Timothy J Donohoe

List of Publications by Year
in descending order

201 papers	7,972 citations	41344 49 h-index	76900 74 g-index
260 all docs	260 docs citations	260 times ranked	5305 citing authors

#	Article	IF	Citations
1	Hexafluoroisopropanol as a highly versatile solvent. Nature Reviews Chemistry, 2017, 1, .	30.2	553
2	Recent Developments in Methodology for the Direct Oxyamination of Olefins. Chemistry - A European Journal, 2011, 17, 58-76.	3.3	251
3	Rhodiumâ€Catalyzed Ketone Methylation Using Methanol Under Mild Conditions: Formation of Î±â€Branched Products. Angewandte Chemie - International Edition, 2014, 53, 761-765.	13.8	207
4	Ring-Closing Metathesis as a Basis for the Construction of Aromatic Compounds. Angewandte Chemie - International Edition, 2006, 45, 2664-2670.	13.8	181
5	Hydrogen Bonding to Hexafluoroisopropanol Controls the Oxidative Strength of Hypervalent Iodine Reagents. Journal of the American Chemical Society, 2016, 138, 8855-8861.	13.7	162
6	Hydrogenâ€Borrowing and Interruptedâ€Hydrogenâ€Borrowing Reactions of Ketones and Methanol Catalyzed by Iridium. Angewandte Chemie - International Edition, 2015, 54, 1642-1645.	13.8	148
7	Rutheniumâ€Catalyzed Isomerization of Terminal Olefins: Applications to Synthesis. Angewandte Chemie - International Edition, 2009, 48, 1014-1017.	13.8	147
8	Directed Dihydroxylation of Cyclic Allylic Alcohols and Trichloroacetamides Using OsO4/TMEDA. Journal of Organic Chemistry, 2002, 67, 7946-7956.	3.2	131
9	The directed dihydroxylation of allylic alcohols. Tetrahedron Letters, 1997, 38, 5027-5030.	1.4	106
10	The Tethered Aminohydroxylation (TA) of Cyclic Allylic Carbamates. Journal of the American Chemical Society, 2002, 124, 12934-12935.	13.7	102
11	Hydrogen Borrowing Catalysis with Secondary Alcohols: A New Route for the Generation of Î²-Branched Carbonyl Compounds. Journal of the American Chemical Society, 2017, 139, 2577-2580.	13.7	97
12	Ringâ€Closing Metathesis: Novel Routes to Aromatic Heterocycles. Chemistry - A European Journal, 2008, 14, 5716-5726.	3.3	96
13	N-Sulfonyloxy Carbamates as Reoxidants for the Tethered Aminohydroxylation Reaction. Journal of the American Chemical Society, 2006, 128, 2514-2515.	13.7	93
14	Direct preparation of thiazoles, imidazoles, imidazopyridines and thiazolidines from alkenes. Organic and Biomolecular Chemistry, 2012, 10, 1093-1101.	2.8	92
15	Strategic Application and Transformation of <i>ortho</i>-Disubstituted Phenyl and Cyclopropyl Ketones To Expand the Scope of Hydrogen Borrowing Catalysis. Journal of the American Chemical Society, 2015, 137, 15664-15667.	13.7	89
16	A General Oxidative Cyclization of 1,5-Dienes Using Catalytic Osmium Tetroxide. Angewandte Chemie - International Edition, 2003, 42, 948-951.	13.8	85
17	Ammonia Free Partial Reduction of Aromatic Compounds Using Lithium Di-tert-butylbiphenyl (LiDBB). Journal of Organic Chemistry, 2002, 67, 5015-5018.	3.2	82
18	Heteroaromatic Synthesis <i>via</i> Olefin Cross-Metathesis: Entry to Polysubstituted Pyridines. Organic Letters, 2011, 13, 1036-1039.	4.6	82

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19	A Noncarbohydrate Based Approach to Polyhydroxylated Pyrrolidizines:Â Total Syntheses of the Natural Products Hyacinthacine A1and 1-Epiaustraline. Journal of Organic Chemistry, 2005, 70, 7297-7304.	3.2	78
20	Oxidative Cyclization of Diols Derived from 1,5-Dienes: Formation of Enantiopurecis-Tetrahydrofurans by Using Catalytic Osmium Tetroxide; Formal Synthesis of (+)-cis-Solamin. Angewandte Chemie - International Edition, 2005, 44, 4766-4768.	13.8	76
