

Ana M. Gmez

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.

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	Access to n-pentenyl tetra- and pentasaccharide analogues of the antitumor drug PI-88 based on 1,2-methyl orthoester glycosyl donors.. <i>Carbohydrate Research</i> , 2022 , 516, 108557	2.9	1
119	A Concise Synthesis of a BODIPY-Labeled Tetrasaccharide Related to the Antitumor PI-88. <i>Molecules</i> , 2021 , 26,	4.8	2
118	A Concise Route to Water-Soluble 2,6-Disubstituted BODIPY-Carbohydrate Fluorophores by Direct Ferrier-Type C-Glycosylation. <i>Journal of Organic Chemistry</i> , 2021 , 86, 9181-9188	4.2	4
117	Single-Step Glycosylations with C-Labelled Sulfoxide Donors: A Low-Temperature NMR Cartography of the Distinguishing Mechanistic Intermediates. <i>Chemistry - A European Journal</i> , 2021 , 27, 2030-2042	4.8	4
116	Access to 2,6-Dipropargylated BODIPYs as "Clickable" Congeners of Pyrromethene-567 Dye: Photostability and Synthetic Versatility. <i>Organic Letters</i> , 2021 , 23, 6801-6806	6.2	5
115	Bringing Color to Sugars: The Chemical Assembly of Carbohydrates to BODIPY Dyes. <i>Chemical Record</i> , 2021 , 21, 3112-3130	6.6	3
114	Alkyne dicobalt complexes in carbohydrates: Synthetic applications 2020 , 101-137		
113	Dissecting the Essential Role of Anomeric Triflates in Glycosylation Reactions. <i>Journal of the American Chemical Society</i> , 2020 , 142, 12501-12514	16.4	20
112	In Vitro Antimicrobial Activity of Isopimarane-Type Diterpenoids. <i>Molecules</i> , 2020 , 25,	4.8	5
111	BODIPYs as Chemically Stable Fluorescent Tags for Synthetic Glycosylation Strategies towards Fluorescently Labeled Saccharides. <i>Chemistry - A European Journal</i> , 2020 , 26, 5388-5399	4.8	7
110	A Malonyl-Based Scaffold for Conjugatable Multivalent Carbohydrate-BODIPY Presentations. <i>Molecules</i> , 2019 , 24,	4.8	5
109	Carbohydrates and BODIPYs: access to bioconjugatable and water-soluble BODIPYs. <i>Pure and Applied Chemistry</i> , 2019 , 91, 1073-1083	2.1	1
108	Impact of Aromatic Stacking on Glycoside Reactivity: Balancing CH/ π and Cation/ π Interactions for the Stabilization of Glycosyl-Oxocarbenium Ions. <i>Journal of the American Chemical Society</i> , 2019 , 141, 13372-13384	16.4	17
107	Tuning the Photonic Behavior of Symmetrical bis-BODIPY Architectures: The Key Role of the Spacer Moiety. <i>Frontiers in Chemistry</i> , 2019 , 7, 801	5	3
106	Towards Efficient and Photostable Red-Emitting Photonic Materials Based on Symmetric All-BODIPY-Triads, -Pentads, and -Hexads. <i>Chemistry - A European Journal</i> , 2019 , 25, 14959-14971	4.8	4
105	Diversity-Oriented Synthetic Endeavors of Newly Designed Ferrier and Ferrier-Nicholas Systems Derived from 1-C-Alkynyl-2-deoxy-2-C-Methylene Pyranosides. <i>European Journal of Organic Chemistry</i> , 2018 , 2018, 5355-5374	3.2	5
104	Ferrier-Nicholas Cations from C-3-Alkynylglycals: Access to C-3-Branched Allylic Glycosides and Ring-Opening Derivatives. <i>European Journal of Organic Chemistry</i> , 2017 , 2017, 2501-2511	3.2	3

103	One-Pot Synthesis of Rotationally Restricted, Conjugatable, BODIPY Derivatives from Phthalides. <i>Journal of Organic Chemistry</i> , 2017 , 82, 1240-1247	4.2	20
102	Solvent-Sensitive Emitting Urea-Bridged bis-BODIPYs: Ready Access by a One-Pot Tandem Staudinger/Aza-Wittig Ureation. <i>Chemistry - A European Journal</i> , 2017 , 23, 17511-17520	4.8	5
101	Methyl 1,2-Orthoesters in Acid-Washed Molecular Sieves Mediated Glycosylations. <i>ChemistrySelect</i> , 2016 , 1, 6011-6015	1.8	7
