

# Timothy F Jamison

## 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.

185  
papers

13,936  
citations

67  
h-index

113  
g-index

188  
ext. papers

15,724  
ext. citations

10.3  
avg, IF

7.19  
L-index

#	Paper	IF	Citations
185	Synthesis of (R)-Emtricitabine and (R)-Lamivudine by Chlorotrimethylsilane-Sodium Iodide-Promoted Vorbrüggen Glycosylation.. <i>Journal of Organic Chemistry</i> , <b>2022</b> ,	4.2	1
184	Progress Toward a Large-Scale Synthesis of Molnupiravir (MK-4482, EIDD-2801) from Cytidine. <i>ACS Omega</i> , <b>2021</b> , 6, 10396-10402	3.9	21
183	Ready, Set, Flow! Automated Continuous Synthesis and Optimization. <i>Trends in Chemistry</i> , <b>2021</b> , 3, 373-386	3.8	15
182	A Concise Route to MK-4482 (EIDD-2801) from Cytidine: Part 2. <i>Synlett</i> , <b>2021</b> , 32, 326-328	2.2	11
181	Di-tert-butyl Phosphonate Route to the Antiviral Drug Tenofovir. <i>Organic Process Research and Development</i> , <b>2021</b> , 25, 789-798	3.9	3
180	A Call for Increased Focus on Reproductive Health within Lab Safety Culture. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 12422-12427	16.4	1
179	Continuous dimethyldioxirane generation for polymer epoxidation. <i>Polymer Chemistry</i> , <b>2021</b> , 12, 489-493	3.9	0
178	Continuous flow strategies for using fluorinated greenhouse gases in fluoroalkylations. <i>Chemical Society Reviews</i> , <b>2021</b> , 50, 7378-7394	58.5	5
177	Toward a Practical, Nonenzymatic Process for Investigational COVID-19 Antiviral Molnupiravir from Cytidine: Supply-Centered Synthesis.. <i>Organic Process Research and Development</i> , <b>2021</b> , 25, 2679-2685	3.9	2
176	Total Synthesis of (R)-Sceptrin. <i>Organic Letters</i> , <b>2020</b> , 22, 6698-6702	6.2	5
175	Continuous Production of Five Active Pharmaceutical Ingredients in Flexible Plug-and-Play Modules: A Demonstration Campaign. <i>Organic Process Research and Development</i> , <b>2020</b> , 24, 2183-2196	3.9	19
174	Deuteriodifluoromethylation and gem-Difluoroalkenylation of Aldehydes Using ClCF <sub>2</sub> H in Continuous Flow. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 13885-13890	16.4	14
173	Deuteriodifluoromethylation and gem-Difluoroalkenylation of Aldehydes Using ClCF <sub>2</sub> H in Continuous Flow. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 13989-13994	3.6	1
172	A Scalable Membrane Pervaporation Approach for Continuous Flow Olefin Metathesis. <i>Organic Process Research and Development</i> , <b>2020</b> , 24, 2298-2303	3.9	9
171	Continuous-Flow Synthesis of Tramadol from Cyclohexanone. <i>Synlett</i> , <b>2020</b> , 31, 1888-1893	2.2	2
170	A concise route to MK-4482 (EIDD-2801) from cytidine. <i>Chemical Communications</i> , <b>2020</b> , 56, 13363-13364	4.8	24
169	Monolithic Silica Support for Immobilized Catalysis in Continuous Flow. <i>Advanced Synthesis and Catalysis</i> , <b>2020</b> , 362, 314-319	5.6	8