21	Control of Absolute Stereochemistry in Transitionâ€Metalâ€Catalysed Hydrogenâ€Borrowing Reactions. Chemistry - A European Journal, 2020, 26, 12912-12926.	3.3	76
22	A Metathesis-Based Approach to the Synthesis of 2-Pyridones and Pyridines. Organic Letters, 2008, 10, 285-288.	4.6	75
23	The reductive C3 functionalization of pyridinium and quinolinium salts through iridium-catalysed interrupted transfer hydrogenation. Nature Chemistry, 2019, 11, 242-247.	13.6	73
24	Substituted Pyrroles via Olefin Cross-Metathesis. Organic Letters, 2010, 12, 4094-4097.	4.6	72
25	Development of the Directed Dihydroxylation Reaction. Synlett, 2002, 2002, 1223-1232.	1.8	71
26	Tethered Aminohydroxylation:Â Dramatic Improvements to the Process. Organic Letters, 2007, 9, 1725-1728.	4.6	71
27	Olefin cross-metathesis for the synthesis of heteroaromatic compounds. Organic and Biomolecular Chemistry, 2012, 10, 1322.	2.8	71
28	An expedient route to substituted furans via olefin cross-metathesis. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 3373-3376.	7.1	70
29	Synthesis of (âˆ’)â€(<i>Z</i>)â€Deoxypukalide. Angewandte Chemie - International Edition, 2008, 47, 7314-7316.	13.8	66
30	Stereoselective Synthesis of Cyclohexanes via an Iridium Catalyzed (5 + 1) Annulation Strategy. Journal of the American Chemical Society, 2018, 140, 11916-11920.	13.7	66
31	The regioselective aminohydroxylation of allylic carbamates. Chemical Communications, 2001, , 2078-2079.	4.1	65
32	Ring-closing metathesis for the synthesis of heteroaromatics: evaluating routes to pyridines and pyridazines. Tetrahedron, 2009, 65, 8969-8980.	1.9	62
33	The tethered aminohydroxylation (TA) reactionElectronic supplementary information (ESI) available: Figure: The tethered aminohydroxylation reaction. See http://www.rsc.org/suppdata/ob/b3/b305189g/. Organic and Biomolecular Chemistry, 2003, 1, 2025.	2.8	60
34	An Efficient Synthesis of LactacystinÎ²-Lactone. Angewandte Chemie - International Edition, 2004, 43, 2293-2296.	13.8	59
35	Synthesis of substituted isoquinolines utilizing palladium-catalyzed Î±-arylation of ketones. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 11605-11608.	7.1	56
36	Total Synthesis of the Antitumor Antibiotic (Â±)-Streptonigrin: First- and Second-Generation Routes for de Novo Pyridine Formation Using Ring-Closing Metathesis. Journal of Organic Chemistry, 2013, 78, 12338-12350.	3.2	56

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37	A Metathesis Approach to Aromatic Heterocycles. European Journal of Organic Chemistry, 2005, 2005, 1969-1971.	2.4	55
38	Flexible Strategy for the Synthesis of Pyrrolizidine Alkaloids. Organic Letters, 2008, 10, 3615-3618.	4.6	55
39	Catalytic Hypervalent Iodine Promoters Lead to Styrene Dimerization and the Formation of Triâ€•and Tetrasubstituted Cyclobutanes. Angewandte Chemie - International Edition, 2016, 55, 4748-4752.	13.8	54
40	Catalytic Asymmetric Synthesis of Cyclohexanes by Hydrogen Borrowing Annulations. Angewandte Chemie - International Edition, 2019, 58, 12558-12562.	13.8	54
41	Birch Reduction of Electron-Deficient Pyrroles. Journal of Organic Chemistry, 1996, 61, 7664-7665.	3.2	53
42	Stereoselective Synthesis of Pyrrolidines: Catalytic Oxidative Cyclizations Mediated by Osmium. Angewandte Chemie - International Edition, 2006, 45, 8025-8028.	13.8	53
43	A Metathesis-Based Approach to the Synthesis of Furans. Organic Letters, 2007, 9, 953-956.	4.6	53