100	Finding the Right Candidate for the Right Position: A Fast NMR-Assisted Combinatorial Method for Optimizing Nucleic Acids Binders. <i>Journal of the American Chemical Society</i> , 2016 , 138, 6463-74	16.4	4
99	A thorough experimental study of CH/π Interactions in water: quantitative structure-stability relationships for carbohydrate/aromatic complexes. <i>Chemical Science</i> , 2015 , 6, 6076-6085	9.4	36
98	Modulating Weak Interactions for Molecular Recognition: A Dynamic Combinatorial Analysis for Assessing the Contribution of Electrostatics to the Stability of CH/π Bonds in Water. <i>Angewandte Chemie</i> , 2015 , 127, 4418-4422	3.6	8
97	A Survey of Recent Synthetic Applications of 2,3-Dideoxy-Hex-2-enopyranosides. <i>Molecules</i> , 2015 , 20, 8357-94	4.8	11
96	Modulating weak interactions for molecular recognition: a dynamic combinatorial analysis for assessing the contribution of electrostatics to the stability of CH/π bonds in water. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 4344-8	16.4	24
95	Convenient Access to Carbohydrate-BODIPY Hybrids by Two Complementary Methods Involving One-Pot Assembly of Clickable-BODIPY Dyes. <i>European Journal of Organic Chemistry</i> , 2014 , 2014, 5659-5663	3.2	20
94	A substrate-based approach to skeletal diversity from dicobalt hexacarbonyl (C1)-alkynyl glycals by exploiting its combined Ferrier-Nicholas reactivity. <i>Chemistry - A European Journal</i> , 2014 , 20, 10492-502	4.8	18
93	Ferrier-Nicholas pyranosidic cations: application to diversity-oriented synthesis. <i>Pure and Applied Chemistry</i> , 2014 , 86, 1357-1364	2.1	2
92	Sugar Furanoses as Useful Handles for Molecular Diversity. <i>Current Organic Synthesis</i> , 2014 , 11, 342-360	1.9	3
91	Recent Developments in the Ferrier Rearrangement. <i>European Journal of Organic Chemistry</i> , 2013 , 2013, 7221-7262	3.2	109
90	A dynamic combinatorial approach for the analysis of weak carbohydrate/aromatic complexes: dissecting facial selectivity in CH/π stacking interactions. <i>Journal of the American Chemical Society</i> , 2013 , 135, 3347-50	16.4	42
89	A Reverse Strategy for synthesis of nucleosides based on n-pentenyl orthoester donors. <i>Chemical Communications</i> , 2013 , 49, 3251-3	5.8	8
88	Glycosyl fluorides from n-pentenyl-related glycosyl donors: Application to glycosylation strategies. <i>Canadian Journal of Chemistry</i> , 2013 , 91, 51-65	0.9	4
87	Ready access to a branched Man5 oligosaccharide based on regioselective glycosylations of a mannose-tetraol with n-pentenyl orthoesters. <i>Organic and Biomolecular Chemistry</i> , 2012 , 10, 8361-70	3.9	15
86	Unexpected stereocontrolled access to 1,4'-Disaccharides from methyl 1,2-ortho esters. <i>Journal of Organic Chemistry</i> , 2012 , 77, 795-800	4.2	16

85	Methyl 1,2-Orthoesters as Useful Glycosyl Donors in Glycosylation Reactions: A Comparison with n-Pent-4-enyl 1,2-Orthoesters. <i>European Journal of Organic Chemistry</i> , 2012 , 2012, 3122-3131	3.2	12
84	Synthetic Strategies Directed Towards 5a-Carbahexopyranoses and Derivatives Based on 6-endo-trig Radical Cyclizations. <i>European Journal of Organic Chemistry</i> , 2011 , 2011, 7116-7132	3.2	6
83	A survey of Ley's reactivity tuning in oligosaccharide synthesis. <i>Topics in Current Chemistry</i> , 2011 , 301, 31-68		9
82	Role of aromatic rings in the molecular recognition of aminoglycoside antibiotics: implications for drug design. <i>Journal of the American Chemical Society</i> , 2010 , 132, 12074-90	16.4	49