168	On-Demand Generation and Use in Continuous Synthesis of the Ambiphilic Nitrogen Source Chloramine. <i>Organic Letters</i> , <b>2020</b> , 22, 8392-8395	6.2	3
167	Continuous Flow Synthesis of ACE Inhibitors From N-Substituted L-Alanine Derivatives. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 14527-14531	4.8	5
166	Diazotization of $\alpha$ -Sulfonyl-cysteines. <i>Journal of Organic Chemistry</i> , <b>2019</b> , 84, 15001-15007	4.2	6
165	Synthesis of the Framework of Tamulamides A and B. <i>Organic Letters</i> , <b>2019</b> , 21, 8027-8030	6.2	
164	A graph-convolutional neural network model for the prediction of chemical reactivity. <i>Chemical Science</i> , <b>2019</b> , 10, 370-377	9.4	237
163	Automated On-Demand Titration of Organometallic Reagents in Continuous Flow. <i>Organic Process Research and Development</i> , <b>2019</b> , 23, 278-282	3.9	2
162	Ni-Catalyzed Cross-Electrophile Coupling for the Synthesis of Skipped Polyenes. <i>Organic Letters</i> , <b>2019</b> , 21, 3606-3609	6.2	11
161	Seven-Step Continuous Flow Synthesis of Linezolid Without Intermediate Purification. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 7760-7763	3.6	4
160	Seven-Step Continuous Flow Synthesis of Linezolid Without Intermediate Purification. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 7678-7681	16.4	46
159	A robotic platform for flow synthesis of organic compounds informed by AI planning. <i>Science</i> , <b>2019</b> , 365,	33.3	271
158	Modular Continuous Flow Synthesis of Imatinib and Analogues. <i>Organic Letters</i> , <b>2019</b> , 21, 6112-6116	6.2	17
157	Total Synthesis of the Marine Ladder Polyether Gymnocin B. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 11239-11244	16.4	28
156	Catalytic Generation and Use of Ketyl Radical from Unactivated Aliphatic Carbonyl Compounds. <i>Organic Letters</i> , <b>2019</b> , 21, 10159-10163	6.2	13
155	Using Carbon Dioxide as a Building Block in Continuous Flow Synthesis. <i>Advanced Synthesis and Catalysis</i> , <b>2019</b> , 361, 247-264	5.6	43
154	Studies toward brevisulcenal F via convergent strategies for marine ladder polyether synthesis. <i>Tetrahedron</i> , <b>2018</b> , 74, 1111-1122	2.4	4
153	Advanced Continuous Flow Platform for On-Demand Pharmaceutical Manufacturing. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 2776-2784	4.8	59
152	Ni-Catalyzed Electrochemical Decarboxylative C-C Couplings in Batch and Continuous Flow. <i>Organic Letters</i> , <b>2018</b> , 20, 1338-1341	6.2	87
151	Bench-Stable $\alpha$ -Heterocyclic Carbene Nickel Precatalysts for C-C and C-N Bond-Forming Reactions. <i>ChemCatChem</i> , <b>2018</b> , 10, 2873-2877	5.2	20

150	Synthesis of the ABC framework of tamulamides A and B. <i>Bioorganic and Medicinal Chemistry</i> , <b>2018</b> , 26, 5327-5335	3.4	2
149	7-Step Flow Synthesis of the HIV Integrase Inhibitor Dolutegravir. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 7181-7185	16.4	56
148	Bench-Stable Nickel Precatalysts with Heck-type Activation. <i>Organometallics</i> , <b>2018</b> , 37, 2716-2722	3.8	21
147	Continuous-Flow Chemistry in Undergraduate Education: Sustainable Conversion of Reclaimed Vegetable Oil into Biodiesel. <i>Journal of Chemical Education</i> , <b>2018</b> , 95, 1371-1375	2.4	21
146	Selective N-monomethylation of primary anilines with dimethyl carbonate in continuous flow. <i>Tetrahedron</i> , <b>2018</b> , 74, 3124-3128	2.4	9
145	Reconfigurable system for automated optimization of diverse chemical reactions. <i>Science</i> , <b>2018</b> , 361, 1220-1225	33.3	207
144	7-Step Flow Synthesis of the HIV Integrase Inhibitor Dolutegravir. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 7299-7303	3.03	8
143	Xenoprotein engineering via synthetic libraries. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, E5298-E5306	11.5	28
142	Synthesis of Highly Substituted 2-Arylindoles via Copper-Catalyzed Coupling of Isocyanides and Arylboronic Acids. <i>Organic Letters</i> , <b>2018</b> , 20, 3263-3267	6.2	21
141	Electrochemically Mediated Reduction of Nitrosamines by Hemin-Functionalized Redox Electrodes. <i>Environmental Science and Technology Letters</i> , <b>2017</b> , 4, 161-167	11	31
140	Minimizing E-factor in the continuous-flow synthesis of diazepam and atropine. <i>Bioorganic and Medicinal Chemistry</i> , <b>2017</b> , 25, 6233-6241	3.4	41
139	Towards More Efficient, Greener Syntheses through Flow Chemistry. <i>Chemical Record</i> , <b>2017</b> , 17, 667-680	6.6	53
138	Asymmetric Faradaic systems for selective electrochemical separations. <i>Energy and Environmental Science</i> , <b>2017</b> , 10, 1272-1283	35.4	111
137	Redox Interfaces for Electrochemically Controlled Protein-Surface Interactions: Bioseparations and Heterogeneous Enzyme Catalysis. <i>Chemistry of Materials</i> , <b>2017</b> , 29, 5702-5712	9.6	31
136	A Rapid Total Synthesis of Ciprofloxacin Hydrochloride in Continuous Flow. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 8996-8999	3.6	17
135	A Unified Continuous Flow Assembly-Line Synthesis of Highly Substituted Pyrazoles and Pyrazolines. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 8823-8827	16.4	95
134	A Rapid Total Synthesis of Ciprofloxacin Hydrochloride in Continuous Flow. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 8870-8873	16.4	80
133	Photoredox activation of carbon dioxide for amino acid synthesis in continuous flow. <i>Nature Chemistry</i> , <b>2017</b> , 9, 453-456	17.6	243

