

Francisco Santoyo-Gonzalez

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

153
papers

3,654
citations

35
h-index

54
g-index

186
ext. papers

3,953
ext. citations

4.6
avg, IF

4.93
L-index

#	Paper	IF	Citations
153	Vinyl sulfonyl chemistry-driven unidirectional transport of a macrocycle through a [2]rotaxane. <i>Organic Chemistry Frontiers</i> , 2022 , 9, 633-642	5.2	1
152	Poly(ethylene-imine)-Functionalized Magnetite Nanoparticles Derivatized with Folic Acid: Heating and Targeting Properties. <i>Polymers</i> , 2021 , 13,	4.5	4
151	Wireless wearable wristband for continuous sweat pH monitoring. <i>Sensors and Actuators B: Chemical</i> , 2021 , 327, 128948	8.5	11
150	Single chain variable fragment fused to maltose binding protein: a modular nanocarrier platform for the targeted delivery of antitumorals. <i>Biomaterials Science</i> , 2021 , 9, 1728-1738	7.4	3
149	Polyethylenimine-Bisphosphonate-Cyclodextrin Ternary Conjugates: Supramolecular Systems for the Delivery of Antineoplastic Drugs. <i>Journal of Medicinal Chemistry</i> , 2021 , 64, 12245-12260	8.3	1
148	Enhancing a enzyme activity by computationally-focused ultra-low-throughput screening. <i>Chemical Science</i> , 2020 , 11, 6134-6148	9.4	11
147	A vinyl sulfone clicked carbon dot-engineered microfluidic paper-based analytical device for fluorometric determination of biothiols. <i>Mikrochimica Acta</i> , 2020 , 187, 421	5.8	11
146	Carbon dots-inspired fluorescent cyclodextrins: competitive supramolecular "off-on" (bio)sensors. <i>Nanoscale</i> , 2020 , 12, 9178-9185	7.7	4
145	NIR optical carbon dioxide gas sensor based on simple azaBODIPY pH indicators. <i>Analyst, The</i> , 2019 , 144, 3870-3877	5	6
144	Acid anhydride coated carbon nanodots: activated platforms for engineering clicked (bio)nanoconstructs. <i>Nanoscale</i> , 2019 , 11, 7850-7856	7.7	5
143	[2]Rotaxane End-Capping Synthesis by Click Michael-Type Addition to the Vinyl Sulfonyl Group. <i>Chemistry - A European Journal</i> , 2019 , 25, 6170-6179	4.8	5
142	Biological Evaluation and Docking Studies of Synthetic Oleanane-type Triterpenoids. <i>ACS Omega</i> , 2018 , 3, 11455-11468	3.9	5
141	PEI-NIR Heptamethine Cyanine Nanotheranostics for Tumor Targeted Gene Delivery. <i>Bioconjugate Chemistry</i> , 2018 , 29, 2561-2575	6.3	9
140	Self-adjuvanting C18 lipid vinyl sulfone-PP2A vaccine: study of the induced immunomodulation against infection. <i>Open Biology</i> , 2017 , 7,	7	7
139	Catalytic Materials Based on Surface Coating with Poly(ethyleneimine)-Stabilized Gold Nanoparticles. <i>ChemCatChem</i> , 2017 , 9, 3965-3973	5.2	12
138	De novo active sites for resurrected Precambrian enzymes. <i>Nature Communications</i> , 2017 , 8, 16113	17.4	36
137	An Expeditious Route to an HO-4 Free d-GalNAc Building Block from d-GlcNAc 2017 , 263-270		