81	Formation and reactivity of new Nicholas-Ferrier pyranosidic cations: novel access to oxepanes via a 1,6-hydride shift/cyclization sequence. <i>Chemical Communications</i> , 2010 , 46, 6159-61	5.8	14
80	Sonogashira Couplings of Halo- and Epoxy-Halo-exo-Glycals: Concise Entry to Carbohydrate-Derived Enynes. <i>European Journal of Organic Chemistry</i> , 2010 , 2010, 2910-2920	3.2	16
79	1-exo-Alkylidene-2,3-anhydrofuranoses: Valuable Synthons in the Preparation of Furanose-Based Templates. <i>European Journal of Organic Chemistry</i> , 2010 , 2010, 5619-5632	3.2	9
78	Reciprocal Donor-Acceptor Selectivity: the Influence of the Donor O-2 Substituent in the Regioselective Mannosylation of myo-Inositol Orthopentanoate. <i>European Journal of Organic Chemistry</i> , 2009 , 2009, 403-411	3.2	12
77	Synthesis of C-1 Alkyl and Aryl Glycals from Pyranosyl or Furanosyl Chlorides by Treatment with Organolithium Reagents. <i>European Journal of Organic Chemistry</i> , 2009 , 2009, 3579-3588	3.2	15
76	Synthesis of Furanosyl C-1 Glycals through Palladium-Catalyzed Reactions of a Furanosyl 2,3-Anhydro-exo-glycal. <i>European Journal of Organic Chemistry</i> , 2009 , 2009, 4627-4636	3.2	6
75	Three-component assembly of amines, boronic acids, and a polyfunctionalized furanose: a concise entry to furanose-based carbohydrate templates. <i>Journal of Organic Chemistry</i> , 2009 , 74, 6323-6	4.2	9
74	Reaction of 1,2-orthoesters with HF-pyridine: a method for the preparation of partly unprotected glycosyl fluorides and their use in saccharide synthesis. <i>Organic Letters</i> , 2009 , 11, 4128-31	6.2	15
73	Reactions at Oxygen Atoms 2008 , 103-177		2
72	Synthesis of Pyranoid and Furanoid Glycals from Glycosyl Sulfoxides by Treatment with Organolithium Reagents. <i>European Journal of Organic Chemistry</i> , 2008 , 2008, 3933-3942	3.2	17
71	Ready Transformation of Partially Unprotected Thioglycosides into Glycosyl Fluorides Mediated by NIS/HF-pyridine or Et ₃ N·BHF. <i>European Journal of Organic Chemistry</i> , 2008 , 2008, 5037-5041	3.2	7
70	IPy2BF ₄ /HF-pyridine: a new combination of reagents for the transformation of partially unprotected thioglycosides and n-pentenyl glycosides to glycosyl fluorides. <i>Journal of Organic Chemistry</i> , 2007 , 72, 10268-71	4.2	15
69	IPy2BF ₄ -mediated transformation of n-pentenyl glycosides to glycosyl fluorides: a new pair of semiorthogonal glycosyl donors. <i>Organic Letters</i> , 2007 , 9, 2759-62	6.2	27
68	6-endo Versus 5-exo radical cyclization: streamlined syntheses of carbahexopyranoses and derivatives by 6-endo-trig radical cyclization. <i>Tetrahedron Letters</i> , 2007 , 48, 1645-1649	2	13

67	Protecting Groups in Carbohydrate Chemistry Profoundly Influence All Selectivities in Glycosyl Couplings. <i>ACS Symposium Series</i> , 2007 , 91-117	0.4	19
66	Synthesis and conformational and biological aspects of carbasugars. <i>Chemical Reviews</i> , 2007 , 107, 1919-2036	2.3	291
65	Synthesis of Carbasugars Based on Ring Closing Metathesis: 2000-2006. <i>Mini-Reviews in Organic Chemistry</i> , 2007 , 4, 201-216	1.7	36
64	Formation and reactivity of novel pyranosidic nicholas oxocarbenium ions: access to C-ketosides and branched-chain C-ketosides. <i>Organic Letters</i> , 2006 , 8, 3187-90	6.2	17
63	Convergent stereocontrolled synthesis of substituted exo-glycals by Stille cross-coupling of halo-exo-glycals and stannanes. <i>Tetrahedron Letters</i> , 2006 , 47, 6243-6246	2	17
62	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). <i>Chemical Communications</i> , 2005 , 5088-90	5.8	38
61	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. <i>Organic Letters</i> , 2005 , 7, 4899-902	6.2	35
