.0	21
57	Synthesis of multivalent neoglycoconjugates by 1,3 dipolar cycloaddition of nitrile oxides and alkynes and evaluation of their lectin-binding affinities. Tetrahedron, 2005, 61, 9338-9348.	1.0	21
58	Pummerer rearrangements and similar reactions of some six-membered cyclic sulphoxides: Synthesis of 3-deoxy-5-thiopentopyranoses branched at C-3. Carbohydrate Research, 1988, 183, 227-240.	1.1	20
59	Oneâ€Pot Threeâ€Component Click Reaction of Cyclic Sulfates and Cyclic Sulfamidates. Advanced Synthesis and Catalysis, 2012, 354, 1797-1803.	2.1	20
60	Synthesis of sugar episulfides and olefins from via-diols via cyclic sulfates. Journal of the Chemical Society Chemical Communications, 1995, , 461-462.	2.0	19
61	Development of a One-Shot Optical Citrate Sensor Based on a Guanidinium Synthetic Receptor. Mikrochimica Acta, 2005, 151, 93-100.	2.5	19
62	Electrochemically and photochemically active Palladium(ii) heterotopic metallacalix[3]arenes. Chemical Communications, 2008, , 3735.	2.2	19
63	Monovinyl Sulfone Î²â€Cyclodextrin. A Flexible Drug Carrier System. ChemMedChem, 2014, 9, 383-389.	1.6	19
64	Magneticâ€“fluorescent Langmuirâ€“Blodgett films of fluorophore-labeled ferritin nanoparticles. Solid State Sciences, 2009, 11, 754-759.	1.5	18
65	Efficient One-pot Syntheses of Chloroacetyl and S-Acetylmercaptoacetyl N-Glycosides from Glycosyl Azides. Synlett, 1997, 1997, 265-266.	1.0	17
66	Synthesis of Glycosylamines from Glycosyl Isothiocyanates and Bis(tributyltin) Oxide. European Journal of Organic Chemistry, 2001, 2001, 383-390.	1.2	17
67	Palladium-Mediated Oxidative Homocoupling of Prop-2-ynyl Glycosides: Application Toward the Synthesis of Symmetrical Conjugated Sugar Diynes. Synthesis, 2001, 2001, 1049.	1.2	17
68	A vinyl sulfone clicked carbon dot-engineered microfluidic paper-based analytical device for fluorometric determination of biothiols. Mikrochimica Acta, 2020, 187, 421.	2.5	17
69	An Efficient Synthesis of Bis(calix[4]arenes), Bis(crown ether)-Substituted Calix[4]arenes, Aza-Crown Calix[4]arenes, and Thiaza-Crown Calix[4]arenes. European Journal of Organic Chemistry, 2000, 2000, 3587-3593.	1.2	16
70	Synthesis of Deeper Calix-sugar-Based on the Sonogashira Reaction. Synlett, 2001, 2001, 1699-1702.	1.0	16
71	Polyethyleneimineâ€Coated Gold Nanoparticles: Straightforward Preparation of Efficient DNA Delivery Nanocarriers. Chemistry - an Asian Journal, 2016, 11, 3365-3375.	1.7	15
72	Use of N-Pivaloyl Imidazole as Protective Reagent for Sugars. Synthesis, 1998, 1998, 1787-1792.	1.2	14

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73	Synthesis of Disaccharides, Containing Sulfur in the Ring of the Reducing Monosaccharide Unit, Through a Nonglycosylating Chemical Strategy. Chemistry - A European Journal, 1999, 5, 1512-1525.	1.7	14
74	Catalytic Materials Based on Surface Coating with Poly(ethyleneimine)â€Stabilized Gold Nanoparticles. ChemCatChem, 2017, 9, 3965-3973.	1.8	14
75	Expeditious synthesis of monosulfated thio-linked disaccharides. Journal of the Chemical Society Perkin Transactions 1, 1997, , 1079-1082.	0.9	13