136	Polyelectrolyte Complexes of Low Molecular Weight PEI and Citric Acid as Efficient and Nontoxic Vectors for in Vitro and in Vivo Gene Delivery. <i>Bioconjugate Chemistry</i> , 2016 , 27, 549-61	6.3	32
135	Functionalized immunostimulating complexes with protein A via lipid vinyl sulfones to deliver cancer drugs to trastuzumab-resistant HER2-overexpressing breast cancer cells. <i>International Journal of Nanomedicine</i> , 2016 , 11, 4777-4785	7.3	2
134	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. <i>Molecules</i> , 2015, 20, 3565-3581. <i>Molecules</i> , 2016 , 21, 98	4.8	
133	Vinyl sulfone-activated silica for efficient covalent immobilization of alkaline unstable enzymes: application to levansucrase for fructooligosaccharide synthesis. <i>RSC Advances</i> , 2016 , 6, 64175-64181	3.7	24
132	Front Cover Picture: Vinyl Sulfonates: A Click Function for Coupling-and-Decoupling Chemistry and their Applications (Adv. Synth. Catal. 21/2016). <i>Advanced Synthesis and Catalysis</i> , 2016 , 358, 3319-3319	5.6	
131	Vinyl Sulfonates: A Click Function for Coupling-and-Decoupling Chemistry and their Applications. <i>Advanced Synthesis and Catalysis</i> , 2016 , 358, 3394-3413	5.6	11
130	Polyethyleneimine-Coated Gold Nanoparticles: Straightforward Preparation of Efficient DNA Delivery Nanocarriers. <i>Chemistry - an Asian Journal</i> , 2016 , 11, 3365-3375	4.5	11
129	Tetrazine-based chemistry for nitrite determination in a paper microfluidic device. <i>Talanta</i> , 2016 , 160, 721-728	6.2	29
128	Divinyl sulfone cross-linked cyclodextrin-based polymeric materials: synthesis and applications as sorbents and encapsulating agents. <i>Molecules</i> , 2015 , 20, 3565-81	4.8	32
127	In vitro and in vivo evaluation of novel cross-linked saccharide based polymers as bile acid sequestrants. <i>Molecules</i> , 2015 , 20, 3716-29	4.8	8
126	Improved DNA condensation, stability, and transfection with alkyl sulfonyl-functionalized PAMAM G2. <i>Journal of Nanoparticle Research</i> , 2015 , 17, 1	2.3	
125	Monovinyl sulfone β -cyclodextrin. A flexible drug carrier system. <i>ChemMedChem</i> , 2014 , 9, 383-9	3.7	17
124	Dynamic self-assembly of polycationic clusters based on cyclodextrins for pH-sensitive DNA nanocondensation and delivery by component design. <i>Chemistry - A European Journal</i> , 2014 , 20, 6622-7	4.8	31
123	Engineered glycosylated amino dendritic polymers as specific nonviral gene delivery vectors targeting the receptor for advanced glycation end products. <i>Bioconjugate Chemistry</i> , 2014 , 25, 1151-61	6.3	9
122	Masked thiol sugars: chemical behavior and synthetic applications of S-glycopyranosyl-N-monoalkyl dithiocarbamates. <i>Chemistry - an Asian Journal</i> , 2014 , 9, 620-31	4.5	5
121	Vinyl sulfone silica: application of an open preactivated support to the study of transnitrosylation of plant proteins by S-nitrosoglutathione. <i>BMC Plant Biology</i> , 2013 , 13, 61	5.3	36
120	A bioinspired hybrid silica-protein material with antimicrobial activity by iron uptake. <i>Metallomics</i> , 2013 , 5, 193-6	4.5	3
119	Carbon dots for copper detection with down and upconversion fluorescent properties as excitation sources. <i>Chemical Communications</i> , 2013 , 49, 1103-5	5.8	226