132	The assembly and use of continuous flow systems for chemical synthesis. <i>Nature Protocols</i> , <b>2017</b> , 12, 2423-2446	18.8	61
131	Synthesis and Utilization of Nitroalkyne Equivalents in Batch and Continuous Flow. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 14187-14190	3.6	6
130	Direct & Selective Hydrocarboxylation of Styrenes with CO Enabled by Continuous Flow Photoredox Catalysis. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 13969-13972	16.4	132
129	Synthesis of Celecoxib, Mavacoxib, SC-560, Fluxapyroxad, and Bixafen Enabled by Continuous Flow Reaction Modules. <i>European Journal of Organic Chemistry</i> , <b>2017</b> , 2017, 6566-6574	3.2	37
128	Synthesis and Utilization of Nitroalkyne Equivalents in Batch and Continuous Flow. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 13999-14002	16.4	16
127	Flow-IEG enables programmable thermodynamic properties in sequence-defined unimolecular macromolecules. <i>Polymer Chemistry</i> , <b>2017</b> , 8, 5786-5794	4.9	19
126	A Unified Continuous Flow Assembly-Line Synthesis of Highly Substituted Pyrazoles and Pyrazolines. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 8949-8953	3.6	29
125	Enhanced Reaction Efficiency in Continuous Flow. <i>Israel Journal of Chemistry</i> , <b>2017</b> , 57, 218-227	3.4	39
124	Photoredox Activation of SF <sub>6</sub> for Fluorination. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 15296-15299	3.6	27
123	Photoredox Activation of SF for Fluorination. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 15072-15075	4.1	58
122	Stereoselective Formation of Fully Substituted Ketone Enolates. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 5517-20	16.4	20
121	Anion-Selective Redox Electrodes: Electrochemically Mediated Separation with Heterogeneous Organometallic Interfaces. <i>Advanced Functional Materials</i> , <b>2016</b> , 26, 3394-3404	15.6	71
120	Redox Electrodes: Anion-Selective Redox Electrodes: Electrochemically Mediated Separation with Heterogeneous Organometallic Interfaces (Adv. Funct. Mater. 20/2016). <i>Advanced Functional Materials</i> , <b>2016</b> , 26, 3552-3552	15.6	
119	Confining a biocatalyst for highly efficient and selective synthesis of carboxamide derivatives under continuous-flow conditions. <i>Journal of Flow Chemistry</i> , <b>2016</b> , 6, 67-72	3.3	5
118	On-demand continuous-flow production of pharmaceuticals in a compact, reconfigurable system. <i>Science</i> , <b>2016</b> , 352, 61-7	33.3	578
117	Highly Regioselective Indoline Synthesis under Nickel/Photoredox Dual Catalysis. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 9531-4	16.4	140
116	Nickel Catalysis: Synergy between Method Development and Total Synthesis. <i>Accounts of Chemical Research</i> , <b>2015</b> , 48, 1503-14	24.3	131
115	A General Strategy for the Synthesis of Enantiomerically Pure Azetidines and Aziridines through Nickel-Catalyzed Cross-Coupling. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 7379-83	4.8	26