76	Production, crystallization and X-ray characterization of chemically glycosylated hen egg-white lysozyme. Acta Crystallographica Section F: Structural Biology Communications, 2005, 61, 435-438.	0.7	13
77	Double-armed crown ethers for calcium optical sensors. Talanta, 2009, 78, 1484-1488.	2.9	13
78	Vinyl sulfone-based ferrocenylation reagents: applications in conjugation and bioconjugation. Organic and Biomolecular Chemistry, 2013, 11, 2586.	1.5	13
79	A Short and Efficient Synthesis of 1,5-Dideoxy-1,5-imino-d-galactitol (1-deoxy-d-Galactostatin) and 1,5-Dideoxy-1,5-imino-l-altritol (1-deoxy-l-Altrostatin) from d-Galactose. Synlett, 1999, 1999, 593-595.	1.0	12
80	Synthesis of Î²-Cyclodextrin, Per-O-glycosylated through an Ethylene Glycol Spacer Arm. Synthesis, 2001, 2001, 1057.	1.2	12
81	Reactivity of 2-Deoxy-2-iodoglycosyl Isothiocyanates with O-, S-, and N-Nucleophiles. Synthesis of Glycopyranoso-Fused Thiazoles. Journal of Organic Chemistry, 2004, 69, 202-205.	1.7	12
82	Functionalization of immunostimulating complexes (ISCOMs) with lipid vinyl sulfones and their application in immunological techniques and therapy. International Journal of Nanomedicine, 2012, 7, 5941.	3.3	12
83	Engineered Glycated Amino Dendritic Polymers as Specific Nonviral Gene Delivery Vectors Targeting the Receptor for Advanced Glycation End Products. Bioconjugate Chemistry, 2014, 25, 1151-1161.	1.8	12
84	In Vitro and in Vivo Evaluation of Novel Cross-Linked Saccharide Based Polymers as Bile Acid Sequestrants. Molecules, 2015, 20, 3716-3729.	1.7	12
85	Vinyl Sulfonates: A Click Function for Couplingâ€andâ€Decoupling Chemistry and their Applications. Advanced Synthesis and Catalysis, 2016, 358, 3394-3413.	2.1	12
86	Self-adjuvanting C18 lipid vinil sulfone-PP2A vaccine: study of the induced immunomodulation against Trichuris muris infection. Open Biology, 2017, 7, 170031.	1.5	12
87	PEI-NIR Heptamethine Cyanine Nanotheranostics for Tumor Targeted Gene Delivery. Bioconjugate Chemistry, 2018, 29, 2561-2575.	1.8	12
88	Acid anhydride coated carbon nanodots: activated platforms for engineering clicked (bio)nanoconstructs. Nanoscale, 2019, 11, 7850-7856.	2.8	12
89	Radical Î²-elimination of vicinal phenylselenide and xanthate azides in sugar derivatives. Synlett, 1994, 1994, 454-456.	1.0	11
90	Synthesis and Properties of Thiodiglycolaldehyde. Carbohydrate Research, 1981, 90, 309-314.	1.1	10

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91	Synthesis of some further C-3 branched 3-amino-2,3,6-trideoxysugars, related to daunosamine, as potential components for structurally modified anthracyclines. Carbohydrate Research, 1992, 237, 145-160.	1.1	10
92	Synthesis of 6-Deoxyheptose Derivatives via Cyclic Sulfates and Oxetanes. Synthesis, 1998, 1998, 1778-1786.	1.2	10
93	Evidence of non-functional redundancy between two pea h-type thioredoxins by specificity and stability studies. Journal of Plant Physiology, 2010, 167, 423-429.	1.6	10
94	Biological Evaluation and Docking Studies of Synthetic Oleanane-type Triterpenoids. ACS Omega, 2018, 3, 11455-11468.	1.6	10