118	Vinyl sulfone-based ferrocenylation reagents: applications in conjugation and bioconjugation. <i>Organic and Biomolecular Chemistry</i> , 2013 , 11, 2586-96	3.9	11
117	Synthesis of S- and N-Functionalized Dithiocarbamates from Cyclic Sulfates. <i>European Journal of Organic Chemistry</i> , 2013 , 2013, 3758-3763	3.2	3
116	2-(4-Chloro-phen-yl)-4,5-diphenyl-1-(prop-2-en-1-yl)-1H-imidazole. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013 , 69, o875-6		4
115	2,4,5-Triphenyl-1-(prop-2-en-1-yl)-1H-imidazole. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013 , 69, o988-9		1
114	Prop-2-en-1-yl 4-(4,5-diphenyl-1H-imidazol-2-yl)benzoate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013 , 69, o1105-6		3
113	Ethyl 4-(4-chloro-anilino)-1-(4-chloro-phen-yl)-2-methyl-5-oxo-2,5-di-hydro-1H-pyrrole-2-carboxyl-ate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013 , 69, o1761-2		1
112	2-(2,5-Di-meth-oxy-phen-yl)-4,5-diphenyl-1-(prop-2-en-1-yl)-1H-imidazole. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013 , 69, o1098-9		
111	Ethyl 4-anilino-2-methyl-5-oxo-1-phenyl-2,5-di-hydro-1H-pyrrole-2-carboxyl-ate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013 , 69, o1757-8		1
110	Electrochemiluminescent disposable cholesterol biosensor based on avidin-biotin assembling with the electroformed luminescent conducting polymer poly(luminol-biotinylated pyrrole). <i>Analytica Chimica Acta</i> , 2012 , 754, 91-8	6.6	32
109	Vinyl sulfone functionalization: a feasible approach for the study of the lectin-carbohydrate interactions. <i>Bioconjugate Chemistry</i> , 2012 , 23, 846-55	6.3	42
108	Vinyl Sulfone: A Multi-Purpose Function in Proteomics 2012 ,		2
107	Novel synthetic route for covalent coupling of biomolecules on super-paramagnetic hybrid nanoparticles. <i>Journal of Polymer Science Part A</i> , 2012 , 50, 3944-3953	2.5	24
106	One-Pot Three-Component Click Reaction of Cyclic Sulfates and Cyclic Sulfamidates. <i>Advanced Synthesis and Catalysis</i> , 2012 , 354, 1797-1803	5.6	18
105	Functionalization of immunostimulating complexes (ISCOMs) with lipid vinyl sulfones and their application in immunological techniques and therapy. <i>International Journal of Nanomedicine</i> , 2012 , 7, 5941-56	7.3	9
104	βCyclodextrin-based polycationic amphiphilic "click" clusters: effect of structural modifications in their DNA complexing and delivery properties. <i>Journal of Organic Chemistry</i> , 2011 , 76, 5882-94	4.2	70
103	Magnetic nanoparticles--templated assembly of protein subunits: a new platform for carbohydrate-based MRI nanoprobe. <i>Journal of the American Chemical Society</i> , 2011 , 133, 4889-95	16.4	72
102	Alkyl sulfonyl derivatized PAMAM-G2 dendrimers as nonviral gene delivery vectors with improved transfection efficiencies. <i>Organic and Biomolecular Chemistry</i> , 2011 , 9, 851-64	3.9	47
101	Synthetic Applications of Cyclic Sulfites, Sulfates and Sulfamidates in Carbohydrate Chemistry. <i>Current Organic Chemistry</i> , 2011 , 15, 401-432	1.7	21

100	Vinyl sulfone functionalized silica: a ready to use pre-activated material for immobilization of biomolecules. <i>Journal of Materials Chemistry</i> , 2010 , 20, 7189		45
99	Vinyl sulfone bifunctional tag reagents for single-point modification of proteins. <i>Journal of Organic Chemistry</i> , 2010 , 75, 4039-47	4.2	47
98	Evidence of non-functional redundancy between two pea h-type thioredoxins by specificity and stability studies. <i>Journal of Plant Physiology</i> , 2010 , 167, 423-9	3.6	8
97	Vinyl sulfone: a versatile function for simple bioconjugation and immobilization. <i>Organic and Biomolecular Chemistry</i> , 2010 , 8, 667-75	3.9	133
96	Non-Magnetic and Magnetic Supported Copper(I) Chelating Adsorbents as Efficient Heterogeneous Catalysts and Copper Scavengers for Click Chemistry. <i>Advanced Synthesis and Catalysis</i> , 2010 , 352, 3306-3320	5.6	74
95	Magnetic fluorescent Langmuir-Blodgett films of fluorophore-labeled ferritin nanoparticles. <i>Solid State Sciences</i> , 2009 , 11, 754-759	3.4	18
94	Ferrocene-carbohydrate conjugates as electrochemical probes for molecular recognition studies. <i>Chemistry - A European Journal</i> , 2009 , 15, 710-25	4.8	66
93	Ferrocene-beta-cyclodextrin conjugates: synthesis, supramolecular behavior, and use as electrochemical sensors. <i>Chemistry - A European Journal</i> , 2009 , 15, 8146-62	4.8	73
92	Click Multivalent Homogeneous Neoglycoconjugates [Synthesis and Evaluation of Their Binding Affinities. <i>European Journal of Organic Chemistry</i> , 2009 , 2009, 2441-2453	3.2	30
91	Double-armed crown ethers for calcium optical sensors. <i>Talanta</i> , 2009 , 78, 1484-8	6.2	12
90	Silica-based clicked hybrid glyco materials. <i>Chemical Society Reviews</i> , 2009 , 38, 3449-62	58.5	74
89	Preorganized macromolecular gene delivery systems: amphiphilic beta-cyclodextrin "click clusters". <i>Organic and Biomolecular Chemistry</i> , 2009 , 7, 2681-4	3.9	70
88	Click Multivalent Heterogeneous Neoglycoconjugates [Modular Synthesis and Evaluation of Their Binding Affinities. <i>European Journal of Organic Chemistry</i> , 2009 , 2009, 2454-2473	3.2	53
87	Synthesis of calixarene-based cavitands and nanotubes by click chemistry. <i>Journal of Organic Chemistry</i> , 2008 , 73, 7768-71	4.2	59
86	Electrochemically and photochemically active Palladium(II) heterotopic metallacalix[3]arenes. <i>Chemical Communications</i> , 2008 , 3735-7	5.8	16
85	Synthesis of molecular nanocages by click chemistry. <i>Journal of Organic Chemistry</i> , 2008 , 73, 7772-4	4.2	22
84	Response to a Comment on Disposable Receptor-Based Optical Sensor for Nitrate [Analytical Chemistry, 2007 , 79, 2184-2185	7.8	
83	Azide-Alkyne 1,3-Dipolar Cycloadditions: a Valuable Tool in Carbohydrate Chemistry. <i>Topics in Heterocyclic Chemistry</i> , 2007 , 133-177	0.2	57