44	Total Synthesis of (Â±)-Streptonigrin: De Novo Construction of a Pentasubstituted Pyridine using Ring-Closing Metathesis. Journal of the American Chemical Society, 2011, 133, 16418-16421.	13.7	53
45	Directed Dihydroxylation of Allylic Trichloroacetamides. Journal of Organic Chemistry, 1999, 64, 2980-2981.	3.2	52
46	Synthesis of the Pyrrolidinone Core of KSM-2690 B. Organic Letters, 2007, 9, 421-424.	4.6	52
47	Flexible metathesis-based approaches to highly functionalised furans and pyrroles. Tetrahedron, 2008, 64, 809-820.	1.9	51
48	The synthesis of (+)-pericosine B. Tetrahedron Letters, 1998, 39, 8755-8758.	1.4	50
49	Flexibility in the Partial Reduction of 2,5-Disubstituted Pyrroles:â€‰ Application to the Synthesis of DMDP. Organic Letters, 2003, 5, 999-1002.	4.6	50
50	A Concise Total Synthesis of (Â±)-1-Epiaustraline. Organic Letters, 2004, 6, 2003-2006.	4.6	50
51	Utility of the Ammonia-Free Birch Reduction of Electron-Deficient Pyrroles: Total Synthesis of the 20S Proteasome Inhibitor,clasto-Lactacystin Î²-Lactone. Chemistry - A European Journal, 2005, 11, 4227-4238.	3.3	50
52	Modular Isoquinoline Synthesis Using Catalytic Enolate Arylation and in Situ Functionalization. Organic Letters, 2013, 15, 6190-6193.	4.6	50
53	Hydrogen bonding control in the oxidative cyclisation of 1,5-dienes. Tetrahedron Letters, 2001, 42, 971-974.	1.4	47
54	Total Synthesis of (+)-cis-Sylvaticin:Â Double Oxidative Cyclization Reactions Catalyzed by Osmium. Journal of the American Chemical Society, 2006, 128, 13704-13705.	13.7	47

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55	Tethered Aminohydroxylation (TA) Reaction of Amides. Organic Letters, 2009, 11, 2305-2307.	4.6	47
56	Efficient Acyclic Stereocontrol Using the Tethered Aminohydroxylation Reaction. Organic Letters, 2004, 6, 2583-2585.	4.6	46
57	Short and Efficient Syntheses of Protoberberine Alkaloids using Palladiumâ€Catalyzed Enolate Arylation. Angewandte Chemie - International Edition, 2014, 53, 14555-14558.	13.8	45
58	HFIP Solvent Enables Alcohols To Act as Alkylating Agents in Stereoselective Heterocyclization. Journal of the American Chemical Society, 2019, 141, 6489-6493.	13.7	44
59	Concise Syntheses of the Natural Products (+)-Sylvaticin and (+)-<i>cis</i>-Sylvaticin. Journal of the American Chemical Society, 2009, 131, 12854-12861.	13.7	43
60	Palladium-catalyzed Î±-arylation of carbonyls in the de novo synthesis of aromatic heterocycles. Organic and Biomolecular Chemistry, 2015, 13, 4367-4373.	2.8	43
61	Surface plasmon resonance imaging of glycoarrays identifies novel and unnatural carbohydrate-based ligands for potential ricin sensor development. Chemical Science, 2011, 2, 1952.	7.4	42
62	Pyridineâ€‹<i>N</i>â€Oxide as a Mild Reoxidant Which Transforms Osmiumâ€Catalyzed Oxidative Cyclization. Angewandte Chemie - International Edition, 2008, 47, 2872-2875.	13.8	41
63	Tethered Aminohydroxylation Reaction and Its Application to Total Synthesis. European Journal of Organic Chemistry, 2012, 2012, 655-663.	2.4	41
64	Synthesis of substituted pyridines and pyridazines via ring closing metathesis. Chemical Communications, 2009, , 3008.	4.1	40
65	Synthesis of 2,4,6-trisubstituted pyridines via an olefin cross-metathesis/Heckâ€"cyclisationâ€"elimination sequence. Chemical Communications, 2011, 47, 10611.	4.1	40
66	Orthogonally Protected 1,2-Diols from Electron-Rich Alkenes Using Metal-Free Olefin <i>syn</i>-Dihydroxylation. Organic Letters, 2016, 18, 5880-5883.	4.6	39
67	A syn selective dihydroxylation of cyclic allylic trichloroacetamides using catalytic osmium tetroxide. Tetrahedron Letters, 2000, 41, 4701-4704.	1.4	38