60	Synthesis of complex carbobicyclic compounds from sugar allyltins: functionalization of the allylic position in bicyclo[4.3.0]nonene derivatives. <i>Tetrahedron: Asymmetry</i> , 2005 , 16, 513-518		9
59	Novel strategies for the preparation of aminocarbasugar analogues: syntheses of N-substituted aminocyclitols from d-mannose. <i>Tetrahedron: Asymmetry</i> , 2005 , 16, 2401-2407		7
58	Synthesis of 2,3:4,6-di-O-isopropylidene-D-allopyranose from D-glucose. <i>Carbohydrate Research</i> , 2005 , 340, 1872-5	2.9	10
57	Study of the Regioselectivity of Intra- and Intermolecular Glycosylations of Mannoside Diol Acceptors. <i>Synlett</i> , 2005 , 2005, 1095-1100	2.2	7
56	Some Aspects of Selectivity in the Reaction of Glycosyl Donors*View all notes. <i>Journal of Carbohydrate Chemistry</i> , 2005 , 24, 665-675	1.7	11
55	A Stereodivergent Approach to 5a-Carba- β -D-gluco-, β -D-galacto and β -L-gulopyranose Pentaacetates from D-Mannose, Based on 6-exo-dig Radical Cyclization and Barton-McCombie Radical Deoxygenation. <i>European Journal of Organic Chemistry</i> , 2004 , 2004, 1830-1840	3.2	23
54	Reciprocal Donor Acceptor Selectivity (RDAS) and Paulsen's Concept of Match in Saccharide Coupling. <i>European Journal of Organic Chemistry</i> , 2004 , 2004, 1387-1395	3.2	62
53	An expeditious entry to carbohydrate derived enynes and ene-dienes via Sonogashira coupling of halo-exo-glycals. <i>Tetrahedron Letters</i> , 2004 , 45, 6307-6310	2	16
52	A novel entry to C-glycals via diethylzinc-mediated umpolung of allyl palladium derived from 1-exo-methylene 2,3-anhydrofuranoses. <i>Tetrahedron Letters</i> , 2003 , 44, 8433-8435	2	12
51	Thioglycoside and trichloroacetimidate donors in regioselective glycosidations. Comparison with n-pentenyl glycosides. <i>Tetrahedron Letters</i> , 2003 , 44, 1417-1420	2	30
50	Stereoselective synthesis of substituted exo-glycals from 1-exo-methylene pyranoses. <i>Tetrahedron Letters</i> , 2003 , 44, 6111-6116	2	24

49	Stereodivergent synthesis of 5a-carba-hexopyranoses from carbohydrates via 6-exo-dig radical cyclization: preparation of 5a-carba- β -manno-, β -allo-, β -talo- and β -gulopyranose pentaacetates from d-mannose. <i>Tetrahedron: Asymmetry</i> , 2003 , 14, 2961-2974		16
48	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. <i>Journal of Biological Chemistry</i> , 2003 , 278, 21774-81	5.4	36
47	Six- versus five-membered ring formation in radical cyclization of 1-vinyl-5-methyl-5-hexenyl radicals. <i>Tetrahedron Letters</i> , 2002 , 43, 4997-5000	2	21
46	A general stereodivergent strategy for the preparation of carbasugars. Syntheses of 5a-carba- β -glucose, β -galactose, and β -gulose pentaacetates from d-mannose. <i>Tetrahedron Letters</i> , 2002 , 43, 5559-5562	2	20
45	A combined, 6-exo-dig radical cyclization-palladium catalyzed allylic amination, approach to aminocarbasugar analogs: synthesis of novel N-substituted aminocyclitols from d-mannose. <i>Tetrahedron Letters</i> , 2002 , 43, 7863-7866	2	11
44	Stereoselective synthesis of C-ketosides by Lewis acid-catalyzed C-glycosylation of alkynyl-ketoses. <i>Tetrahedron Letters</i> , 2002 , 43, 8935-8940	2	17
43	Stereodivergent Synthesis of Carbasugars from D-Mannose. Syntheses of 5a-Carba- β -allose, β -Talose, and β -Gulose Pentaacetates. <i>Synlett</i> , 2002 , 2002, 0891-0894	2.2	8
42	Unexpected remarkable stability of primary ozonides derived from alkenyl stannanes. One-pot synthesis of 1,2-diols from alkynes. <i>Organic Letters</i> , 2002 , 4, 383-6	6.2	17
