

# Robert Madsen

## List of Publications by Year in descending order

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129  
papers

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citations

50276

46  
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71685

76  
g-index

172  
all docs

172  
docs citations

172  
times ranked

5801  
citing authors

#	ARTICLE	IF	CITATIONS
1	Amide Synthesis from Alcohols and Amines by the Extrusion of Dihydrogen. <i>Journal of the American Chemical Society</i> , 2008, 130, 17672-17673.	13.7	483
2	n-Pentenyl Glycosides in Organic Chemistry: A Contemporary Example of Serendipity. <i>Synlett</i> , 1992, 1992, 927-942.	1.8	319
3	Chemicals from Renewables: Aerobic Oxidation of Furfural and Hydroxymethylfurfural over Gold Catalysts. <i>ChemSusChem</i> , 2008, 1, 75-78.	6.8	292
4	Formation of Acetic Acid by Aqueous-Phase Oxidation of Ethanol with Air in the Presence of a Heterogeneous Gold Catalyst. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 4648-4651.	13.8	215
5	The Mechanism for the Rhodium-Catalyzed Decarbonylation of Aldehydes: A Combined Experimental and Theoretical Study. <i>Journal of the American Chemical Society</i> , 2008, 130, 5206-5215.	13.7	180
6	Amide Synthesis from Alcohols and Amines Catalyzed by Ruthenium N-Heterocyclic Carbene Complexes. <i>Chemistry - A European Journal</i> , 2010, 16, 6820-6827.	3.3	173
7	Two New Orthogonal Amine-Protecting Groups that can be Cleaved under Mild or Neutral Conditions. <i>Journal of the American Chemical Society</i> , 1995, 117, 3302-3303.	13.7	153
8	A General and Convenient Method for the Rhodium-Catalyzed Decarbonylation of Aldehydes. <i>Advanced Synthesis and Catalysis</i> , 2006, 348, 2148-2154.	4.3	143
9	Palladium-Catalyzed Aryl Amination-Heck Cyclization Cascade: A One-Flask Approach to 3-Substituted Indoles. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 888-890.	13.8	142
10	Direct aerobic oxidation of primary alcohols to methyl esters catalyzed by a heterogeneous gold catalyst. <i>Catalysis Letters</i> , 2007, 116, 35-40.	2.6	140
11	Carbohydrate Carbocyclization by a Novel Zinc-Mediated Domino Reaction and Ring-Closing Olefin Metathesis. <i>Journal of the American Chemical Society</i> , 2000, 122, 8444-8452.	13.7	129
12	Dehydrogenative Synthesis of Imines from Alcohols and Amines Catalyzed by a Ruthenium N-Heterocyclic Carbene Complex. <i>Organometallics</i> , 2012, 31, 451-455.	2.3	117
13	Ruthenium-catalysed synthesis of 2- and 3-substituted quinolines from anilines and 1,3-diols. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 610-615.	2.8	94
14	Olefin Metathesis in Carbohydrate Chemistry. <i>Current Organic Chemistry</i> , 2000, 4, 565-588.	1.6	94
15	Ruthenium-Catalyzed Alkylation of Oxindole with Alcohols. <i>Journal of Organic Chemistry</i> , 2009, 74, 3990-3992.	3.2	90
16	Palladium-Catalyzed Enantioselective Synthesis of Carbanucleosides. <i>Journal of the American Chemical Society</i> , 2000, 122, 5947-5956.	13.7	89
17	Iridium catalysed synthesis of piperazines from diols. <i>Chemical Communications</i> , 2007, , 5034.	4.1	87
18	The Pent-4-enoyl Group: A Novel Amine-Protecting Group That Is Readily Cleaved under Mild Conditions. <i>Journal of Organic Chemistry</i> , 1995, 60, 7920-7926.	3.2	82