82	Synthesis of Glyco-Silicas by Cu(I)-Catalyzed Click-Chemistry and their Applications in Affinity Chromatography. <i>Advanced Synthesis and Catalysis</i> , 2007 , 349, 277-277	5.6	1
81	Click multivalent neoglycoconjugates as synthetic activators in cell adhesion and stimulation of monocyte/macrophage cell lines. <i>Organic and Biomolecular Chemistry</i> , 2007 , 5, 2291-301	3.9	73
80	Synthesis of Glyco-Silicas by Cu(I)-Catalyzed Click-Chemistry and their Applications in Affinity Chromatography. <i>Advanced Synthesis and Catalysis</i> , 2006 , 348, 2410-2420	5.6	83
79	Tuning the structural and magnetic properties of thermally robust coordination polymers. <i>Inorganic Chemistry</i> , 2006 , 45, 7612-20	5.1	31
78	Disposable receptor-based optical sensor for nitrate. <i>Analytical Chemistry</i> , 2005 , 77, 4459-66	7.8	20
77	Synthesis of multivalent neoglycoconjugates by 1,3 dipolar cycloaddition of nitrile oxides and alkynes and evaluation of their lectin-binding affinities. <i>Tetrahedron</i> , 2005 , 61, 9338-9348	2.4	20
76	Development of a One-Shot Optical Citrate Sensor Based on a Guanidinium Synthetic Receptor. <i>Mikrochimica Acta</i> , 2005 , 151, 93-100	5.8	18
75	Production, crystallization and X-ray characterization of chemically glycosylated hen egg-white lysozyme. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2005 , 61, 435-8		12
74	Structure of concanavalin A at pH 8: bound solvent and crystal contacts. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2004 , 60, 1048-56		6
73	Reactivity of 2-deoxy-2-iodoglycosyl isothiocyanates with O-, S-, and N-nucleophiles. Synthesis of glycopyranoso-fused thiazoles. <i>Journal of Organic Chemistry</i> , 2004 , 69, 202-5	4.2	9
72	Calcium selective test strip for water and milk. <i>Analyst, The</i> , 2004 , 129, 783-8	5	6
71	Convenient methods for the synthesis of ferrocene-carbohydrate conjugates. <i>Organic Letters</i> , 2004 , 6, 3687-90	6.2	125
70	Multivalent neoglycoconjugates by regiospecific cycloaddition of alkynes and azides using organic-soluble copper catalysts. <i>Organic Letters</i> , 2003 , 5, 1951-4	6.2	286
69	Characterisation of a transparent optical test strip for quantification of water hardness. <i>Analytica Chimica Acta</i> , 2003 , 481, 139-148	6.6	35
68	Dendritic galactosides based on a beta-cyclodextrin core for the construction of site-specific molecular delivery systems: synthesis and molecular recognition studies. <i>Chemistry - A European Journal</i> , 2002 , 8, 812-27	4.8	38
67	Synthesis of Glycosylamines from Glycosyl Isothiocyanates and Bis(tributyltin) Oxide. <i>European Journal of Organic Chemistry</i> , 2001 , 2001, 383-390	3.2	15
66	Synthesis of Cyclodextrin, Per-O-glycosylated through an Ethylene Glycol Spacer Arm. <i>Synthesis</i> , 2001 , 2001, 1057	2.9	8
65	Synthesis of Deeper Calix-sugar-Based on the Sonogashira Reaction. <i>Synlett</i> , 2001 , 2001, 1699-1702	2.2	15

