Ana M. Gmez

List of Publications by Citations

120 papers	2,226 citations	24 h-index	39 g-index
172 ext. papers	2,471 ext. citations	4.8 avg, IF	4.58 L-index

#	Paper	IF	Citations
120	Synthesis and conformational and biological aspects of carbasugars. *Chemical Reviews*, **2007**, 107, 1919-2036	46.6	291
119	Recent Developments in the Ferrier Rearrangement. *European Journal of Organic Chemistry*, **2013**, 2013, 7221-7262	3.2	109
118	Ferrier Rearrangement under Nonacidic Conditions Based on Iodonium-Induced Rearrangements of Allylic n-Pentenyl Esters, n-Pentenyl Glycosides, and Phenyl Thioglycosides. *Journal of Organic Chemistry*, **1995**, 60, 3851-3858	4.2	73
117	Reciprocal Donor Acceptor Selectivity (RDAS) and Paulsen's Concept of "Match" in Saccharide Coupling. *European Journal of Organic Chemistry*, **2004**, 2004, 1387-1395	3.2	62
116	Role of aromatic rings in the molecular recognition of aminoglycoside antibiotics: implications for drug design. *Journal of the American Chemical Society*, **2010**, 132, 12074-90	16.4	49
115	A dynamic combinatorial approach for the analysis of weak carbohydrate/aromatic complexes: dissecting facial selectivity in CH/π stacking interactions. *Journal of the American Chemical Society*, **2013**, 135, 3347-50	16.4	42
114	Unexpected role of O-2 "protecting" groups of glycosyl donors in mediating regioselective glycosidation. *Journal of the American Chemical Society*, **2002**, 124, 3198-9	16.4	41
113	Iterative, orthogonal strategy for oligosaccharide synthesis based on the regioselective glycosylation of polyol acceptors with partially unprotected n-pentenyl-orthoesters: further evidence for reciprocal donor acceptor selectivity (RDAS). *Chemical Communications*, **2005**, 5088-90	5.8	38
112	A thorough experimental study of CH/π interactions in water: quantitative structure-stability relationships for carbohydrate/aromatic complexes. *Chemical Science*, **2015**, 6, 6076-6085	9.4	36
111	Synthesis of Carbasugars Based on Ring Closing Metathesis: 2000-2006. *Mini-Reviews in Organic Chemistry*, **2007**, 4, 201-216	1.7	36
110	Leads for development of new naphthalenesulfonate derivatives with enhanced antiangiogenic activity: crystal structure of acidic fibroblast growth factor in complex with 5-amino-2-naphthalene sulfonate. *Journal of Biological Chemistry*, **2003**, 278, 21774-81	5.4	36
109	Relevance of the glycosyl donor to the regioselectivity of glycosidation of primary-secondary diol acceptors and application of these ideas to in situ three-component double differential glycosidation. *Organic Letters*, **2005**, 7, 4899-902	6.2	35
108	Serial Radical Cyclization of Pyranose-Derived Dienes in the Stereocontrolled Synthesis of Woodward's Reserpine Precursor. *Journal of Organic Chemistry*, **1995**, 60, 3859-3870	4.2	35
107	One pot/two donors/one diol give one differentiated trisaccharide: powerful evidence for reciprocal donor-acceptor selectivity (RDAS). *Chemical Communications*, **2002**, 2104-5	5.8	32
106	Serial Radical Reactions of Glycals: Ready Routes to Highly Functionalized C-Glycosyl Derivatives. *Journal of Organic Chemistry*, **1995**, 60, 3871-3878	4.2	31
105	Thioglycoside and trichloroacetimidate donors in regioselective glycosidations. Comparison with n-pentenyl glycosides. *Tetrahedron Letters*, **2003**, 44, 1417-1420	2	30
104	Regio- and Stereocontrolled 6-Endo-TrigRadical Cyclization of Vinyl Radicals:A Novel Entry to Carbasugars from Carbohydrates. *Journal of Organic Chemistry*, **1998**, 63, 9626-9627	4.2	28

103	A novel strategy for regio- and stereo-control in glycosylation reactions: template-directed cyclo-glycosylation of monosaccharides. *Journal of the Chemical Society Chemical Communications*, **1995**, 2005-2006		28