95	A new improved synthesis of anhydrous diglycolaldehyde. Carbohydrate Research, 1982, 111, 157-162.	1.1	9
96	Synthesis of C-glycopyranosylfuran derivatives by reaction of dialdehydes with cyanoacetamide. Carbohydrate Research, 1986, 147, 237-245.	1.1	9
97	Calcium selective test strip for water and milk. Analyst, The, 2004, 129, 783-788.	1.7	9
98	Polyethylenimineâ€“Bisphosphonateâ€“Cyclodextrin Ternary Conjugates: Supramolecular Systems for the Delivery of Antineoplastic Drugs. Journal of Medicinal Chemistry, 2021, 64, 12245-12260.	2.9	9
99	Synthesis and structures of some diglycolaldehyde thioacetals. Carbohydrate Research, 1982, 102, 69-81.	1.1	8
100	Loss or transfer of an acetyl group during Knoevenagel reactions of aldehydo sugars with acetylacetone. Carbohydrate Research, 1985, 135, 303-311.	1.1	8
101	Synthesis of methyl 3-deoxy-3-nitroheptoseptanosides. Carbohydrate Research, 1991, 209, 155-165.	1.1	8
102	Selective pivaloylation and diphenylacetylation of cyclomalto-oligosaccharides. Carbohydrate Research, 1994, 262, 271-282.	1.1	8
103	[2]Rotaxane Endâ€Capping Synthesis by Click Michaelâ€Type Addition to the Vinyl Sulfonyl Group. Chemistry - A European Journal, 2019, 25, 6170-6179.	1.7	8
104	Poly(ethylene-imine)-Functionalized Magnetite Nanoparticles Derivatized with Folic Acid: Heating and Targeting Properties. Polymers, 2021, 13, 1599.	2.0	8
105	Use of 2-methyl-2-propanethiol in the synthesis of C-thioglycosyl derivatives. Carbohydrate Research, 1986, 155, 151-159.	1.1	7
106	Application of the Hofmann rearrangement in the synthesis of 3-amino sugar derivatives: preparation of some 3-tert-butoxycarbonylamino-3-cyano-3-deoxy and 3-acetamido-methyl-3-tert-butoxycarbonylamino-3-deoxy sugars. Carbohydrate Research, 1991, 209, 131-143.	1.1	7
107	A Short Synthesis of Dihydroxyspirohydantoins from 1,5-Dialdehydes. Synthesis, 1992, 1992, 631-632.	1.2	7
108	Use of Diphenylacetyl Chloride as Protective Reagent for Sugars. Synthesis, 1994, 1994, 97-101.	1.2	7

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109	Synthesis of phenyl 2-azido-2-deoxy-1-selenoglycosides from disaccharidic glycals. Carbohydrate Research, 1994, 260, 319-321.	1.1	7
110	Synthesis of Sâ€•and Nâ€Functionalized Dithiocarbamates from Cyclic Sulfates. European Journal of Organic Chemistry, 2013, 2013, 3758-3763.	1.2	7
111	Masked Thiol Sugars: Chemical Behavior and Synthetic Applications of Sâ€Glycopyranosylâ€Nâ€monoalkyl Dithiocarbamates. Chemistry - an Asian Journal, 2014, 9, 620-631.	1.7	7
112	NIR optical carbon dioxide gas sensor based on simple azaBODIPY pH indicators. Analyst, The, 2019, 144, 3870-3877.	1.7	7
113	Transformations of diglycolaldehyde dithioacetals in the presence of boron trifluoride-ether complex. Carbohydrate Research, 1981, 95, 117-122.	1.1	6
114	Acetals and thioacetals from thiodiglycolaldehyde: Some oxidation products. Carbohydrate Research, 1982, 110, 195-205.	1.1	6
115	Reaction of 3-hetero-1,5-dialdehydes with tert-butyl cyanoacetate. Carbohydrate Research, 1986, 152, 99-111.	1.1	6
116	Synthesis and Reactivity of Sugars with Two Branches at C-3. Synlett, 1990, 1990, 715-724.	1.0	6