114	Scalable synthesis of sequence-defined, unimolecular macromolecules by Flow-IEG. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 10617-22	11.5	130
113	Iterative exponential growth of stereo- and sequence-controlled polymers. <i>Nature Chemistry</i> , <b>2015</b> , 7, 810-5	17.6	227
112	A Three-Minute Synthesis and Purification of Ibuprofen: Pushing the Limits of Continuous-Flow Processing. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 997-1001	3.6	43
111	A three-minute synthesis and purification of ibuprofen: pushing the limits of continuous-flow processing. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 983-7	16.4	147
110	Continuous-flow synthesis and purification of atropine with sequential in-line separations of structurally similar impurities. <i>Journal of Flow Chemistry</i> , <b>2015</b> , 5, 133-138	3.3	37
109	Rhodium-catalyzed endo-selective epoxide-opening cascades: formal synthesis of (-)-brevisin. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 6941-6	16.4	34
108	Selective Lewis acid catalyzed assembly of phosphonomethyl ethers: three-step synthesis of tenofovir. <i>Organic Letters</i> , <b>2015</b> , 17, 820-3	6.2	4
107	Hydroxyl-substituted ladder polyethers via selective tandem epoxidation/cyclization sequence. <i>Organic Letters</i> , <b>2015</b> , 17, 774-7	6.2	10
106	Electrophilic amination: the case of nitrenoids. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 5278-300	4.8	55
105	Development of a Multi-Step Synthesis and Workup Sequence for an Integrated, Continuous Manufacturing Process of a Pharmaceutical. <i>Organic Process Research and Development</i> , <b>2014</b> , 18, 402-409	3.9	133
104	Continuous-flow synthesis of functionalized phenols by aerobic oxidation of Grignard reagents. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 3353-7	16.4	116
103	Nickel-catalyzed Mizoroki-Heck reaction of aryl sulfonates and chlorides with electronically unbiased terminal olefins: high selectivity for branched products. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 1858-61	16.4	92
102	A Broadly Applicable Strategy for Entry into Homogeneous Nickel(0) Catalysts from Air-Stable Nickel(II) Complexes. <i>Organometallics</i> , <b>2014</b> , 33, 2012-2018	3.8	117
101	Recent advances in homogeneous nickel catalysis. <i>Nature</i> , <b>2014</b> , 509, 299-309	50.4	1369
100	Continuous Flow Total Synthesis of Rufinamide. <i>Organic Process Research and Development</i> , <b>2014</b> , 18, 1567-1570	3.9	102
99	Highly regioselective nickel-catalyzed cross-coupling of N-tosylaziridines and alkylzinc reagents. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 11145-52	16.4	72
98	Mechanism-guided design of flow systems for multicomponent reactions: conversion of CO <sub>2</sub> and olefins to cyclic carbonates. <i>Chemical Science</i> , <b>2014</b> , 5, 1227	9.4	47
97	Nickel-Catalyzed Mizoroki-Heck Reaction of Aryl Sulfonates and Chlorides with Electronically Unbiased Terminal Olefins: High Selectivity for Branched Products. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 1889-1892	3.6	26