102	IPy2BF4-mediated transformation of n-pentenyl glycosides to glycosyl fluorides: a new pair of semiorthogonal glycosyl donors. *Organic Letters*, **2007**, 9, 2759-62	6.2	27
101	Reciprocal donor acceptor selectivity (RDAS): A new concept for "matching" donors with acceptors. *Canadian Journal of Chemistry*, **2002**, 80, 1075-1087	0.9	27
100	Regio- and stereochemistry of cross coupling of organocopper reagents with allyl ethers: effect of the leaving group. *Journal of Organic Chemistry*, **1990**, 55, 2294-2298	4.2	26
99	Template directed cyclo-glycosylation: Effect of the anchoring sites of the spacer and temperature in the regio- and stereo-selectivity of the glycosylation. *Tetrahedron Letters*, **1996**, 37, 1105-1108	2	25
98	Modulating weak interactions for molecular recognition: a dynamic combinatorial analysis for assessing the contribution of electrostatics to the stability of CH-□bonds in water. *Angewandte Chemie - International Edition*, **2015**, 54, 4344-8	16.4	24
97	Stereoselective synthesis of substituted exo-glycals from 1-exo-methylene pyranoses. *Tetrahedron Letters*, **2003**, 44, 6111-6116	2	24
96	A Stereodivergent Approach to 5a-Carba-□D-gluco-, -□D-galacto and -□L-gulopyranose Pentaacetates from D-Mannose, Based on 6-exo-dig Radical Cyclization and Barton□McCombie Radical Deoxygenation. *European Journal of Organic Chemistry*, **2004**, 2004, 1830-1840	3.2	23
95	Synthesis of novel functionalized monocyclic 2-azetidinones from N,N'-diaryl-□diimines and lithium ester enolates. *Tetrahedron*, **1989**, 45, 2751-2762	2.4	23
94	A Simple Entry to Pyranoid Glycals: Reaction of Anomeric Glycosyl Sulfoxides with Organolithiums. *Synlett*, **1996**, 1996, 628-630	2.2	21
93	Six- versus five-membered ring formation in radical cyclization of 1-vinyl-5-methyl-5-hexenyl radicals. *Tetrahedron Letters*, **2002**, 43, 4997-5000	2	21
92	Serial Radical Cyclization of Pyranose-Derived Dienes in the Stereocontrolled Synthesis of Densely Functionalized Cyclohexanes. A Route to Woodward's Reserpine Precursor. *Journal of Organic Chemistry*, **1994**, 59, 4048-4050	4.2	21
91	One-Pot Synthesis of Rotationally Restricted, Conjugatable, BODIPY Derivatives from Phthalides. *Journal of Organic Chemistry*, **2017**, 82, 1240-1247	4.2	20
90	Dissecting the Essential Role of Anomeric □Triflates in Glycosylation Reactions. *Journal of the American Chemical Society*, **2020**, 142, 12501-12514	16.4	20
89	Convenient Access to Carbohydrate□BODIPY Hybrids by Two Complementary Methods Involving One-Pot Assembly of □Clickable□BODIPY Dyes. *European Journal of Organic Chemistry*, **2014**, 2014, 5659-5663	3.2	20
88	A general stereodivergent strategy for the preparation of carbasugars. Syntheses of 5a-carba-□d-glucose, □d-galactose, and □l-gulose pentaacetates from d-mannose. *Tetrahedron Letters*, **2002**, 43, 5559-5562	2	20
87	One-pot synthesis of 1-exo-alkylidene-2,3-anhydro furanoses: convenient precursors for exo-glycals and functionalized C-glycals. *Chemical Communications*, **2002**, 2022-3	5.8	20
86	A general method for convergent synthesis of functionalized exo-glycals based on halogenation and Suzuki cross-coupling of 1-exo-methylene sugars. *Chemical Communications*, **2002**, 2024-5	5.8	20

85	Protecting Groups in Carbohydrate Chemistry Profoundly Influence All Selectivities in Glycosyl Couplings. *ACS Symposium Series*, **2007**, 91-117	0.4	19
84	A substrate-based approach to skeletal diversity from dicobalt hexacarbonyl (C1)-alkynyl glycals by exploiting its combined Ferrier-Nicholas reactivity. *Chemistry - A European Journal*, **2014**, 20, 10492-502	4.8	18