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19	A Short Synthetic Route to the Calystegine Alkaloids. <i>Journal of Organic Chemistry</i> , 2003, 68, 2115-2122.	3.2	79
20	Liposomal Formulation of Retinoids Designed for Enzyme Triggered Release. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 3782-3792.	6.4	77
21	Carbohydrate Carbocyclization by a Zinc-Mediated Tandem Reaction and Ring-Closing Enyne Metathesis. <i>Journal of Organic Chemistry</i> , 2002, 67, 4441-4449.	3.2	75
22	A Short Synthesis of (+)-Cyclophellitol. <i>Journal of Organic Chemistry</i> , 2005, 70, 10139-10142.	3.2	74
23	Synthesis and Biophysical Characterization of Chlorambucil Anticancer Ether Lipid Prodrugs. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 3408-3415.	6.4	72
24	Nonradical Zinc <sup>II</sup> Barbier Reaction for Diastereoselective Synthesis of Vicinal Amino Alcohols. <i>Journal of the American Chemical Society</i> , 2005, 127, 15756-15761.	13.7	67
25	Drug Delivery by an Enzyme-Mediated Cyclization of a Lipid Prodrug with Unique Bilayer Formation Properties. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 1823-1826.	13.8	67
26	Iridium-Catalyzed Dehydrogenative Decarbonylation of Primary Alcohols with the Liberation of Syngas. <i>Chemistry - A European Journal</i> , 2012, 18, 16023-16029.	3.3	67
27	Mechanistic Investigation of the Ruthenium <sup>II</sup> -Heterocyclic Carbene-Catalyzed Amidation of Amines with Alcohols. <i>Chemistry - A European Journal</i> , 2012, 18, 15683-15692.	3.3	66
28	Dehydrogenative Coupling of Primary Alcohols To Form Esters Catalyzed by a Ruthenium N-Heterocyclic Carbene Complex. <i>Organometallics</i> , 2011, 30, 6044-6048.	2.3	65
29	Ruthenium-Catalyzed Self-Coupling of Primary and Secondary Alcohols with the Liberation of Dihydrogen. <i>Journal of Organic Chemistry</i> , 2013, 78, 6593-6598.	3.2	64
30	Platinum-Catalyzed Ring Opening of 1,2-Cyclopropanated Sugars with O-Nucleophiles. Convenient Synthesis of 2-C-Branched Carbohydrates. <i>Journal of the American Chemical Society</i> , 2000, 122, 9575-9583.	13.7	63
31	A ready, convergent synthesis of the heptasaccharide GPI membrane anchor of rat brain Thy-1 glycoprotein. <i>Journal of the American Chemical Society</i> , 1993, 115, 7886-7887.	13.7	62
32	Studies Related to Synthesis of Glycophosphatidylinositol Membrane-Bound Protein Anchors. 6. Convergent Assembly of Subunits. <i>Journal of the American Chemical Society</i> , 1995, 117, 1554-1565.	13.7	62
33	Iridium- and ruthenium-catalysed synthesis of 2,3-disubstituted indoles from anilines and vicinal diols. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 5576.	2.8	62
34	Dehydrogenative Synthesis of Carboxylic Acids from Primary Alcohols and Hydroxide Catalyzed by a Ruthenium N-Heterocyclic Carbene Complex. <i>Journal of Organic Chemistry</i> , 2016, 81, 9931-9938.	3.2	62
35	A Short Enantioselective Synthesis of Carbanucleosides. <i>Angewandte Chemie International Edition in English</i> , 1996, 35, 1569-1572.	4.4	61
36	Novel Platinum-Catalyzed Ring-Opening of 1,2-Cyclopropanated Sugars with Alcohols. Stereoselective Synthesis of 2-C-Branched Glycosides. <i>Journal of the American Chemical Society</i> , 1998, 120, 12137-12138.	13.7	61