96	Continuous flow synthesis of chiral amines in organic solvents: immobilization of E. coli cells containing both $\beta$ -transaminase and PLP. <i>Organic Letters</i> , <b>2014</b> , 16, 6092-5	6.2	92
95	End-to-end continuous manufacturing of pharmaceuticals: integrated synthesis, purification, and final dosage formation. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 12359-63	16.4	426
94	Bromine-catalyzed conversion of CO <sub>2</sub> and epoxides to cyclic carbonates under continuous flow conditions. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 18497-501	16.4	111
93	A dioxane template for highly selective epoxy alcohol cyclizations. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 10004-16	4.8	18
92	Simplifying nickel(0) catalysis: an air-stable nickel precatalyst for the internally selective benzylation of terminal alkenes. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 1585-92	16.4	130
91	Peptide fragment coupling using a continuous-flow photochemical rearrangement of nitrones. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 4251-5	16.4	45
90	End-to-end continuous flow synthesis and purification of diphenhydramine hydrochloride featuring atom economy, in-line separation, and flow of molten ammonium salts. <i>Chemical Science</i> , <b>2013</b> , 4, 2822	9.4	81
89	Total syntheses of the squalene-derived halogenated polyethers -dioxepandehydrothysiferol and armatol A via bromonium- and Lewis acid-initiated epoxide-opening cascades. <i>Tetrahedron</i> , <b>2013</b> , 69, 5205-5220	2.4	19
88	Hydrogen-free alkene reduction in continuous flow. <i>Organic Letters</i> , <b>2013</b> , 15, 710-3	6.2	53
87	Entropic factors provide unusual reactivity and selectivity in epoxide-opening reactions promoted by water. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 16724-9	11.5	25
86	End-to-End Continuous Manufacturing of Pharmaceuticals: Integrated Synthesis, Purification, and Final Dosage Formation. <i>Angewandte Chemie</i> , <b>2013</b> , 125, 12585-12589	3.6	56
85	A reductive coupling strategy towards ripostatin A. <i>Beilstein Journal of Organic Chemistry</i> , <b>2013</b> , 9, 1533-50	5.0	7
84	Rapid continuous synthesis of 5Pdeoxyribonucleosides in flow via Brønsted acid catalyzed glycosylation. <i>Organic Letters</i> , <b>2012</b> , 14, 3348-51	6.2	35
83	Continuous flow photocatalysis enhanced using an aluminum mirror: rapid and selective synthesis of 2Pdeoxy and 2P3Pdideoxynucleosides. <i>Chemical Communications</i> , <b>2012</b> , 48, 7444-6	5.8	34
82	Recent progress in the synthesis of oxepanes and medium ring ethers. <i>Tetrahedron</i> , <b>2012</b> , 68, 6999-7018	2.4	58
81	Mixing and Dispersion in Small-Scale Flow Systems. <i>Organic Process Research and Development</i> , <b>2012</b> , 16, 976-981	3.9	124
80	Continuous Flow Oxidation of Alcohols and Aldehydes Utilizing Bleach and Catalytic Tetrabutylammonium Bromide. <i>Organic Process Research and Development</i> , <b>2012</b> , 16, 1082-1089	3.9	54
79	Diisobutylaluminum hydride reductions revitalized: a fast, robust, and selective continuous flow system for aldehyde synthesis. <i>Organic Letters</i> , <b>2012</b> , 14, 568-71	6.2	70