83	Impact of Aromatic Stacking on Glycoside Reactivity: Balancing CH/ and Cation/ Interactions for the Stabilization of Glycosyl-Oxocarbenium Ions. *Journal of the American Chemical Society*, **2019**, 141, 13372-13384	16.4	17
82	Synthesis of Pyranoid and Furanoid Glycals from Glycosyl Sulfoxides by Treatment with Organolithium Reagents. *European Journal of Organic Chemistry*, **2008**, 2008, 3933-3942	3.2	17
81	Formation and reactivity of novel pyranosidic nicholas oxocarbenium ions: access to C-ketosides and branched-chain C-ketosides. *Organic Letters*, **2006**, 8, 3187-90	6.2	17
80	Convergent stereocontrolled synthesis of substituted exo-glycals by Stille cross-coupling of halo-exo-glycals and stannanes. *Tetrahedron Letters*, **2006**, 47, 6243-6246	2	17
79	Stereoselective synthesis of C-ketosides by Lewis acid-catalyzed C-glycosylation of alkynyl-ketoses. *Tetrahedron Letters*, **2002**, 43, 8935-8940	2	17
78	Unexpected remarkable stability of primary ozonides derived from alkenyl stannanes. One-pot synthesis of 1,2-diols from alkynes. *Organic Letters*, **2002**, 4, 383-6	6.2	17
77	A novel entry to 5a-carba-hexopyranoses from carbohydrates based on a 6-exo-dig radical cyclization: synthesis of 5a-carba- -D-mannopyranose pentaacetate. *Chemical Communications*, **1999**, 175-176	5.8	17
76	Unexpected stereocontrolled access to 1 ,1' disaccharides from methyl 1,2-ortho esters. *Journal of Organic Chemistry*, **2012**, 77, 795-800	4.2	16
75	Sonogashira Couplings of Halo- and Epoxy-Halo-exo-Glycals: Concise Entry to Carbohydrate-Derived Enynes. *European Journal of Organic Chemistry*, **2010**, 2010, 2910-2920	3.2	16
74	A novel entry to naturally occurring 5-alkenyl unsaturated lactones from d-glucose: syntheses of(+)-acetylphomalactone and (+)-asperlin. *Chemical Communications*, **1997**, 1647-1648	5.8	16
73	Photochemically Induced Addition of 2-Propanol to Hex-2-enono- lactones Followed by Radical Cyclization: A Novel Entry to Branched Cyclohexanes and Cyclopentanes from Carbohydrates. *Journal of Organic Chemistry*, **1997**, 62, 6612-6614	4.2	16
72	An expeditious entry to carbohydrate derived enynes and ene-diynes via Sonogashira coupling of halo-exo-glycals. *Tetrahedron Letters*, **2004**, 45, 6307-6310	2	16
71	Stereodivergent synthesis of 5a-carba-hexopyranoses from carbohydrates via 6-exo-dig radical cyclization: preparation of 5a-carba- -d-manno-, -d-allo-, -l-talo- and -l-gulopyranose pentaacetates from d-mannose. *Tetrahedron: Asymmetry*, **2003**, 14, 2961-2974		16
70	Improved synthesis of 2,3:4,6-di-O-isopropylidene-d-glucopyranose and -d-galactopyranose. *Carbohydrate Research*, **1999**, 320, 138-142	2.9	16
69	Ferrier rearrangement: an update on recent developments. *Carbohydrate Chemistry*,210-247	3	16
68	Ready access to a branched Man5 oligosaccharide based on regioselective glycosylations of a mannose-tetraol with n-pentenyl orthoesters. *Organic and Biomolecular Chemistry*, **2012**, 10, 8361-70	3.9	15

67	Synthesis of C-1 Alkyl and Aryl Glycals from Pyranosyl or Furanosyl Chlorides by Treatment with Organolithium Reagents. *European Journal of Organic Chemistry*, **2009**, 2009, 3579-3588	3.2	15
66	Reaction of 1,2-orthoesters with HF-pyridine: a method for the preparation of partly unprotected glycosyl fluorides and their use in saccharide synthesis. *Organic Letters*, **2009**, 11, 4128-31	6.2	15
65	IPy2BF4/HF-pyridine: a new combination of reagents for the transformation of partially unprotected thioglycosides and n-pentenyl glycosides to glycosyl fluorides. *Journal of Organic Chemistry*, **2007**, 72, 10268-71	4.2	15
