

Rodolfo Daniel Bravo

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	CuFe ₂ O ₄ Nanoparticles: A Magnetically Recoverable Catalyst for Selective Deacetylation of Carbohydrate Derivatives. <i>Topics in Catalysis</i> , 2010, 53, 1087-1090.	2.8	53
2	A Novel Sulfonamidoglycosylation of Glycals. <i>Organic Letters</i> , 2003, 5, 4509-4511.	4.6	49
3	Nitrile oxide cycloadditions to olefinated sugars. <i>Tetrahedron Letters</i> , 2003, 44, 1071-1074.	1.4	45
4	Carbonic anhydrase inhibitors. Inhibition of cytosolic isoforms I and II, and extracellular isoforms IV, IX, and XII with sulfamides incorporating sugar moieties. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007, 17, 5086-5090.	2.2	41
5	Ferrier sulfonamidoglycosylation of d-glycals. <i>Carbohydrate Research</i> , 2007, 342, 2297-2302.	2.3	40
6	In vitro antitumor activity of N-glycosyl sulfonamides. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 6469-6471.	2.2	39
7	Intramolecular sulphonylamidomethylation. Part I. Cyclization of benzylsulphonamides. <i>Journal of Heterocyclic Chemistry</i> , 1986, 23, 1701-1708.	2.6	33
8	N- ¹ -Glycosyl sulfamides are selective inhibitors of the cancer associated carbonic anhydrase isoforms IX and XII. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 4447-4450.	2.2	33
9	Stereoselective synthesis of olefinated sugars. <i>Tetrahedron</i> , 1998, 54, 3159-3168.	1.9	25
10	AN EFFICIENT SYNTHESIS OF 3,4-DIHYDRO-1H-2,3-BENZOTHAZINE 2,2-DIOXIDES USING AMBERLYST 15 AND AMBERLYST XN 1010. <i>Synthetic Communications</i> , 2002, 32, 3675-3680.	2.1	23
11	Sulfonamidoglycosylation of methyl ribofuranosides: a novel approach to furanosylsulfonamides. <i>Tetrahedron Letters</i> , 2005, 46, 1687-1689.	1.4	20
12	Diastereoselective synthesis of ¹ -((3,4,6-tri-O-benzyl-2-deoxy- ¹ -D-galactopyranosyl)-N-tert-butoxycarbonyl-D-alanine. <i>Tetrahedron</i> , 1999, 55, 6475-6482.	1.9	19
13	Efficient and Selective N-, S- and O-Acetylation in TEAA Ionic Liquid as Green Solvent. Applications in Synthetic Carbohydrate Chemistry. <i>Letters in Organic Chemistry</i> , 2016, 13, 195-200.	0.5	19
14	Sulfonamidoglycosylation of Methyl Glycosides Employing Perchloric Acid Supported on Silica Gel. <i>Journal of Carbohydrate Chemistry</i> , 2008, 27, 141-147.	1.1	18
15	Ionic liquids as phase transfer catalysts: Enhancing the biphasic extractive epoxidation reaction for the selective synthesis of ¹ -O-glycosides. <i>Tetrahedron Letters</i> , 2017, 58, 3739-3742.	1.4	18
16	Wittig reaction of glycosyl phosphonium salts: a stereoselective route to C-disaccharides and C,O-trisaccharides. <i>Tetrahedron Letters</i> , 2003, 44, 7985-7988.	1.4	17
17	Synthesis of novel 2-deoxy- ¹ -benzyl-C-glycosides by highly stereo- and chemoselective hydrogenation of exo-glycals. <i>Carbohydrate Research</i> , 2014, 393, 23-25.	2.3	17
18	Stereoselective glycosidations of olefinated sugars. <i>Tetrahedron Letters</i> , 2002, 43, 9065-9068.	1.4	16