68	Concise and Enantioselective Synthesis of the Aminocyclitol Core of Hygromycin A. Organic Letters, 2005, 7, 1275-1277.	4.6	38
69	Partial reduction of pyrroles: application to natural product synthesis. Chemical Record, 2007, 7, 180-190.	5.8	38
70	Hydride Shift Generated Oxonium Ions: Evidence for Mechanism and Intramolecular Trapping Experiments to Form <i>trans</i> THF Derivatives. Angewandte Chemie - International Edition, 2008, 47, 2869-2871.	13.8	38
71	Enantioconvergent alkylation of ketones with racemic secondary alcohols <i>via</i> hydrogen borrowing catalysis. Chemical Communications, 2020, 56, 3543-3546.	4.1	37
72	Osmium-Catalyzed Oxidative Cyclization of Dienes and Their Derivatives. Journal of Organic Chemistry, 2013, 78, 2149-2167.	3.2	36

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73	Palladium-catalyzed enolate arylation as a key Câ€“C bond-forming reaction for the synthesis of isoquinolines. Organic and Biomolecular Chemistry, 2016, 14, 1065-1090.	2.8	36
74	Scope of the directed dihydroxylation: application to cyclic homoallylic alcohols and trihaloacetamides. Organic and Biomolecular Chemistry, 2003, 1, 2173.	2.8	35
75	A Concise and Efficient Synthesis of (âˆ')-Allosamizoline. Organic Letters, 2007, 9, 5509-5511.	4.6	35
76	Regioselective Nucleophilic Addition to Pyridinium Salts: A New Route to Substituted Dihydropyridones. Organic Letters, 2009, 11, 5562-5565.	4.6	35
77	Synthesis of lamellarin alkaloids using orthoester-masked Î±-keto acids. Chemical Science, 2019, 10, 4334-4338.	7.4	35
78	Natural product synthesis as a challenging test of newly developed methodology. Chemical Communications, 2012, 48, 11924.	4.1	34
79	Scope of the reductive aldol reaction: application to aromatic carbocycles and heterocyclesThis is one of a number of contributions from the current members of the Dyson Perrins Laboratory to mark the end of almost 90 years of organic chemistry research in that building, as all its current academic staff move across South Parks Road to a new purpose-built laboratory.. Organic and Biomolecular Chemistry, 2003, 1, 3749.	2.8	33
80	Stereoselectivity in the Birch reduction of 2-furoic acid derivatives. Tetrahedron Letters, 1998, 39, 3071-3074.	1.4	31
81	Partial Reduction of Electron-Deficient Pyridinesâ€. Organic Letters, 2000, 2, 3861-3863.	4.6	31
82	Partial Reduction of Annulated Heterocycles as a General Route to Medium Rings Containing Oxygen and Nitrogen. Organic Letters, 2001, 3, 861-864.	4.6	31
83	Synthesis of (âˆ')â€Hygromycin A: Application of Mitsunobu Glycosylation and Tethered Aminohydroxylation. Angewandte Chemie - International Edition, 2009, 48, 6507-6510.	13.8	31
84	The Birch reduction of 3-substituted pyrroles. Tetrahedron Letters, 1998, 39, 3075-3078.	1.4	30
85	Use of dissolving metals in the partial reduction of pyridines: formation of 2-alkyl-1,2-dihydropyridines. Journal of the Chemical Society, Perkin Transactions 1, 2001, , 1435-1445.	1.3	30
86	Partial Reduction of Pyridinium Salts as a Versatile Route to Dihydropyridones. Organic Letters, 2005, 7, 435-437.	4.6	30
87	Interplay of Cascade Oxidative Cyclization and Hydride Shifts in the Synthesis of the ABC Spiroketal Ring System of Pectenotoxinâ€4. Angewandte Chemie - International Edition, 2013, 52, 2491-2494.	13.8	30
88	Rhodium catalysed C-3/5 methylation of pyridines using temporary dearomatisation. Chemical Science, 2020, 11, 8595-8599.	7.4	30
89	Chemo- and Regioselective Synthesis of Acyl-Cyclohexenes by a Tandem Acceptorless Dehydrogenation-[1,5]-Hydride Shift Cascade. Journal of the American Chemical Society, 2020, 142, 2514-2523.	13.7	30