64	A combined intramolecular□ntermolecular one-potglycosylation approach for the synthesis of a branched trisaccharide. *Chemical Communications*, **2000**, 813-814	5.8	15
63	Expeditious entry to C-alkyl and C-aryl pyranoid glycals: reaction of anomeric glycosyl chlorides with organolithiums. *Chemical Communications*, **1996**, 2357-2358	5.8	15
62	Practical synthesis of an enantiomerically pure intermediate of the lactone moiety of mevinic acids. *Journal of Organic Chemistry*, **1992**, 57, 1613-1615	4.2	15
61	A route to unsaturated spiroketals from phenylthio hex-2-enopyranosides via sequential alkylation, allylic rearrangement and intramolecular glycosidation. *Journal of the Chemical Society Chemical Communications*, **1991**, 1207		15
60	Formation and reactivity of new Nicholas-Ferrier pyranosidic cations: novel access to oxepanes via a 1,6-hydride shift/cyclization sequence. *Chemical Communications*, **2010**, 46, 6159-61	5.8	14
59	Silicon-tethered radical cyclization and intramolecular Diels□Alder strategies are combined to provide a ready route to highly functionalized decalins. *Journal of the Chemical Society Chemical Communications*, **1993**, 762-764		14
58	A Convenient, Short Synthesis of (E)-1,3-Butadienyl(tributyl)stannane. *Synthesis*, **1993**, 1993, 943-944	2.9	14
57	6-endo Versus 5-exo radical cyclization: streamlined syntheses of carbahexopyranoses and derivatives by 6-endo-trig radical cyclization. *Tetrahedron Letters*, **2007**, 48, 1645-1649	2	13
56	Free-radical reactions of some phenylthio-2,3-dideoxyhex-2-enopyranosides. *Tetrahedron Letters*, **1990**, 31, 1467-1470	2	13
55	Methyl 1,2-Orthoesters as Useful Glycosyl Donors in Glycosylation Reactions: A Comparison with n-Pent-4-enyl 1,2-Orthoesters. *European Journal of Organic Chemistry*, **2012**, 2012, 3122-3131	3.2	12
54	Reciprocal Donor□Acceptor Selectivity: the Influence of the Donor O-2 Substituent in the Regioselective Mannosylation of myo-Inositol Orthopentanoate. *European Journal of Organic Chemistry*, **2009**, 2009, 403-411	3.2	12
53	A novel entry to C-glycals via diethylzinc-mediated umpolung of □allyl palladium derived from 1-exo-methylene 2,3-anhydrofuranoses. *Tetrahedron Letters*, **2003**, 44, 8433-8435	2	12
52	A Survey of Recent Synthetic Applications of 2,3-Dideoxy-Hex-2-enopyranosides. *Molecules*, **2015**, 20, 8357-94	4.8	11
51	A combined, 6-exo-dig radical cyclization-palladium catalyzed allylic amination, approach to aminocarbasugar analogs: synthesis of novel N-substituted aminocyclitols from d-mannose. *Tetrahedron Letters*, **2002**, 43, 7863-7866	2	11
50	Some Aspects of Selectivity in the Reaction of Glycosyl Donors*View all notes. *Journal of Carbohydrate Chemistry*, **2005**, 24, 665-675	1.7	11

49	Synthesis of 2,3:4,6-di-O-isopropylidene-D-allopyranose from D-glucose. *Carbohydrate Research*, **2005**, 340, 1872-5	2.9	10
48	Some studies on proximal addition–elimination procedures in intermolecular carbon–carbon bond-forming free radical reactions. Convenient synthesis of ethyl (E)-(ethyl 2,3,6,7,8-pentadeoxy-D-erythro-nona-2,7-dienopyranosid)uronate. *Journal of the Chemical Society Perkin Transactions 1*, **1994**, 1689-1695		10
47	A novel entry to cyclohexanes and cyclopentanes from carbohydrates via inversion of radical reactivity in hex-2-enono-lactones. *Journal of the Chemical Society Chemical Communications*, **1992**, 613-615		10
46	Cross coupling reactions of 2-(allyloxy(thio))benzothiazoles with organocopper reagents in dihydropyranoid systems. Mechanistic implications of the substrate and the reagent: regio- and stereocontrolled access to branched-chain sugars.. *Journal of Organic Chemistry*, **1992**, 57, 4546-4550	4.2	10