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19	Efficient synthesis of 2,3-unsaturated sulfonamidoglycosides by Amberlyst 15. <i>Tetrahedron Letters</i> , 2010, 51, 5372-5374.	1.4	13
20	pTSA/[bmim][BF ₄] Ionic Liquid: A Powerful Recyclable Catalytic System for the Synthesis of 1±-2-Deoxyglycosides. <i>Topics in Catalysis</i> , 2012, 55, 644-648.	2.8	12
21	Intramolecular sulfonylamidomethylation of 2-(2-naphthyl) and 2-(1-naphthyl)ethanesulfonamides: synthesis of new class of naphthosultams. <i>Tetrahedron Letters</i> , 2015, 56, 2054-2058.	1.4	12
22	Sulfated Zirconia as an Efficient Catalyst for Sulfonylamidomethylation of Benzylsulfonamides and 2-Phenylethanesulfonamides: Effect of Catalyst Thermal Treatment. <i>Catalysis Letters</i> , 2010, 138, 180-186.	2.6	11
23	Cu-Fe Spinel: First Heterogeneous and Magnetically Recoverable Catalyst for the Ferrier Rearrangement of 2-Nitroglycals. <i>Letters in Organic Chemistry</i> , 2019, 16, 447-453.	0.5	10
24	A novel synthesis of 1-substituted 2H-isoquinolin-3-ones. <i>Journal of Heterocyclic Chemistry</i> , 2004, 41, 979-982.	2.6	9
25	An Efficient and Stereoselective Synthesis of 2-Deoxy Ketopyranoses from exo-Glycals. <i>Letters in Organic Chemistry</i> , 2006, 3, 459-462.	0.5	9
26	X-ray crystallographic and high-resolution NMR spectroscopy characterization of 4,6-di-O-acetyl-2,3-dideoxy-1±-d-erythro-hex-2-enopyranosyl sulfamide. <i>Carbohydrate Research</i> , 2008, 343, 3005-3008.	2.3	9
27	Convenient synthesis of N-substituted alkyl and aryl-3-aminoisoquinolines. <i>Journal of Heterocyclic Chemistry</i> , 2006, 43, 235-238.	2.6	8
28	Heteropolyacid as an Efficient Catalyst for Synthesis of 3,4-Dihydro-1H-2,3-benzothiazine-2,2-dioxides. <i>Synthetic Communications</i> , 2008, 38, 2655-2661.	2.1	8
29	Synthesis of 1,2,4,5-Tetrahydro-3,2-benzothiazepine 3,3-Dioxides Using Amberlyst-15. <i>Synthetic Communications</i> , 2010, 41, 200-205.	2.1	8
30	Sulfated Zirconia: An Efficient and Reusable Heterogeneous Catalyst in the Friedel-Crafts Acylation Reaction of 3-Methylindole. <i>Catalysis Letters</i> , 2017, 147, 1496-1502.	2.6	7
31	Facile synthesis of 4-substituted 1,2,4,5-tetrahydro-1,4-benzodiazepin-3-ones by reductive cyclization of 2-chloro-N-(2-nitrobenzyl)acetamides. <i>Tetrahedron Letters</i> , 2019, 60, 264-267.	1.4	7
32	A Convenient Synthesis of Acylphenylacetone nitriles. <i>Synthetic Communications</i> , 2004, 34, 579-588.	2.1	6
33	A convenient one-pot synthesis of 1-aryl-substituted 2H-isoquinolin-3-ones. <i>Tetrahedron Letters</i> , 2012, 53, 688-690.	1.4	6
34	Mass spectra of heterocyclic compounds VI. 3,4-dihydro-1H-2,3-benzothiazine 2,2-dioxides. <i>Organic Mass Spectrometry</i> , 1990, 25, 517-521.	1.3	5
35	Synthesis of novel dihydronaphthothiazine S,S -dioxides by intramolecular sulfonylamidomethylation of 2-naphthylmethanesulfonamides using Amberlyst XN-1010. <i>Tetrahedron Letters</i> , 2015, 56, 7184-7189.	1.4	5
36	Structure of 3-(p-chlorophenyl)-3,4-dihydro-1H-2,3-benzothiazine 2,2-dioxide. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1993, 49, 544-546.	0.4	4

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37	Synthesis of 2,3-Unsaturated O- and N-Glycosides by HBF ₄ ·SiO ₂ -Catalyzed Ferrier Rearrangement of d-Glycals. <i>Synlett</i> , 2009, 2009, 1154-1156.	1.8	4
38	Structure of 1H-3,4-dihydro-2,3-benzothiazine 2,2-dioxide. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1991, 47, 2501-2503.	0.4	3
39	Konjugation in makrocyclischen Bindungssystemen, XXXI. Isomere Naphtho[14]annulene mit 1,2- und 2,3-Anellierung. <i>Liebigs Annalen Der Chemie</i> , 1983, 1983, 687-694.	0.8	2
40	Spectroscopic studies on trifluoroacetyl iodide, CF ₃ C(O)I. <i>Journal of Raman Spectroscopy</i> , 1989, 20, 135-140.	2.5	2
41	Microwave-induced Synthesis of N-Substituted 1-Alkyl and 1-Aryl 3-Aminoisoquinolines. <i>Letters in Organic Chemistry</i> , 2017, 14, 8-13.	0.5	2
42	Structure of 6-chloro-3,4-dihydro-1H-2,3-benzothiazine 2,2-dioxide. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1993, 49, 546-548.	0.4	1
43	Crystal structure of (2R,4S,5R)-2-(4-benzyloxy-5-benzyloxymethyltetrahydrofuran-1-yl)triphenylphosphonium tetrafluoroborate tetrachloromethane solvate, C ₃₇ H ₃₆ PBF ₄ O ₃ ·CCl ₄ . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 1998, 213, 379-380.	0.3	1
44	Crystal structure of (2S,4R,5R,6R)-2-(4,5-dibenzyloxy-6-benzyloxymethyl)tetrahydropyran-1-yl)triphenylphosphonium tetrafluoroborate, C ₄₅ H ₄₄ PBF ₄ O ₄ . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 1998, 213, 777-780.	0.3	1
45	Mechanism of Aromatic Hydrocarbon Acylation by Substituted Benzoic Acids: A Novel Reaction Pathway. <i>Kinetics and Catalysis</i> , 2002, 43, 764-773.	1.0	1
46	Stereoselective Synthesis of Novel N-Glycosyl Sulfonamides by Sulfonamidoglycosylation of Per-O-acetylated Sugars. <i>Synthesis</i> , 2009, 41, 4143.	2.3	1
47	Crystal structure of (E)-2,5-anhydro-3-deoxy-4,6-di-O-benzyl-1-p-methoxyphenyl-D-ribo-hex-1-enitol, C ₂₇ H ₂₈ O ₄ . <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 1998, 213, 75-76.	0.3	1
48	Structure of 3-methyl-3,4-dihydro-1H-2,3-benzothiazine 2,2-dioxide. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1991, 47, 2674-2676.	0.4	0