117	Reductive decyanation of 3-amino-3-cyano-3-deoxy sugars with sodium borohydride. A new approach to 3-amino-3-deoxy sugars.. Tetrahedron Letters, 1991, 32, 1371-1374.	0.7	6
118	Structure of concanavalin A at pH 8: bound solvent and crystal contacts. Acta Crystallographica Section D: Biological Crystallography, 2004, 60, 1048-1056.	2.5	6
119	2-(4-Chlorophenyl)-4,5-diphenyl-1-(prop-2-en-1-yl)-1H-imidazole. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o875-o876.	0.2	6
120	Functionalized immunostimulating complexes with protein A via lipid vinyl sulfones to deliver cancer drugs to trastuzumab-resistant HER2-overexpressing breast cancer cells. International Journal of Nanomedicine, 2016, Volume 11, 4777-4785.	3.3	6
121	Carbon dots-inspired fluorescent cyclodextrins: competitive supramolecular â€œoffâ€“onâ€•(bio)sensors. Nanoscale, 2020, 12, 9178-9185.	2.8	6
122	Amphiphilic-like carbon dots as antitumoral drug vehicles and phototherapeutical agents. Materials Chemistry Frontiers, 2021, 5, 8151-8160.	3.2	6
123	Vinyl sulfonyl chemistry-driven unidirectional transport of a macrocycle through a [2]rotaxane. Organic Chemistry Frontiers, 2022, 9, 633-642.	2.3	6
124	Conformational analysis on cyclohexane, oxane, and thiane derivatives bearing two geminal electron-withdrawing groups and acetoxy substituents at the Î² and Î²â€² carbons. Tetrahedron, 1992, 48, 6839-6852.	1.0	5
125	Synthesis of 2-Deoxyglycopyranosyl Thioureas from Glycals. Synthesis, 1999, 1999, 2049-2052.	1.2	5
126	Vinyl Sulfone: A Multi-Purpose Function in Proteomics. , 0, , .		5

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127	Preparation of some diglycolaldehyde acetals. Carbohydrate Research, 1982, 107, 279-284.	1.1	4
128	Reactions of d-glucose, d-xylose, and d-erythrose with 2-methyl-2-propanethiol. Carbohydrate Research, 1987, 163, 29-39.	1.1	4
129	Behaviour of the gem-cyano-ethoxycarbonyl cyclohexane, thiopyran and pyran derivatives with sodium borohydride and lithium aluminium hydride. Tetrahedron, 1990, 46, 5673-5684.	1.0	4
130	Synthesis of 3-C-carbamoyl-3-C-cyano-3-deoxyhexopyranosides by cyclization of dialdehydes with cyanoacetamide. Carbohydrate Research, 1990, 207, 81-90.	1.1	4
131	A bioinspired hybrid silicaâ€“protein material with antimicrobial activity by iron uptake. Metallomics, 2013, 5, 193.	1.0	4
132	Molecular Recognition of Surface Trans-Sialidases in Extracellular Vesicles of the Parasite Trypanosoma cruzi Using Atomic Force Microscopy (AFM). International Journal of Molecular Sciences, 2022, 23, 7193.	1.8	4
133	Synthesis of some 3-alkoxycarbonyl-3-C-cyano-3-deoxyglycosides by the reaction of 1,5-dialdehydes with cyanoesters. Carbohydrate Research, 1989, 194, 171-183.	1.1	3
134	Use of potassium fluoride in the cyclization of 3-hetero-1,5-dialdehydes with nitromethane and ethyl nitroacetate. Tetrahedron, 1990, 46, 4083-4090.	1.0	3
135	Synthesis of methyl 3-amino-3,6-dideoxy-Î±-l-hexopyranosides branched at C-3. Carbohydrate Research, 1991, 209, 311-318.	1.1	3