45	A survey of Ley's reactivity tuning in oligosaccharide synthesis. *Topics in Current Chemistry*, **2011**, 301, 31-68		9
44	Three-component assembly of amines, boronic acids, and a polyfunctionalized furanose: a concise entry to furanose-based carbohydrate templates. *Journal of Organic Chemistry*, **2009**, 74, 6323-6	4.2	9
43	1-exo-Alkylidene-2,3-anhydrofuranoses: Valuable Synthons in the Preparation of Furanose-Based Templates. *European Journal of Organic Chemistry*, **2010**, 2010, 5619-5632	3.2	9
42	Synthesis of complex carbobicyclic compounds from sugar allyltins: functionalization of the allylic position in bicyclo[4.3.0]nonene derivatives. *Tetrahedron: Asymmetry*, **2005**, 16, 513-518		9
41	Stereocontrolled entry to C-glycosides and bis-C,C-glycosides from C-glycals: preparation of a highly functionalized triene from d-mannose. *Tetrahedron: Asymmetry*, **2001**, 12, 2175-2183		9
40	A Reverse Strategy for synthesis of nucleosides based on n-pentenyl orthoester donors. *Chemical Communications*, **2013**, 49, 3251-3	5.8	8
39	Modulating Weak Interactions for Molecular Recognition: A Dynamic Combinatorial Analysis for Assessing the Contribution of Electrostatics to the Stability of CH Bonds in Water. *Angewandte Chemie*, **2015**, 127, 4418-4422	3.6	8
38	Stereodivergent Synthesis of Carbasugars from D-Mannose. Syntheses of 5a-Carba-D-allose, L-Talose, and L-Gulose Pentaacetates. *Synlett*, **2002**, 2002, 0891-0894	2.2	8
37	Fine tuning of chemo- and stereo-selectivity in cyclization reactions of tethered radicals derived from 4-O-substituted-D-erythro-oct-2,6-dienopyranosides. Stereoselective access to carbocycles and branched-chain sugars. *Journal of the Chemical Society Chemical Communications*, **1994**, 1533-1534		8
36	Methyl 1,2-Orthoesters in Acid-Washed Molecular Sieves Mediated Glycosylations. *ChemistrySelect*, **2016**, 1, 6011-6015	1.8	7
35	Ready Transformation of Partially Unprotected Thioglycosides into Glycosyl Fluorides Mediated by NIS/HF Pyridine or Et3N 3HF. *European Journal of Organic Chemistry*, **2008**, 2008, 5037-5041	3.2	7
34	Novel strategies for the preparation of aminocarbasugar analogues: syntheses of N-substituted aminocyclitols from d-mannose. *Tetrahedron: Asymmetry*, **2005**, 16, 2401-2407		7
33	Study of the Regioselectivity of Intra- and Intermolecular Glycosylations of Mannoside Diol Acceptors. *Synlett*, **2005**, 2005, 1095-1100	2.2	7
32	Carbohydrates to Carbocycles: Regio- and Stereoselectivity in the Intramolecular [2+2] Photocycloaddition of Dienic 2-Enono-lactones. *Synlett*, **1998**, 1998, 1402-1404	2.2	7

31	Stereoselective Syntheses of Ethyl (Z)- and (E)-Octa-2,6-dienopyranosiduronates from Ethyl 2,3-Dideoxy-□D-erythro-hex-2-enopyranoside. *Synlett*, **1993**, 1993, 557-560	2.2	7
30	BODIPYs as Chemically Stable Fluorescent Tags for Synthetic Glycosylation Strategies towards Fluorescently Labeled Saccharides. *Chemistry - A European Journal*, **2020**, 26, 5388-5399	4.8	7
29	Synthetic Strategies Directed Towards 5a-Carbahexopyranoses and Derivatives Based on 6-endo-trig Radical Cyclizations. *European Journal of Organic Chemistry*, **2011**, 2011, 7116-7132	3.2	6
28	Synthesis of Furanosyl C-1 Glycals through Palladium-Catalyzed Reactions of a Furanosyl 2,3-Anhydro-exo-glycal. *European Journal of Organic Chemistry*, **2009**, 2009, 4627-4636	3.2	6
27	Stereocontrolled entry to 2,5-disubstituted tetrahydrofurans from hex-2-enono-□lactones under mild conditions. *Tetrahedron Letters*, **1992**, 33, 5105-5106	2	6
26	A Malonyl-Based Scaffold for Conjugatable Multivalent Carbohydrate-BODIPY Presentations. *Molecules*, **2019**, 24,	4.8	5