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37	Mechanistic investigation of the iridium-catalysed alkylation of amines with alcohols. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 2569.	2.8	61
38	Rhodium-Catalyzed Decarbonylation of Aldoses. <i>Journal of Organic Chemistry</i> , 2007, 72, 9782-9785.	3.2	60
39	Combined Experimental and Theoretical Mechanistic Investigation of the Barbier Allylation in Aqueous Media. <i>Journal of Organic Chemistry</i> , 2008, 73, 3228-3235.	3.2	60
40	Experimental and Theoretical Mechanistic Investigation of the Iridium-Catalyzed Dehydrogenative Decarbonylation of Primary Alcohols. <i>Journal of the American Chemical Society</i> , 2015, 137, 834-842.	13.7	58
41	Mechanistic Study of the sPLA <sub>2</sub> -Mediated Hydrolysis of a Thio-ester Pro Anticancer Ether Lipid. <i>Journal of the American Chemical Society</i> , 2009, 131, 12193-12200.	13.7	57
42	Synthetic Strategies for Converting Carbohydrates into Carbocycles by the Use of Olefin Metathesis. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 399-415.	2.4	55
43	Development and mechanistic investigation of the manganese(salen)-catalyzed dehydrogenation of alcohols. <i>Chemical Science</i> , 2019, 10, 1150-1157.	7.4	53
44	Synthesis of Hexasaccharide Fragments of Pectin. <i>Chemistry - A European Journal</i> , 2003, 9, 3821-3832.	3.3	52
45	A Convenient Route to Higher Sugars by Two-Carbon Chain Elongation Using Wittig/Dihydroxylation Reactions. <i>Journal of Organic Chemistry</i> , 2001, 66, 4625-4629.	3.2	50
46	A strategy for chemical synthesis of selectively methyl-esterified oligomers of galacturonic acid. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2001, , 543-551.	1.3	48
47	Chain Elongation of Aldoses by Indium-Mediated Coupling with 3-Bromopropenyl Esters. <i>Journal of Organic Chemistry</i> , 2005, 70, 8248-8251.	3.2	48
48	Deoxyiminoalditols from aldonolactones. V. Preparation of the four stereoisomers of 1,5-dideoxy-1,5-iminopentitols. Evaluation of these iminopentitols and three 1,5-dideoxy-1,5-iminoheptitols as glycosidase inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 1996, 4, 1857-1865.	3.0	46
49	Unsaturated Aldehydes as Alkene Equivalents in the Diels-Alder Reaction. <i>Chemistry - A European Journal</i> , 2008, 14, 5638-5644.	3.3	46
50	Structural Insights into Substrate Specificity and the <i>anti</i> - $\beta^2$ -Elimination Mechanism of Pectate Lyase. <i>Biochemistry</i> , 2010, 49, 539-546.	2.5	46
51	Enzymatic degradation of lignin-carbohydrate complexes (LCCs): Model studies using a fungal glucuronoyl esterase from <i>Cerrena unicolor</i> . <i>Biotechnology and Bioengineering</i> , 2015, 112, 914-922.	3.3	46
52	An enantio- and diastereo-controlled synthesis of ( $\beta$ ) neplanocin A and its 2,3-di-epi isomer. <i>Tetrahedron Letters</i> , 1997, 38, 1707-1710.	1.4	45
53	Structural basis for cyclophellitol inhibition of a $\beta^2$ -glucosidase. <i>Organic and Biomolecular Chemistry</i> , 2007, 5, 444-446.	2.8	45
54	A Concise Synthesis of Castanospermine by the Use of a Transannular Cyclization. <i>Journal of Organic Chemistry</i> , 2009, 74, 8886-8889.	3.2	44