64	Palladium-Mediated Oxidative Homocoupling of Prop-2-ynyl Glycosides: Application Toward the Synthesis of Symmetrical Conjugated Sugar Diynes. <i>Synthesis</i> , 2001 , 2001, 1049	2.9	12
63	Binding affinity properties of dendritic glycosides based on a beta-cyclodextrin core toward guest molecules and concanavalin A. <i>Journal of Organic Chemistry</i> , 2001 , 66, 7786-95	4.2	42
62	Synthesis of "sugar-rods" with phytohemagglutinin cross-linking properties by using the palladium-catalyzed Sonogashira reaction. <i>Chemistry - A European Journal</i> , 2000 , 6, 1757-62	4.8	42
61	. <i>European Journal of Organic Chemistry</i> , 2000 , 2000, 1945-1952	3.2	47
60	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. <i>European Journal of Organic Chemistry</i> , 2000 , 2000, 3587-3593	3.2	13
59	Regioselective Monoalkylation of Calixarenes. Synthesis of Homodimer Calixarenes. <i>Journal of Organic Chemistry</i> , 2000 , 65, 4409-4414	4.2	33
58	1,3-dipolar cycloadditions as a tool for the preparation of multivalent structures. <i>Organic Letters</i> , 2000 , 2, 2499-502	6.2	74
57	Synthesis of persialylated beta-cyclodextrins. <i>Journal of Organic Chemistry</i> , 2000 , 65, 8743-6	4.2	38
56	Transition metal catalyzed neoglycoconjugate syntheses. <i>Pure and Applied Chemistry</i> , 1999 , 71, 565-571	2.1	47
55	Synthesis of Bridged Thiourea Calix-sugar. <i>Synlett</i> , 1999 , 1999, 1891-1894	2.2	23
54	Synthesis of 2-Deoxyglycopyranosyl Thioureas from Glycals. <i>Synthesis</i> , 1999 , 1999, 2049-2052	2.9	3
53	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. <i>Synlett</i> , 1999 , 1999, 593-595	2.2	9
52	A Practical Amine-Free Synthesis of Symmetric Ureas and Thioureas by Self-Condensation of Iso(thio)cyanates. <i>Synthesis</i> , 1999 , 1999, 1907-1914	2.9	33
51	Synthesis of 3,6-anhydro sugars from cyclic sulfites and sulfates and their applications in the preparation of bicyclonucleoside analogues of ddC and ddA. <i>Tetrahedron</i> , 1999 , 55, 14649-14664	2.4	30
50	Synthesis of Disaccharides, Containing Sulfur in the Ring of the Reducing Monosaccharide Unit, Through a Nonglycosylating Chemical Strategy. <i>Chemistry - A European Journal</i> , 1999 , 5, 1512-1525	4.8	13
49	Synthesis of Cluster N-Glycosides Based on a β -Cyclodextrin Core. <i>Chemistry - A European Journal</i> , 1999 , 5, 1775-1784	4.8	39
48	Synthesis of Per-Glycosylated β -Cyclodextrins Having Enhanced Lectin Binding Affinity. <i>Journal of Organic Chemistry</i> , 1999 , 64, 522-531	4.2	75
47	Synthesis of Cluster N-Glycosides Based on a β -Cyclodextrin Core 1999 , 5, 1775		1