41	Unexpected role of O-2 "protecting" groups of glycosyl donors in mediating regioselective glycosidation. <i>Journal of the American Chemical Society</i> , 2002 , 124, 3198-9	16.4	41
40	One-pot synthesis of 1-exo-alkylidene-2,3-anhydro furanoses: convenient precursors for exo-glycals and functionalized C-glycals. <i>Chemical Communications</i> , 2002 , 2022-3	5.8	20
39	A general method for convergent synthesis of functionalized exo-glycals based on halogenation and Suzuki cross-coupling of 1-exo-methylene sugars. <i>Chemical Communications</i> , 2002 , 2024-5	5.8	20
38	Reciprocal donor acceptor selectivity (RDAS): A new concept for "matching" donors with acceptors. <i>Canadian Journal of Chemistry</i> , 2002 , 80, 1075-1087	0.9	27
37	One pot/two donors/one diol give one differentiated trisaccharide: powerful evidence for reciprocal donor-acceptor selectivity (RDAS). <i>Chemical Communications</i> , 2002 , 2104-5	5.8	32
36	Stereocontrolled entry to β -C-glycosides and bis-C,C-glycosides from C-glycals: preparation of a highly functionalized triene from d-mannose. <i>Tetrahedron: Asymmetry</i> , 2001 , 12, 2175-2183		9
35	Reactions at Oxygen Atoms 2001 , 467-500		
34	A combined intramolecular/intermolecular one-pot glycosylation approach for the synthesis of a branched trisaccharide. <i>Chemical Communications</i> , 2000 , 813-814	5.8	15
33	Improved synthesis of 2,3:4,6-di-O-isopropylidene-d-glucopyranose and -d-galactopyranose. <i>Carbohydrate Research</i> , 1999 , 320, 138-142	2.9	16
32	A novel entry to 5a-carba-hexopyranoses from carbohydrates based on a 6-exo-dig radical cyclization: synthesis of 5a-carba- β -mannopyranose pentaacetate. <i>Chemical Communications</i> , 1999 , 175-176	5.8	17

31	Regio- and Stereocontrolled 6-Endo-TrigRadical Cyclization of Vinyl Radicals: A Novel Entry to Carbasugars from Carbohydrates. <i>Journal of Organic Chemistry</i> , 1998 , 63, 9626-9627	4.2	28
30	Carbohydrates to Carbocycles: Regio- and Stereoselectivity in the Intramolecular [2+2] Photocycloaddition of Dienic 2-Enono- β -lactones. <i>Synlett</i> , 1998 , 1998, 1402-1404	2.2	7
29	A novel entry to naturally occurring 5-alkenyl- β -unsaturated β -lactones from d-glucose: syntheses of (+)-acetylphomalactone and (+)-asperlin. <i>Chemical Communications</i> , 1997 , 1647-1648	5.8	16
28	Photochemically Induced Addition of 2-Propanol to Hex-2-enono- β -lactones Followed by Radical Cyclization: A Novel Entry to Branched Cyclohexanes and Cyclopentanes from Carbohydrates. <i>Journal of Organic Chemistry</i> , 1997 , 62, 6612-6614	4.2	16
27	A Simple Entry to Pyranoid Glycals: Reaction of Anomeric Glycosyl Sulfoxides with Organolithiums. <i>Synlett</i> , 1996 , 1996, 628-630	2.2	21
26	Expeditious entry to C-alkyl and C-aryl pyranoid glycals: reaction of anomeric glycosyl chlorides with organolithiums. <i>Chemical Communications</i> , 1996 , 2357-2358	5.8	15
25	Template directed cyclo-glycosylation: Effect of the anchoring sites of the spacer and temperature in the regio- and stereo-selectivity of the glycosylation. <i>Tetrahedron Letters</i> , 1996 , 37, 1105-1108	2	25
24	Serial Radical Cyclization of Pyranose-Derived Dienes in the Stereocontrolled Synthesis of Woodward's Reserpine Precursor. <i>Journal of Organic Chemistry</i> , 1995 , 60, 3859-3870	4.2	35
23	A novel strategy for regio- and stereo-control in glycosylation reactions: template-directed cyclo-glycosylation of monosaccharides. <i>Journal of the Chemical Society Chemical Communications</i> , 1995 , 2005-2006		28