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55	Hydroformylation of olefins and reductive carbonylation of aryl halides with syngas formed ex situ from dehydrogenative decarbonylation of hexane-1,6-diol. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 938-945.	2.8	44
56	Synthesis of 7-Deoxypancratistatin from Carbohydrates by the Use of Olefin Metathesis. <i>Chemistry - A European Journal</i> , 2006, 12, 3243-3253.	3.3	42
57	Convergent Synthesis of Pancratistatin from Piperonal and Xylose. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 4666-4673.	2.4	42
58	Iridium-Catalyzed Condensation of Amines and Vicinal Diols to Substituted Piperazines. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 6752-6759.	2.4	42
59	Manganese(III) Porphyrin-Catalyzed Dehydrogenation of Alcohols to form Imines, Tertiary Amines and Quinolines. <i>Chemistry - A European Journal</i> , 2019, 25, 6439-6446.	3.3	42
60	Synthesis and Biological Activity of Anticancer Ether Lipids That Are Specifically Released by Phospholipase A2 in Tumor Tissue. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 7305-7314.	6.4	41
61	Synthesis of naturally occurring iminosugars from d-fructose by the use of a zinc-mediated fragmentation reaction. <i>Organic and Biomolecular Chemistry</i> , 2006, 4, 2898.	2.8	41
62	Molecular Basis of Phospholipase A2 Activity toward Phospholipids with sn-1 Substitutions. <i>Biophysical Journal</i> , 2008, 94, 14-26.	0.5	40
63	Efficient Synthesis of Enantiopure Conduritols by Ring-Closing Metathesis. <i>Journal of Organic Chemistry</i> , 2001, 66, 4630-4634.	3.2	39
64	Studies Related to Synthesis of Glycophosphatidylinositol Membrane-Bound Protein Anchors. 5. n-Pentenyl Ortho Esters for Mannan Components. <i>Journal of the American Chemical Society</i> , 1995, 117, 1546-1553.	13.7	38
65	Modern methods for shortening and extending the carbon chain in carbohydrates at the anomeric center. <i>Tetrahedron</i> , 2011, 67, 8825-8850.	1.9	38
66	Zinc Oxide-Catalyzed Dehydrogenation of Primary Alcohols into Carboxylic Acids. <i>Chemistry - A European Journal</i> , 2018, 24, 17832-17837.	3.3	36
67	Dissection of Conformationally Restricted Inhibitors Binding to a $\beta$ -Glucosidase. <i>ChemBioChem</i> , 2006, 7, 738-742.	2.6	34
68	Glycosylations Directed by the Armed-Disarmed Effect with Acceptors Containing a Single Ester Group. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 3935-3941.	2.4	33
69	Regioselective Glycosylation of Unprotected Phenyl 1-thioglycopyranosides with Phenylboronic Acid as a Transient Masking Group. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 5923-5933.	2.4	33
70	Improved biomass degradation using fungal glucuronoyl-esterases hydrolysis of natural corn fiber substrate. <i>Journal of Biotechnology</i> , 2016, 219, 117-123.	3.8	33
71	Deoxyiminoalditols from aldonolactones. III. Preparation of 1,4-dideoxy-1,4-imino-L-gulitol. - Evaluation of 1,4-dideoxy-1,4-iminoheptitols as glycosidase inhibitors. <i>Tetrahedron</i> , 1994, 50, 7513-7520.	1.9	32
72	Synthesis of Gabosine A and N from Ribose by the Use of Ring-Closing Metathesis. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 396-402.	2.4	31

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73	Silver-Catalyzed Dehydrogenative Synthesis of Carboxylic Acids from Primary Alcohols. <i>Chemistry - A European Journal</i> , 2017, 23, 11920-11926.	3.3	31
74	Short syntheses of enantiopure calystegine B2, B3, and B4. <i>Chemical Communications</i> , 2001, , 1106-1107.	4.1	30
75	Synthesis of anti-tumour phosphatidylinositol analogues from glucose by the use of ring-closing olefin metathesis. <i>Organic and Biomolecular Chemistry</i> , 2004, 2, 2951.	2.8	30
76	Ultrafast Grignard addition reactions in the presence of water. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 3402.	2.8	30
77	Zinc-mediated domino elimination-alkylation of methyl 5-iodopentofuranosides: an easy route to unsaturated carbohydrates for transition metal-catalyzed carbocyclizations. <i>Chemical Communications</i> , 1999, , 2101-2102.	4.1	29
78	Dimethylzinc-Initiated Radical Coupling of $\beta$ -Bromostyrenes with Ethers and Amines. <i>Chemistry - A European Journal</i> , 2015, 21, 16272-16279.	3.3	29
79	One-Pot Glycosylations in the Synthesis of Human Milk Oligosaccharides. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 3232-3241.	2.4	27
80	Zinc-Mediated Fragmentation of Methyl 6-Deoxy-6-iodo-hexopyranosides. <i>Monatshefte für Chemie</i> , 2002, 133, 467-472.	1.8	26
81	Synthesis of Calystegine A <sub>3</sub> from Glucose by the Use of Ring-Closing Metathesis. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 3387-3395.	2.4	26
82	Methyl vinyl glycolate as a diverse platform molecule. <i>Green Chemistry</i> , 2016, 18, 5448-5455.	9.0	26
83	Regioselective Tosylation of Aldonolactones. <i>Synthesis</i> , 1992, 1992, 1129-1132.	2.3	24
84	Acetal Transfer via Halonium-Ion Induced Reactions of Dipent-4-enyl Acetals: Scope and Mechanism. <i>Journal of Organic Chemistry</i> , 1995, 60, 772-779.	3.2	24
85	Synthesis of oligogalacturonates conjugated to BSA. <i>Carbohydrate Research</i> , 2004, 339, 2159-2169.	2.3	24
86	Molybdenum-Catalyzed Dehydrogenative Synthesis of Imines from Alcohols and Amines. <i>ChemCatChem</i> , 2018, 10, 3703-3708.	3.7	24
87	Enyne Metathesis Catalyzed by Ruthenium Carbene Complexes. <i>Synthesis</i> , 2003, 1, 0001-0018.	2.3	23
88	A concise synthetic route to the conduritols from pentoses. <i>Organic and Biomolecular Chemistry</i> , 2005, 3, 4124.	2.8	23
89	Radical condensation between benzylic alcohols and acetamides to form 3-arylpropanamides. <i>Chemical Science</i> , 2020, 11, 7800-7806.	7.4	22
90	Deoxyiminoalditols from Aldonolactones; II. Preparation of 1,4-Dideoxy-1,4-iminohexitols with D- and L-Galacto and D- and L-Ido Configuration: Potential Glycosidase Inhibitors. <i>Synthesis</i> , 1993, 1993, 720-724.	2.3	20