46	Synthesis of 6-Deoxyheptose Derivatives via Cyclic Sulfates and Oxetanes. <i>Synthesis</i> , 1998 , 1998, 1778-1786	2.9	6
45	Use of N-Pivaloyl Imidazole as Protective Reagent for Sugars. <i>Synthesis</i> , 1998 , 1998, 1787-1792	2.9	11
44	Efficient One-pot Syntheses of Chloroacetyl and S-Acetylmercaptoacetyl N-Glycosides from Glycosyl Azides. <i>Synlett</i> , 1997 , 1997, 265-266	2.2	15
43	Expeditious synthesis of monosulfated thio-linked disaccharides. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1997 , 1079-1082		11
42	Applications of Cyclic Sulfates of vic-Diols: Synthesis of Episulfides, Olefins, and Thio Sugars. <i>Journal of Organic Chemistry</i> , 1997 , 62, 3944-3961	4.2	54
41	Heptakis[6-S-(2,3-dihydroxypropyl)-6-thio] cyclomaltoheptaose and its sulfone: water-soluble beta-cyclodextrin derivatives having modified polarity. <i>Carbohydrate Research</i> , 1996 , 280, 315-21	2.9	1
40	Synthesis of sugar episulfides and olefins from vic-diols via cyclic sulfates. <i>Journal of the Chemical Society Chemical Communications</i> , 1995 , 461-462		15
39	Radical Elimination of vicinal phenylselenide and xanthate azides in sugar derivatives. <i>Synlett</i> , 1994 , 1994, 454-456	2.2	9
38	Use of Diphenylacetyl Chloride as Protective Reagent for Sugars. <i>Synthesis</i> , 1994 , 1994, 97-101	2.9	4
37	Synthesis and transformations of 2-deoxy-2-iodo-pyranosyl isothiocyanates from glycals. <i>Tetrahedron</i> , 1994 , 50, 2877-2894	2.4	20
36	Synthesis of phenyl 2-azido-2-deoxy-1-selenoglycosides from disaccharidic glycals. <i>Carbohydrate Research</i> , 1994 , 260, 319-321	2.9	6
35	Selective pivaloylation and diphenylacetylation of cyclomalto-oligosaccharides. <i>Carbohydrate Research</i> , 1994 , 262, 271-82	2.9	7
34	Synthesis of phenyl 2-azido-2-deoxy-1-selenoglycosides from glycals. <i>Journal of Organic Chemistry</i> , 1993 , 58, 6122-6125	4.2	63
33	A Short Synthesis of Dihydroxyspirohydantoins from 1,5-Dialdehydes. <i>Synthesis</i> , 1992 , 1992, 631-632	2.9	5
32	Conformational analysis on cyclohexane, oxane, and thiane derivatives bearing two geminal electron-withdrawing groups and acetoxy substituents at the 1 and 2 carbons. <i>Tetrahedron</i> , 1992 , 48, 6839-6852	2.4	3
31	Improved preparation of hexakis(6-deoxy)cyclomalto-hexaose and heptakis(6-deoxy)cyclomaltoheptaose. <i>Carbohydrate Research</i> , 1992 , 228, 307-314	2.9	48
30	Synthesis of some further C-3 branched 3-amino-2,3,6-trideoxysugars, related to daunosamine, as potential components for structurally modified anthracyclines. <i>Carbohydrate Research</i> , 1992 , 237, 145-160	2.9	8
29	Synthesis of a cycloheptaose consisting of (1- α)-linked 7-amino-6,7-dideoxy- β -gluco-heptopyranosyl units: A new analog of cyclomaltoheptaose. <i>Carbohydrate Research</i> , 1992 , 235, 129-139	2.9	21