22	Serial Radical Reactions of Glycals: Ready Routes to Highly Functionalized C-Glycosyl Derivatives. <i>Journal of Organic Chemistry</i> , 1995 , 60, 3871-3878	4.2	31
21	Ferrier Rearrangement under Nonacidic Conditions Based on Iodonium-Induced Rearrangements of Allylic n-Pentenyl Esters, n-Pentenyl Glycosides, and Phenyl Thioglycosides. <i>Journal of Organic Chemistry</i> , 1995 , 60, 3851-3858	4.2	73
20	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. <i>Journal of the Chemical Society Chemical Communications</i> , 1994 , 1533-1534		8
19	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. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1994 , 1689-1695		10
18	Serial Radical Cyclization of Pyranose-Derived Dienes in the Stereocontrolled Synthesis of Densely Functionalized Cyclohexanes. A Route to Woodward's Reserpine Precursor. <i>Journal of Organic Chemistry</i> , 1994 , 59, 4048-4050	4.2	21
17	Silicon-tethered radical cyclization and intramolecular Diels-Alder strategies are combined to provide a ready route to highly functionalized decalins. <i>Journal of the Chemical Society Chemical Communications</i> , 1993 , 762-764		14
16	Stereoselective Syntheses of Ethyl (Z)- and (E)-Octa-2,6-dienopyranosiduronates from Ethyl 2,3-Dideoxy-D-erythro-hex-2-enopyranoside. <i>Synlett</i> , 1993 , 1993, 557-560	2.2	7
15	A Convenient, Short Synthesis of (E)-1,3-Butadienyl(tributyl)stannane. <i>Synthesis</i> , 1993 , 1993, 943-944	2.9	14
14	Stereoselective Synthesis of (2S, 5R)-2-Methyl-5-Hexanolide, Enantiomer of the Carpenter Bee Sex Pheromone. <i>Natural Product Research</i> , 1993 , 2, 21-25		1

13	A novel entry to cyclohexanes and cyclopentanes from carbohydrates via inversion of radical reactivity in hex-2-enono- β -lactones. <i>Journal of the Chemical Society Chemical Communications</i> , 1992 , 613-615		10
12	Practical synthesis of an enantiomerically pure intermediate of the lactone moiety of mevinic acids. <i>Journal of Organic Chemistry</i> , 1992 , 57, 1613-1615	4.2	15
11	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.. <i>Journal of Organic Chemistry</i> , 1992 , 57, 4546-4550	4.2	10
10	Stereocontrolled entry to 2,5-disubstituted tetrahydrofurans from hex-2-enono- β -lactones under mild conditions. <i>Tetrahedron Letters</i> , 1992 , 33, 5105-5106	2	6
9	A synthesis of 2,3-dideoxy-4,6:7,8-di- O -isopropylidene- d - gluco -oct-2-enono-1,5-lactone. <i>Carbohydrate Research</i> , 1992 , 225, 155-158	2.9	1
8	Chemoselective Conjugate Reduction of β -Unsaturated Esters and Lactones Under Mild Conditions. <i>Synlett</i> , 1991 , 1991, 825-826	2.2	5
7	A route to unsaturated spiroketals from phenylthio hex-2-enopyranosides via sequential alkylation, allylic rearrangement and intramolecular glycosidation. <i>Journal of the Chemical Society Chemical Communications</i> , 1991 , 1207		15
6	Free-radical reactions of some phenylthio-2,3-dideoxyhex-2-enopyranosides. <i>Tetrahedron Letters</i> , 1990 , 31, 1467-1470	2	13
5	Regio- and stereochemistry of cross coupling of organocopper reagents with allyl ethers: effect of the leaving group. <i>Journal of Organic Chemistry</i> , 1990 , 55, 2294-2298	4.2	26
4	Synthesis of novel functionalized monocyclic 2-azetidinones from N,N'-diaryl- β -diimines and lithium ester enolates. <i>Tetrahedron</i> , 1989 , 45, 2751-2762	2.4	23
3	Recent strategies for the preparation of C-1 glycals. <i>Carbohydrate Chemistry</i> , 290-310	3	2
2	Pyranose glycals in the generation of skeletal diversity. <i>Carbohydrate Chemistry</i> , 26-58	3	5
1	Ferrier rearrangement: an update on recent developments. <i>Carbohydrate Chemistry</i> , 210-247	3	16