

Clara Uriel

List of Publications by Year in descending order

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53
papers

958
citations

471509

17
h-index

477307

29
g-index

76
all docs

76
docs citations

76
times ranked

768
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Developments in the Ferrier Rearrangement. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 7221-7262.	2.4	136
2	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.	2.4	67
3	Unexpected Role of O-2 "Protecting" Groups of Glycosyl Donors in Mediating Regioselective Glycosidation. <i>Journal of the American Chemical Society</i> , 2002, 124, 3198-3199.	13.7	43
4	Leads for Development of New Naphthalenesulfonate Derivatives with Enhanced Antiangiogenic Activity. <i>Journal of Biological Chemistry</i> , 2003, 278, 21774-21781.	3.4	42
5	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.	4.1	40
6	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, 4899-4902.	4.6	37
7	One pot/two donors/one diol give one differentiated trisaccharide: powerful evidence for reciprocal donor-acceptor selectivity (RDAS). <i>Chemical Communications</i> , 2002, , 2104-2105.	4.1	35
8	Reciprocal donor acceptor selectivity (RDAS): A new concept for "matching" donors with acceptors. <i>Canadian Journal of Chemistry</i> , 2002, 80, 1075-1087.	1.1	34
9	IPy ₂ BF ₄ -Mediated Transformation of n-Pentenyl Glycosides to Glycosyl Fluorides: A New Pair of Semiorthogonal Glycosyl Donors. <i>Organic Letters</i> , 2007, 9, 2759-2762.	4.6	33
10	Thioglycoside and trichloroacetimidate donors in regioselective glycosidations. Comparison with n-pentenyl glycosides. <i>Tetrahedron Letters</i> , 2003, 44, 1417-1420.	1.4	30
11	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.	1.4	23
12	IPy ₂ BF 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, 10268-10271.	3.2	21
13	Protecting Groups in Carbohydrate Chemistry Profoundly Influence All Selectivities in Glycosyl Couplings. <i>ACS Symposium Series</i> , 2007, , 91-117.	0.5	21
14	Formation and Reactivity of Novel Pyranosidic Nicholas Oxocarbenium Ions: Access to C-Ketosides and Branched-Chain C-Ketosides. <i>Organic Letters</i> , 2006, 8, 3187-3190.	4.6	20
15	Stereoselective synthesis of C-ketosides by Lewis acid-catalyzed C-glycosylation of alkynyl-ketoses. <i>Tetrahedron Letters</i> , 2002, 43, 8935-8940.	1.4	19
16	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, 4128-4131.	4.6	18
17	Stereoselective Synthesis of C- and N-Ketosides by Lewis Acid-Catalyzed C- and N-Glycosidation of Alkynyl, Phenyl, and Methyl Ketoses. <i>European Journal of Organic Chemistry</i> , 2003, 2003, 4830-4837.	2.4	17
18	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.	1.4	17