78	A continuous homologation of esters: an efficient telescoped reduction-olefination sequence. <i>Organic Letters</i> , <b>2012</b> , 14, 2465-7	6.2	26
77	Scalable and Robust Synthesis of CpRu(MeCN)3PF6 via Continuous Flow Photochemistry. <i>Journal of Flow Chemistry</i> , <b>2012</b> , 1, 24-27	3.3	32
76	Continuous flow coupling and decarboxylation reactions promoted by copper tubing. <i>Organic Letters</i> , <b>2011</b> , 13, 280-3	6.2	69
75	Kinetic and Scale-Up Investigations of Epoxide Aminolysis in Microreactors at High Temperatures and Pressures. <i>Organic Process Research and Development</i> , <b>2011</b> , 15, 131-139	3.9	73
74	Nickel-catalyzed Heck-type reactions of benzyl chlorides and simple olefins. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 19020-3	16.4	136
73	Continuous photochemical generation of catalytically active [CpRu] <sup>+</sup> complexes from CpRu( $\beta$ -C6H6)PF6. <i>Organic Letters</i> , <b>2011</b> , 13, 6414-7	6.2	58
72	Safe and Efficient Tetrazole Synthesis in a Continuous-Flow Microreactor. <i>Angewandte Chemie</i> , <b>2011</b> , 123, 3587-3590	3.6	35
71	Safe and efficient tetrazole synthesis in a continuous-flow microreactor. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 3525-8	16.4	106
70	Ni(II) salts and 2-propanol effect catalytic reductive coupling of epoxides and alkynes. <i>Organic Letters</i> , <b>2011</b> , 13, 4140-3	6.2	48
69	Evidence that epoxide-opening cascades promoted by water are stepwise and become faster and more selective after the first cyclization. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 1902-8	16.4	36
68	Origins of regioselectivity and alkene-directing effects in nickel-catalyzed reductive couplings of alkynes and aldehydes. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 2050-7	16.4	101
67	Continuous flow multi-step organic synthesis. <i>Chemical Science</i> , <b>2010</b> , 1, 675	9.4	557
66	Amide Bond Formation via Reversible, Carboxylic Acid-Promoted Lactone Aminolysis. <i>Organic Process Research and Development</i> , <b>2010</b> , 14, 1177-1181	3.9	24
65	Ladder polyether synthesis via epoxide-opening cascades directed by a disappearing trimethylsilyl group. <i>Journal of Organic Chemistry</i> , <b>2010</b> , 75, 2681-701	4.2	21
64	Aminolysis of Epoxides in a Microreactor System: A Continuous Flow Approach to $\beta$ -Amino Alcohols. <i>Organic Process Research and Development</i> , <b>2010</b> , 14, 432-440	3.9	117
63	Nickel-catalyzed allylic substitution of simple alkenes. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 6880-1	16.4	115
62	Synthesis of marine polycyclic polyethers via endo-selective epoxide-opening cascades. <i>Marine Drugs</i> , <b>2010</b> , 8, 763-809	6	64
61	Monodentate Chiral Ferrocenyl Ligands <b>2010</b> , 55-71		1



60	Catalytic Addition of Simple Alkenes to Carbonyl Compounds Using Group 10 Metals. <i>Synlett</i> , <b>2009</b> , 2009, 2565-2582	2.2	37
59	Epoxide-opening cascades in the synthesis of polycyclic polyether natural products. <i>Angewandte Chemie - International Edition</i> , <b>2009</b> , 48, 5250-81	16.4	174
58	Functionalized templates for the convergent assembly of polyethers: synthesis of the HIJK rings of gymnocin A. <i>Angewandte Chemie - International Edition</i> , <b>2009</b> , 48, 4430-2	16.4	43
57	Macrocyclization by nickel-catalyzed, ester-promoted, epoxide-alkyne reductive coupling: total synthesis of (-)-gloeosporone. <i>Angewandte Chemie - International Edition</i> , <b>2009</b> , 48, 5366-8	16.4	30
56	Strategic use of nickel(0)-catalyzed enyne-epoxide reductive coupling towards the synthesis of (-)-cyatha-3,12-diene. <i>Tetrahedron</i> , <b>2009</b> , 65, 3270-3280	2.4	14
55	New synthetic strategies for the stereocontrolled synthesis of substituted "skipped" diepoxides. <i>Tetrahedron</i> , <b>2009</b> , 65, 6648-6655	2.4	9
54	The development of endo-selective epoxide-opening cascades in water. <i>Chemical Society Reviews</i> , <b>2009</b> , 38, 3175-92	58.5	87
53	On the synergism between H <sub>2</sub> O and a tetrahydropyran template in the regioselective cyclization of an epoxy alcohol. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 6383-5	16.4	43
52	Total synthesis of ent-dioxepandehydrothysiferol via a bromonium-initiated epoxide-opening cascade. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 12084-5	16.4	75
51	Water overcomes methyl group directing effects in epoxide-opening cascades. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 6678-9	16.4	51
50	Mechanism and transition-state structures for nickel-catalyzed reductive alkyne-aldehyde coupling reactions. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 6654-5	16.4	86
49	Sml <sub>2</sub> -promoted Reformatsky-type coupling reactions in exceptionally hindered contexts. <i>Organic Letters</i> , <b>2008</b> , 10, 1291-4	6.2	27
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