90	The stereoselective Birch reduction of pyrroles. Tetrahedron Letters, 1999, 40, 435-438.	1.4	29

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91	Modular Synthesis of Highly Substituted Pyridines via Enolate Î±-Alkenylation. Organic Letters, 2015, 17, 3222-3225.	4.6	29
92	Application of catalytic Z-selective olefin metathesis in natural product synthesis. Tetrahedron Letters, 2015, 56, 5261-5268.	1.4	29
93	A hydrogen borrowing annulation strategy for the stereocontrolled synthesis of saturated aza-heterocycles. Chemical Communications, 2020, 56, 3563-3566.	4.1	29
94	The partial reduction of heterocycles: an alternative to the Birch reduction. Tetrahedron Letters, 2000, 41, 1331-1334.	1.4	28
95	The ammonia-free partial reduction of substituted pyridinium salts. Organic and Biomolecular Chemistry, 2006, 4, 1071.	2.8	28
96	A Short and Efficient Synthesis of Neodysiherbaineâ€...A by Using Catalytic Oxidative Cyclization. Angewandte Chemie - International Edition, 2011, 50, 7604-7606.	13.8	28
97	On the dihydroxylation of cyclic allylic alcohols. Tetrahedron Letters, 1996, 37, 3407-3410.	1.4	27
98	Homoallylic alcohols and trichloroacetamides as hydrogen bond donors for directed dihydroxylation. Tetrahedron Letters, 2001, 42, 8951-8954.	1.4	27
99	A General Oxidative Cyclization of 1,5-Dienes Using Catalytic Osmium Tetroxide. Angewandte Chemie, 2003, 115, 978-981.	2.0	27
100	A Lewis Acid Promoted Oxidative Cyclization. Journal of Organic Chemistry, 2009, 74, 6394-6397.	3.2	27
101	Synthesis of cylindricine C and a formal synthesis of cylindricine A. Tetrahedron, 2010, 66, 6411-6420.	1.9	27
102	Direct Preparation of Heteroaromatic Compounds from Alkenes. Synlett, 2010, 2010, 2956-2958.	1.8	27
103	Transitionâ€Metalâ€Free Reductive Hydroxymethylation of Isoquinolines. Angewandte Chemie - International Edition, 2019, 58, 15697-15701.	13.8	27
104	Synthesis of (Â±)-Secosyrin 1 and a Formal Synthesis of (âˆ')-Secosyrin 1. Organic Letters, 2004, 6, 465-467.	4.6	26
105	New Osmium-Based Reagent for the Dihydroxylation of Alkenes. Journal of Organic Chemistry, 2006, 71, 4481-4489.	3.2	26
106	Catalytic Asymmetric Synthesis of Cyclohexanes by Hydrogen Borrowing Annulations. Angewandte Chemie, 2019, 131, 12688-12692.	2.0	26
107	Studies on the role of conformation and of hydrogen-bonding on the dihydroxylation of cyclic allylic alcohols: application to the synthesis of conduritol D. Journal of the Chemical Society Perkin Transactions 1, 1997, , 43-52.	0.9	25
108	Reduction of electron-deficient pyrroles using group I and II metals in ammonia. Journal of the Chemical Society Perkin Transactions 1, 1998, , 667-676.	0.9	25

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109	An Enzymatic Approach to the Desymmetrization of Disubstituted Pyrrolines. Journal of Organic Chemistry, 2006, 71, 6298-6301.	3.2	25
110	Kinetics and thermodynamics of the Li/Li⁺ couple in tetrahydrofuran at low temperatures (195â€“295â€‰K). Journal of Physical Organic Chemistry, 2007, 20, 677-684.	1.9	25
111	Single point activation of pyridines enables reductive hydroxymethylation. Chemical Science, 2021, 12, 742-746.	7.4	25
112	The partial reduction of electron-deficient pyrroles: procedures describing both Birch (Li/NH3) and ammonia-free (Li/DBB) conditions. Nature Protocols, 2007, 2, 1888-1895.	12.0	24
113	Synthesis of amino-sugars using the directed dihydroxylation reaction. Chemical Communications, 1999, , 1733-1734.	4.1	23