25	Diversity-Oriented Synthetic Endeavors of Newly Designed Ferrier and Ferrier-Nicholas Systems Derived from 1-C-Alkynyl-2-deoxy-2-C-Methylene Pyranosides. *European Journal of Organic Chemistry*, **2018**, 2018, 5355-5374	3.2	5
24	Solvent-Sensitive Emitting Urea-Bridged bis-BODIPYs: Ready Access by a One-Pot Tandem Staudinger/Aza-Wittig Ureation. *Chemistry - A European Journal*, **2017**, 23, 17511-17520	4.8	5
23	Chemoselective Conjugate Reduction of □Unsaturated Esters and Lactones Under Mild Conditions. *Synlett*, **1991**, 1991, 825-826	2.2	5
22	Pyranose glycals in the generation of skeletal diversity. *Carbohydrate Chemistry*,26-58	3	5
21	In Vitro Antimicrobial Activity of Isopimarane-Type Diterpenoids. *Molecules*, **2020**, 25,	4.8	5
20	Access to 2,6-Dipropargylated BODIPYs as "Clickable" Congeners of Pyrromethene-567 Dye: Photostability and Synthetic Versatility. *Organic Letters*, **2021**, 23, 6801-6806	6.2	5
19	Towards Efficient and Photostable Red-Emitting Photonic Materials Based on Symmetric All-BODIPY-Triads, -Pentads, and -Hexads. *Chemistry - A European Journal*, **2019**, 25, 14959-14971	4.8	4
18	Glycosyl fluorides from n-pentenyl-related glycosyl donors□Application to glycosylation strategies. *Canadian Journal of Chemistry*, **2013**, 91, 51-65	0.9	4
17	A Concise Route to Water-Soluble 2,6-Disubstituted BODIPY-Carbohydrate Fluorophores by Direct Ferrier-Type C-Glycosylation. *Journal of Organic Chemistry*, **2021**, 86, 9181-9188	4.2	4
16	Finding the Right Candidate for the Right Position: A Fast NMR-Assisted Combinatorial Method for Optimizing Nucleic Acids Binders. *Journal of the American Chemical Society*, **2016**, 138, 6463-74	16.4	4
15	Single-Step Glycosylations with C-Labelled Sulfoxide Donors: A Low-Temperature NMR Cartography of the Distinguishing Mechanistic Intermediates. *Chemistry - A European Journal*, **2021**, 27, 2030-2042	4.8	4
14	Ferrier□Nicholas Cations from C-3-Alkynylglycals: Access to C-3-Branched Allylic Glycosides and Ring-Opening Derivatives. *European Journal of Organic Chemistry*, **2017**, 2017, 2501-2511	3.2	3

13	Tuning the Photonic Behavior of Symmetrical bis-BODIPY Architectures: The Key Role of the Spacer Moiety. *Frontiers in Chemistry*, **2019**, 7, 801	5	3
12	Sugar Furanoses as Useful Handles for Molecular Diversity. *Current Organic Synthesis*, **2014**, 11, 342-360	1.9	3
11	Bringing Color to Sugars: The Chemical Assembly of Carbohydrates to BODIPY Dyes. *Chemical Record*, **2021**, 21, 3112-3130	6.6	3
10	Ferrier Nicholas pyranosidic cations: application to diversity-oriented synthesis. *Pure and Applied Chemistry*, **2014**, 86, 1357-1364	2.1	2
9	Recent strategies for the preparation of C-1 glycals. *Carbohydrate Chemistry*,290-310	3	2
8	Reactions at Oxygen Atoms **2008**, 103-177		2
7	A Concise Synthesis of a BODIPY-Labeled Tetrasaccharide Related to the Antitumor PI-88. *Molecules*, **2021**, 26,	4.8	2
6	Carbohydrates and BODIPYs: access to bioconjugatable and water-soluble BODIPYs. *Pure and Applied Chemistry*, **2019**, 91, 1073-1083	2.1	1
5	Stereoselective Synthesis of (2S, 5R)-2-Methyl-5-Hexanolide, Enantiomer of the Carpenter Bee Sex Pheromone. *Natural Product Research*, **1993**, 2, 21-25		1
4	A synthesis of 2,3-dideoxy-4,6:7,8-di- O -isopropylidene- d - gluco -oct-2-enono-1,5-lactone. *Carbohydrate Research*, **1992**, 225, 155-158	2.9	1
3	Access to n-pentenyl tetra- and pentasaccharide analogues of the antitumor drug PI-88 based on 1,2-methyl orthoester glycosyl donors.. *Carbohydrate Research*, **2022**, 516, 108557	2.9	1
2	Alkyne dicobalt complexes in carbohydrates: Synthetic applications **2020**, 101-137		
1	Reactions at Oxygen Atoms **2001**, 467-500		