136	Single chain variable fragment fused to maltose binding protein: a modular nanocarrier platform for the targeted delivery of antitumorals. Biomaterials Science, 2021, 9, 1728-1738.	2.6	3
137	Prop-2-en-1-yl 4-(4,5-diphenyl-1H-imidazol-2-yl)benzoate. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o1105-o1106.	0.2	3
138	Reactions between diglycolaldehyde dithioacetals and some nucleophiles. Carbohydrate Research, 1981, 90, 315-318.	1.1	2
139	Synthesis and properties of some O -(2,2-dialkoxyethyl)glycolaldehydes. Carbohydrate Research, 1983, 114, 297-302.	1.1	2
140	Synthesis of 3-cyano-Î”2- and -Î”3-dihydro-pyran and -thiopyran derivatives. Carbohydrate Research, 1986, 156, 9-18.	1.1	2
141	Reaction of xylo-pentodialdo-1,4-furanose and 2-methyl-2-propanethiol. Carbohydrate Research, 1986, 153, 308-313.	1.1	2
142	Synthesis and properties of some O -[2,2-bis(alkylthio)ethyl]-glycolaldehydes. Carbohydrate Research, 1983, 114, 287-296.	1.1	1
143	Heptakis[6-S-(2,3-dihydroxypropyl)-6-thio] cyclomaltoheptaose and its sulfone: water-soluble Î²-cyclodextrin derivatives having modified polarity. Carbohydrate Research, 1996, 280, 315-321.	1.1	1
144	Synthesis of Glyco-Silicas by Cu(I)-Catalyzed â€œClick-Chemistryâ€•and their Applications in Affinity Chromatography. Advanced Synthesis and Catalysis, 2007, 349, 277-277.	2.1	1

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145	Synthesis of Cluster N-Glycosides Based on a -Cyclodextrin Core. Chemistry - A European Journal, 1999, 5, 1775-1784.	1.7	1
146	2,4,5-Triphenyl-1-(prop-2-en-1-yl)-1H-imidazole. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o988-o989.	0.2	1
147	Ethyl 4-(4-chloroanilino)-1-(4-chlorophenyl)-2-methyl-5-oxo-2,5-dihydro-1H-pyrrole-2-carboxylate. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o1761-o1762.	0.2	1
148	Ethyl 4-anilino-2-methyl-5-oxo-1-phenyl-2,5-dihydro-1H-pyrrole-2-carboxylate. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o1757-o1758.	0.2	1
149	Structure of a Calix[4]arene by X-ray diffraction. Acta Crystallographica Section A: Foundations and Advances, 2000, 56, s321-s321.	0.3	0
150	Response to a Comment on â€œDisposable Receptor-Based Optical Sensor for Nitrateâ€• Analytical Chemistry, 2007, 79, 2184-2185.	3.2	0
151	Improved DNA condensation, stability, and transfection with alkyl sulfonyl-functionalized PAMAM G2. Journal of Nanoparticle Research, 2015, 17, 1.	0.8	0
152	Response to Wilson et al. Comments on Lopez-Jaramillo et al. DivinylSulfone Cross-Linked Cyclodextrin-Based Polymeric Materials: Synthesis and Applications as Sorbents and Encapsulating Agents. Molecules, 2015, 20, 3565â€“3581.. Molecules, 2016, 21, 98.	1.7	0
153	Front Cover Picture: Vinyl Sulfonates: A Click Function for Coupling-and-Decoupling Chemistry and their Applications (Adv. Synth. Catal. 21/2016). Advanced Synthesis and Catalysis, 2016, 358, 3319-3319.	2.1	0
154	2-(2,5-Dimethoxyphenyl)-4,5-diphenyl-1-(prop-2-en-1-yl)-1H-imidazole. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o1098-o1099.	0.2	0
155	An Expeditious Route to an HO-4 Free d-GalNAc Building Block from d-GlcNAc. , 2017, , 263-270.		0