114	Synthesis of (+)-DGDP and (âˆ’)-7-epialexine. Organic and Biomolecular Chemistry, 2008, 6, 3896.	2.8	23
115	Asymmetric Synthesis of the Fully Elaborated Pyrrolidinone Core of Oxazolomycin A. Organic Letters, 2012, 14, 5460-5463.	4.6	23
116	syn stereocontrol in the directed dihydroxylation of acyclic allylic alcohols. Tetrahedron Letters, 1999, 40, 6881-6885.	1.4	22
117	Silyl substituted furans in the stereoselective Birch reduction. Tetrahedron Letters, 2001, 42, 5841-5844.	1.4	22
118	Diastereoselective reductive aldol reactions of Boc-protected electron deficient pyrroles. Tetrahedron Letters, 2003, 44, 1095-1098.	1.4	22
119	Palladium nanoparticle-modified carbon nanotubes for electrochemical hydrogenolysis in ionic liquids. New Journal of Chemistry, 2011, 35, 1369.	2.8	21
120	De Novo Synthesis of Multisubstituted Aryl Amines Using Alkene Cross Metathesis. Organic Letters, 2014, 16, 1920-1923.	4.6	21
121	Asymmetric Total Synthesis of (âˆ’)-(3<i>R</i>)-Inthomycin C. Organic Letters, 2018, 20, 3583-3586.	4.6	21
122	Stereoselective reductive alkylation of 2,5-disubstituted pyrroles: a role for naphthalene in the partial reduction of heterocycles. Tetrahedron Letters, 2000, 41, 1327-1330.	1.4	20
123	Stereoselective synthesis of alicyclic ketones: A hydrogen borrowing approach. Tetrahedron, 2019, 75, 130680.	1.9	20
124	Stereoselective reduction of chiral 2-furoic acid derivatives using group I metals in ammonia. Journal of the Chemical Society, Perkin Transactions 1, 2000, , 3724-3731.	1.3	19
125	New Modes for the Osmium-Catalyzed Oxidative Cyclization. Organic Letters, 2010, 12, 1060-1063.	4.6	19
126	Dehydromicrosclerodermin€…B and Microsclerodermin€…J: Total Synthesis and Structural Revision. Angewandte Chemie - International Edition, 2016, 55, 9753-9757.	13.8	19

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127	The synthesis of (+)-nemorensic acid. Chemical Communications, 2000, , 465-466.	4.1	18
128	Enantiopure oxazolidinones as chiral acids in the asymmetric protonation of N-Boc pyrrole derived enolates. Chemical Communications, 2004, , 722.	4.1	18
129	Cryo-electrochemistry in tetrahydrofuran: The electrochemical reduction of a phenyl thioether: [(3-{[trans-4-(Methoxymethoxy)cyclohexyl]oxy}propyl)thio]benzene. Journal of Electroanalytical Chemistry, 2006, 589, 187-194.	3.8	18
130	Catalytic Enolate Arylation with 3-Bromoindoles Allows the Formation of Î²-Carbolines. Journal of Organic Chemistry, 2017, 82, 4435-4443.	3.2	18
131	Synthesis of Enantiopure Dihydropyranones:â€‰ Aldol-Based Ring Expansion of Dihydrofurans. Organic Letters, 2002, 4, 3059-3062.	4.6	17
132	Alkali Metal Reductions of Organic Molecules: Why Mediated Electron Transfer from Lithium Is Faster than Direct Reduction. Journal of the American Chemical Society, 2008, 130, 12256-12257.	13.7	17
133	Ring-Closing Metathesis as a Key Step in the Synthesis of 2-Pyridones and Pyridine Triflates. Synthesis, 2008, 2008, 2665-2667.	2.3	17
134	Quantitative voltammetry of the reduction of methyl benzoate in THF reveals strong ion pairing of the radical anion with tetraâ€<i>n</i>â€butyl cations. Journal of Physical Organic Chemistry, 2009, 22, 247-253.	1.9	17
135	A green approach to Fenton chemistry: mono-hydroxylation of salicylic acid in aqueous medium by the electrogeneration of Fenton's reagent. New Journal of Chemistry, 2012, 36, 1265.	2.8	17
136	Photochemical Alkene Isomerization for the Synthesis of Polysubstituted Furans and Pyrroles under Neutral Conditions. Chemistry - A European Journal, 2019, 25, 13114-13118.	3.3	17