28	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. <i>Carbohydrate Research</i> , 1991 , 209, 131-143	2.9	5
27	Synthesis of methyl 3-amino-3,6-dideoxy- β -hexopyranosides branched at C-3. <i>Carbohydrate Research</i> , 1991 , 209, 311-318	2.9	3
26	Synthesis of methyl 3-deoxy-3-nitroheptoseptanosides. <i>Carbohydrate Research</i> , 1991 , 209, 155-165	2.9	8
25	Reductive decyanation of 3-amino-3-cyano-3-deoxy sugars with sodium borohydride. A new approach to 3-amino-3-deoxy sugars.. <i>Tetrahedron Letters</i> , 1991 , 32, 1371-1374	2	3
24	Use of potassium fluoride in the cyclization of 3-hetero-1,5-dialdehydes with nitromethane and ethyl nitroacetate. <i>Tetrahedron</i> , 1990 , 46, 4083-4090	2.4	1
23	Synthesis of L-gulose, L-galactose, and their acetylated aldehydo forms from 6-S-phenyl-6-thio-D-hexoses. <i>Carbohydrate Research</i> , 1990 , 202, 33-47	2.9	23
22	Behaviour of the gem-cyano-ethoxycarbonyl cyclohexane, thiopyran and pyran derivatives with sodium borohydride and lithium aluminium hydride. <i>Tetrahedron</i> , 1990 , 46, 5673-5684	2.4	3
21	Synthesis of 3-C-carbamoyl-3-C-cyano-3-deoxyhexopyranosides by cyclization of dialdehydes with cyanoacetamide. <i>Carbohydrate Research</i> , 1990 , 207, 81-90	2.9	3
20	Synthesis and Reactivity of Sugars with Two Branches at C-3. <i>Synlett</i> , 1990 , 1990, 715-724	2.2	5
19	Synthesis of some 3-alkoxycarbonyl-3-C-cyano-3-deoxyglycosides by the reaction of 1,5-dialdehydes with cyanoesters. <i>Carbohydrate Research</i> , 1989 , 194, 171-183	2.9	3
18	Pummerer rearrangements and similar reactions of some six-membered cyclic sulphoxides: Synthesis of 3-deoxy-5-thiopentopyranoses branched at C-3. <i>Carbohydrate Research</i> , 1988 , 183, 227-240	2.9	16
17	Reactions of d-glucose, d-xylose, and d-erythrose with 2-methyl-2-propanethiol. <i>Carbohydrate Research</i> , 1987 , 163, 29-39	2.9	3
16	Synthesis of 3-cyano- α - and - β -dihydro-pyran and -thiopyran derivatives. <i>Carbohydrate Research</i> , 1986 , 156, 9-18	2.9	1
15	Use of 2-methyl-2-propanethiol in the synthesis of C-thioglycosyl derivatives. <i>Carbohydrate Research</i> , 1986 , 155, 151-159	2.9	6
14	Reaction of xylo-pentodialdo-1,4-furanose and 2-methyl-2-propanethiol. <i>Carbohydrate Research</i> , 1986 , 153, 308-313	2.9	1
13	Synthesis of C-glycopyranosylfuran derivatives by reaction of dialdehydes with cyanoacetamide. <i>Carbohydrate Research</i> , 1986 , 147, 237-245	2.9	8
12	Reaction of 3-hetero-1,5-dialdehydes with tert-butyl cyanoacetate. <i>Carbohydrate Research</i> , 1986 , 152, 99-111	2.9	5
11	Loss or transfer of an acetyl group during Knoevenagel reactions of aldehydo sugars with acetylacetone. <i>Carbohydrate Research</i> , 1985 , 135, 303-311	2.9	7

10	Synthesis and properties of some O-(2,2-dialkoxyethyl)glycolaldehydes. <i>Carbohydrate Research</i> , 1983 , 114, 297-302	2.9	1
9	Synthesis and properties of some O-[2,2-bis(alkylthio)ethyl]-glycolaldehydes. <i>Carbohydrate Research</i> , 1983 , 114, 287-296	2.9	0
8	A new improved synthesis of anhydrous diglycolaldehyde. <i>Carbohydrate Research</i> , 1982 , 111, 157-162	2.9	8
7	Acetals and thioacetals from thiodiglycolaldehyde: Some oxidation products. <i>Carbohydrate Research</i> , 1982 , 110, 195-205	2.9	5
6	Preparation of some diglycolaldehyde acetals. <i>Carbohydrate Research</i> , 1982 , 107, 279-284	2.9	3
5	Synthesis and structures of some diglycolaldehyde thioacetals. <i>Carbohydrate Research</i> , 1982 , 102, 69-81	2.9	7
4	Transformations of diglycolaldehyde dithioacetals in the presence of boron trifluoride-ether complex. <i>Carbohydrate Research</i> , 1981 , 95, 117-122	2.9	6
3	Synthesis and Properties of Thiodiglycolaldehyde. <i>Carbohydrate Research</i> , 1981 , 90, 309-314	2.9	10
2	Reactions between diglycolaldehyde dithioacetals and some nucleophiles. <i>Carbohydrate Research</i> , 1981 , 90, 315-318	2.9	2
1	Divinyl Sulfone1-8		