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91	Deoxyiminoalditols from Aldonolactones; I. Preparation of 1,4-Dideoxy-1,4-iminohexitols with D- and L-Allo and D- and L-Talo Configuration: Potential Glycosidase Inhibitors. <i>Synthesis</i> , 1993, 1993, 714-720.	2.3	20
92	Ring-opening of cyclic ethers with carbon-carbon bond formation by Grignard reagents. <i>Tetrahedron</i> , 2014, 70, 4942-4946.	1.9	20
93	In Situ Generated Cobalt Catalyst for the Dehydrogenative Coupling of Alcohols and Amines into Imines. <i>ChemCatChem</i> , 2019, 11, 2707-2712.	3.7	20
94	Deoxyiminoalditols from Aldonolactones; IV: Preparation of 1,5-Dideoxy-1,5-iminoheptitols with L-glycero-D-manno, D-glycero-L-gulo and L-glycero-D-altro Configuration. <i>Synthesis</i> , 1995, 1995, 787-794.	2.3	18
95	Stannylene-Mediated Regioselective Glycosylation of Unprotected Phenyl Thioglycopyranosides. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 2683-2691.	2.4	18
96	Prostaglandin phospholipid conjugates with unusual biophysical and cytotoxic properties. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 4456-4458.	2.2	17
97	Effects of Alkali-Metal Ions and Counter Ions in Beta-Catalyzed Carbohydrate Conversion. <i>ChemSusChem</i> , 2018, 11, 1198-1203.	6.8	17
98	NMR Spectroscopic Isotope Tracking Reveals Cascade Steps in Carbohydrate Conversion by Tin-Beta. <i>ChemCatChem</i> , 2018, 10, 1414-1419.	3.7	17
99	Cobalt-Catalyzed Dehydrogenative Coupling of Amines into Imines. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 7164-7168.	2.4	16
100	Synthesis of sn-1 functionalized phospholipids as substrates for secretory phospholipase A2. <i>Chemistry and Physics of Lipids</i> , 2007, 146, 54-66.	3.2	15
101	Glycosylation with Disarmed Glycosyl Bromides Promoted by Iodonium Ions. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 3119-3125.	2.4	15
102	Eine kurze, enantioselektive Synthese von Carbanucleosiden. <i>Angewandte Chemie</i> , 1996, 108, 1666-1668.	2.0	14
103	Ruthenium-Catalyzed Dehydrogenative Decarbonylation of Primary Alcohols. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 5417-5420.	2.4	14
104	Manganese-Catalyzed Cross-Coupling of Aryl Halides and Grignard Reagents by a Radical Mechanism. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 4758-4764.	2.4	14
105	Studies toward Lipid A: Synthesis of Differentially Protected Disaccharide Fragments. <i>Journal of Organic Chemistry</i> , 1997, 62, 3654-3658.	3.2	13
106	Synthesis of a Backbone Hexasaccharide Fragment of the Pectic Polysaccharide Rhamnogalacturonan I. <i>Organic Letters</i> , 2013, 15, 1826-1829.	4.6	13
107	The Manganese-Catalyzed Cross-Coupling Reaction and the Influence of Trace Metals. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 5269-5274.	2.4	13
108	Isomerization of all-trans-Retinoic Acid Mediated by Carbodiimide Activation - Synthesis of ATRA Ether Lipid Conjugates. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 719-724.	2.4	12