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19	Synthesis of <i>1</i> -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.	2.4	17
20	Sonogashira Couplings of Halo- and Epoxy- Glycals: Concise Entry to Carbohydrate-Derived Enynes. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 2910-2920.	2.4	17
21	Unexpected Stereocontrolled Access to 1,2-Disaccharides from Methyl 1,2-Ortho Esters. <i>Journal of Organic Chemistry</i> , 2012, 77, 795-800.	3.2	17
22	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.	2.8	16
23	Hexose keto-C-glycoside conjugates: design, synthesis, cytotoxicity, and evaluation of their affinity for the glucose transporter glut-1. <i>Bioorganic and Medicinal Chemistry</i> , 1996, 4, 2081-2090.	3.0	15
24	Methyl 1,2-Orthoesters as Useful Glycosyl Donors in Glycosylation Reactions: A Comparison with <i>n</i> -Pent-4-enyl 1,2-Orthoesters. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 3122-3131.	2.4	15
25	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.	4.6	15
26	Use of N-Pivaloyl Imidazole as Protective Reagent for Sugars. <i>Synthesis</i> , 1998, 1998, 1787-1792.	2.3	14
27	Reciprocal Donor-Acceptor Selectivity: the Influence of the Donor O ² Substituent in the Regioselective Mannosylation of <i>myo</i> -inositol Orthopentanoate. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 403-411.	2.4	14
28	Antiproliferative and Apoptotic Activities of Ketonucleosides and Keto-C-Glycosides against Non-Small-Cell Lung Cancer Cells with Intrinsic Drug Resistance. <i>Antimicrobial Agents and Chemotherapy</i> , 1998, 42, 779-784.	3.2	12
29	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.	1.8	12
30	Some Aspects of Selectivity in the Reaction of Glycosyl Donors*. <i>Journal of Carbohydrate Chemistry</i> , 2005, 24, 665-675.	1.1	12
31	Ready Transformation of Partially Unprotected Thioglycosides into Glycosyl Fluorides Mediated by NIS/HF ⁺ Pyridine or Et ₃ N ⁺ ·3HF. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 5037-5041.	2.4	12
32	BODIPYs as Chemically Stable Fluorescent Tags for Synthetic Glycosylation Strategies towards Fluorescently Labeled Saccharides. <i>Chemistry - A European Journal</i> , 2020, 26, 5388-5399.	3.3	12
33	Synthesis of 2,3:4,6-di-O-isopropylidene-d-allopyranose from d-glucose. <i>Carbohydrate Research</i> , 2005, 340, 1872-1875.	2.3	10
34	1- <i>exo</i> -Alkylidene-2,3-anhydrofuranoses: Valuable Synthons in the Preparation of Furanose-Based Templates. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 5619-5632.	2.4	9
35	Methyl 1,2-Orthoesters in Acid-Washed Molecular Sieves Mediated Glycosylations. <i>ChemistrySelect</i> , 2016, 1, 6011-6015.	1.5	9
36	Novel strategies for the preparation of aminocarasugar analogues: syntheses of N-substituted aminocyclitols from d-mannose. <i>Tetrahedron: Asymmetry</i> , 2005, 16, 2401-2407.	1.8	8

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37	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.	3.3	8
38	Unsaturated epoxy-C-glycosides. A new class of antitumor compounds with DNA cleavage properties.. <i>Biorganic and Medicinal Chemistry Letters</i> , 1994, 4, 421-426.	2.2	7
39	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.	2.4	6
40	A Malonyl-Based Scaffold for Conjugatable Multivalent Carbohydrate-BODIPY Presentations. <i>Molecules</i> , 2019, 24, 2050.	3.8	6
41	In Vitro Antimicrobial Activity of Isopimarane-Type Diterpenoids. <i>Molecules</i> , 2020, 25, 4250.	3.8	6
42	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.	3.2	6
43	Synthesis of 2-Deoxyglycopyranosyl Thioureas from Glycals. <i>Synthesis</i> , 1999, 1999, 2049-2052.	2.3	5
44	Tuning the Photonic Behavior of Symmetrical bis-BODIPY Architectures: The Key Role of the Spacer Moiety. <i>Frontiers in Chemistry</i> , 2019, 7, 801.	3.6	5
45	Glycosyl fluorides from n-pentenyl-related glycosyl donors— Application to glycosylation strategies. <i>Canadian Journal of Chemistry</i> , 2013, 91, 51-65.	1.1	4
46	Ferrier's "Nicholas pyranosidic cations: application to diversity-oriented synthesis. <i>Pure and Applied Chemistry</i> , 2014, 86, 1357-1364.	1.9	4
47	A Concise Synthesis of a BODIPY-Labeled Tetrasaccharide Related to the Antitumor PI-88. <i>Molecules</i> , 2021, 26, 2909.	3.8	4
48	Sugar Furanoses as Useful Handles for Molecular Diversity. <i>Current Organic Synthesis</i> , 2014, 11, 342-360.	1.3	4
49	Further Insight into "Matching" of Donors and Acceptors via Reciprocal Donor Acceptor Selectivity (RDAS) Studies. <i>Synlett</i> , 2003, 2003, 2203-2207.	1.8	2
50	Furanose-based templates in the chemoselective generation of molecular diversity. <i>Carbohydrate Chemistry</i> , 2012, , 376-397.	0.3	1
51	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.	2.3	1
52	Reciprocal Donor Acceptor Selectivity (RDAS) and Paulsen's Concept of "Match" in Saccharide Coupling. <i>ChemInform</i> , 2004, 35, no.	0.0	0
53	An Overview of Reliable Radical Cyclization Strategies for the Preparation of 5a- Carbapyranoses. <i>Current Organic Chemistry</i> , 2014, 18, 1701-1715.	1.6	0