137	Hydrogenâ€Borrowing Alkylation of 1,2â€Amino Alcohols in the Synthesis of Enantioenriched Î³â€Aminobutyric Acids. Angewandte Chemie - International Edition, 2021, 60, 6981-6985.	13.8	17
138	Reductive aldol reactions on aromatic heterocycles. Tetrahedron Letters, 2000, 41, 989-993.	1.4	16
139	Highlights of natural product synthesis. Annual Reports on the Progress of Chemistry Section B, 2006, 102, 98.	0.9	16
140	Electrosynthetic reduction of 1-iodoadamantane forming 1,1â€²-biadamantane and adamantane in aprotic solvents: Insonation switches the mechanism from dimerisation to exclusive monomer formation. Ultrasonics Sonochemistry, 2007, 14, 502-508.	8.2	16
141	Amino Acidâ€Based Reoxidants for Aminohydroxylation: Application to the Construction of Amino Acidâ€"Amino Alcohol Conjugates. Angewandte Chemie - International Edition, 2011, 50, 10957-10960.	13.8	16
142	OBO-Protected Pyruvates as Reagents for the Synthesis of Functionalized Heteroaromatic Compounds. Organic Letters, 2018, 20, 4048-4051.	4.6	16
143	Evolution of the Dearomative Functionalization of Activated Quinolines and Isoquinolines: Expansion of the Electrophile Scope. Angewandte Chemie - International Edition, 2022, 61, e202204682.	13.8	16
144	Preparation of (+)-nemorensic acid and approaches to nemorensine using the partial reduction of electron deficient furans. Journal of the Chemical Society, Perkin Transactions 1, 2002, , 1369-1375.	1.3	15

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145	Enantioselective Partial Reduction of 2,5-Disubstituted Pyrroles via a Chiral Protonation Approach. Organic Letters, 2004, 6, 3055-3058.	4.6	15
146	Cryovoltammetrically probing functional group reductive cleavage: alkylâ€“sulfur versus arylâ€“sulfur bond cleavage in an alkyl naphthyl thioether under single electron-transfer is temperature switchable. Chemical Communications, 2006, , 3402-3404.	4.1	15
147	Electrocatalytic reduction of alkyl iodides in tetrahydrofuran at silver electrodes. Journal of Physical Organic Chemistry, 2007, 20, 115-121.	1.9	15
148	Intramolecular Hydride Addition to Pyridinium Salts: New Routes to Enantiopure Dihydropyridones. Organic Letters, 2011, 13, 2074-2077.	4.6	15
149	Vinyl Weinreb amides: a versatile alternative to vinyl ketone substrates for the Heck arylation. Tetrahedron, 2013, 69, 3690-3697.	1.9	15
150	New methods for the synthesis of naphthyl amines; application to the synthesis of dihydrosanguinarine, sanguinarine, oxysanguinarine and (Â±)-maclekarpines B and C. Chemical Communications, 2014, 50, 11314-11316.	4.1	15
151	Osmiumâ€Mediated Oxidative Cyclizations: A Study into the Range of Initiators That Facilitate Cyclization. Chemistry - an Asian Journal, 2009, 4, 1237-1247.	3.3	14
152	A Vinyl Cyclopropane Ring Expansion and Iridiumâ€Catalyzed Hydrogen Borrowing Cascade. Angewandte Chemie - International Edition, 2020, 59, 11339-11344.	13.8	14
153	Olefin cross-metathesisâ€“based approaches to furans: procedures for the preparation of di- and trisubstituted variants. Nature Protocols, 2010, 5, 2005-2010.	12.0	13
154	Exerting control over the acyloin reaction. Chemical Communications, 2011, 47, 5849.	4.1	13
155	Tethered Aminohydroxylation: Synthesis of the Î²-Amino Acid of Microsclerodermins A and B. Organic Letters, 2013, 15, 5492-5495.	4.6	13
156	Cryo-electrochemistry in tetrahydrofuran: The regioselective electrochemical reduction of a phenyl sulfone: Fast-scan cyclic voltammetry investigations. Journal of Electroanalytical Chemistry, 2006, 593, 131-141.	3.8	12
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