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109	Vanadium- and Chromium-Catalyzed Dehydrogenative Synthesis of Imines from Alcohols and Amines. <i>Organometallics</i> , 2021, 40, 1328-1335.	2.3	12
110	Regioselective Conversion of Primary Alcohols into Iodides in Unprotected Methyl Furanosides and Pyranosides. <i>Synthesis</i> , 2002, 2002, 1721-1727.	2.3	11
111	Manganese-Catalyzed Aerobic Heterocoupling of Aryl Grignard Reagents. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 1331-1336.	2.4	10
112	Investigation of Lipid Oxidation in the Raw Materials of a Topical Skin Formulation: A Topical Skin Formulation Containing a High Lipid Content. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 2018, 95, 185-196.	1.9	10
113	Synthetically Useful Base-Induced Rearrangements of Aldonolactones. <i>Topics in Current Chemistry</i> , 2001, , 177-191.	4.0	9
114	The retro Grignard addition reaction revisited: the reversible addition of benzyl reagents to ketones. <i>Tetrahedron</i> , 2014, 70, 1478-1483.	1.9	8
115	Synthesis of Arabinoxylan Oligosaccharides by Preactivation-Based Iterative Glycosylations. <i>Journal of Organic Chemistry</i> , 2019, 84, 16036-16054.	3.2	8
116	Iridium-Catalyzed Condensation of Primary Amines To Form Secondary Amines. <i>Synthesis</i> , 2009, 2009, 4110.	2.3	7
117	Halide-mediated regioselective 6-O-glycosylation of unprotected hexopyranosides with perbenzylated glycosyl bromide donors. <i>Tetrahedron</i> , 2016, 72, 415-419.	1.9	7
118	Synthetic Applications and Mechanistic Studies of the Hydroxide-Mediated Cleavage of Carbon-Carbon Bonds in Ketones. <i>Journal of Organic Chemistry</i> , 2017, 82, 5890-5897.	3.2	7
119	Synthesis of tocopheryl succinate phospholipid conjugates and monitoring of phospholipase A2 activity. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 3972-3978.	3.0	6
120	Iridium catalysis: reductive conversion of glucan to xylan. <i>Chemical Communications</i> , 2018, 54, 952-955.	4.1	6
121	Palladium(0)-Catalyzed Rearrangement of Allylic Esters. <i>ChemistrySelect</i> , 2020, 5, 2559-2563.	1.5	5
122	Dipent-4-enyl acetals as acetalization agents. <i>Journal of the Chemical Society Chemical Communications</i> , 1994, , 749.	2.0	4
123	Synthesis of Two Tetrasaccharide Pentenyl Glycosides Related to the Pectic Rhamnogalacturonan I Polysaccharide. <i>Molecules</i> , 2018, 23, 327.	3.8	3
124	Synthesis of Glucuronoxylan Hexasaccharides by Preactivation-Based Glycosylations. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 3050-3058.	2.4	3
125	Zinc-Mediated Fragmentation of Methyl 6-Deoxy-6-iodo-hexopyranosides. , 2002, , 117-122.		3
126	Oxidation, Reduction, and Deoxygenation. , 2008, , 179-225.		2



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127	Oxidation and Reduction. , 2001, , 195-229.		2
128	Synthesis, Stability, and Diels-Alder Reactions of Methyl 2-Oxobutanoate. European Journal of Organic Chemistry, 2021, 2021, 4049-4053.	2.4	1
129	Sensitive NMR method for detecting carbohydrate influx into competing chemocatalytic pathways. Analyst, The, 2020, 145, 4427-4431.	3.5	0