

Steven V Ley

List of Publications by Year in descending order

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836
papers

47,762
citations

2215

99
h-index

4645

170
g-index

1257
all docs

1257
docs citations

1257
times ranked

21957
citing authors

#	ARTICLE	IF	CITATIONS
1	Modern Synthetic Methods for Copper-Mediated C(aryl)–O, C(aryl)–N, and C(aryl)–S Bond Formation. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 5400-5449.	13.8	2,412
2	Modern Synthetic Methods for Copper-Mediated C(aryl)–O, C(aryl)–N, and C(aryl)–S Bond Formation. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 1043-1043.	13.8	1,653
3	Tetrapropylammonium Perruthenate, Pr ₄ N ⁺ RuO ₄ ⁻ , TPAP: A Catalytic Oxidant for Organic Synthesis. <i>Synthesis</i> , 1994, 1994, 639-666.	2.3	1,175
4	Multi-step organic synthesis using solid-supported reagents and scavengers: a new paradigm in chemical library generation. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2000, , 3815-4195.	1.3	665
5	Preparation and use of tetra-n-butylammonium per-ruthenate (TBAP reagent) and tetra-n-propylammonium per-ruthenate (TPAP reagent) as new catalytic oxidants for alcohols. <i>Journal of the Chemical Society Chemical Communications</i> , 1987, , 1625.	2.0	629
6	Targeting C-reactive protein for the treatment of cardiovascular disease. <i>Nature</i> , 2006, 440, 1217-1221.	27.8	621
7	Flow chemistry syntheses of natural products. <i>Chemical Society Reviews</i> , 2013, 42, 8849.	38.1	602
8	Taming hazardous chemistry by continuous flow technology. <i>Chemical Society Reviews</i> , 2016, 45, 4892-4928.	38.1	553
9	Organocatalysis with proline derivatives: improved catalysts for the asymmetric Mannich, nitro-Michael and aldol reactions. <i>Organic and Biomolecular Chemistry</i> , 2005, 3, 84.	2.8	480
10	An overview of the key routes to the best selling 5-membered ring heterocyclic pharmaceuticals. <i>Beilstein Journal of Organic Chemistry</i> , 2011, 7, 442-495.	2.2	451
11	Organic Synthesis: March of the Machines. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 3449-3464.	13.8	385
12	Clerodane diterpenoids. <i>Natural Product Reports</i> , 1992, 9, 243.	10.3	366
13	Organocatalysis with Proline Derivatives. Improved Catalysts for the Asymmetric Mannich, Nitro-Michael and Aldol Reactions.. <i>ChemInform</i> , 2005, 36, no.	0.0	319
14	A flow process for the multi-step synthesis of the alkaloid natural product oxomaritidine: a new paradigm for molecular assembly. <i>Chemical Communications</i> , 2006, , 2566.	4.1	310
15	Flow Ozonolysis Using a Semipermeable Teflon AF-2400 Membrane To Effect Gas–Liquid Contact. <i>Organic Letters</i> , 2010, 12, 1596-1598.	4.6	284
16	Enantioselective Organocatalytic Cyclopropanation via Ammonium Ylides. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 4641-4644.	13.8	259
17	Tuning glycoside reactivity: New tool for efficient oligosaccharide synthesis. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1998, , 51-66.	0.9	257
18	Flow Chemistry: Intelligent Processing of Gas–Liquid Transformations Using a Tube-in-Tube Reactor. <i>Accounts of Chemical Research</i> , 2015, 48, 349-362.	15.6	250

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19	ReactIR Flow Cell: A New Analytical Tool for Continuous Flow Chemical Processing. <i>Organic Process Research and Development</i> , 2010, 14, 393-404.	2.7	233
20	Microwave-Assisted Suzuki Coupling Reactions with an Encapsulated Palladium Catalyst for Batch and Continuous-Flow Transformations. <i>Chemistry - A European Journal</i> , 2006, 12, 4407-4416.	3.3	229
21	New tools and concepts for modern organic synthesis. <i>Nature Reviews Drug Discovery</i> , 2002, 1, 573-586.	46.4	226
22	Multistep Synthesis Using Modular Flow Reactors: Bestmann's Ohira Reagent for the Formation of Alkynes and Triazoles. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 4017-4021.	13.8	222
23	The Continuous-Flow Synthesis of Carboxylic Acids using CO ₂ in a Tube-in-Tube Gas Permeable Membrane Reactor. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 1190-1193.	13.8	211
24	5-Pyrrolidin-2-yltetrazole as an asymmetric organocatalyst for the addition of ketones to nitro-olefins. <i>Chemical Communications</i> , 2004, , 1808.	4.1	205
25	KMnO ₄ -Mediated Oxidation as a Continuous Flow Process. <i>Organic Letters</i> , 2010, 12, 3618-3621.	4.6	196
26	Enantioselective Catalytic Intramolecular Cyclopropanation using Modified Cinchona Alkaloid Organocatalysts. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 6024-6028.	13.8	195
27	Hydrogenation in flow: Homogeneous and heterogeneous catalysis using Teflon AF-2400 to effect gas-liquid contact at elevated pressure. <i>Chemical Science</i> , 2011, 2, 1250.	7.4	191
28	The chemistry of azadirachtin. <i>Natural Product Reports</i> , 1993, 10, 109.	10.3	189
29	On Being Green: Can Flow Chemistry Help?. <i>Chemical Record</i> , 2012, 12, 378-390.	5.8	188
30	Machine-Assisted Organic Synthesis. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 10122-10136.	13.8	185
31	Encapsulation of palladium in polyurea microcapsules. <i>Chemical Communications</i> , 2002, , 1132-1133.	4.1	175
32	A flow-based synthesis of Imatinib: the API of Gleevec. <i>Chemical Communications</i> , 2010, 46, 2450.	4.1	175
33	Organic-Catalyst-Mediated Cyclopropanation Reaction. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 828-831.	13.8	173
34	An Intramolecular Organocatalytic Cyclopropanation Reaction. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 2681-2684.	13.8	165
35	Asymmetric organocatalytic conjugate addition of malonates to enones using a proline tetrazole catalyst. <i>Chemical Communications</i> , 2006, , 66-68.	4.1	164
36	1,2-Diacetals: A New Opportunity for Organic Synthesis. <i>Chemical Reviews</i> , 2001, 101, 53-80.	47.7	162

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37	Synthesis of Azadirachtin: A Long but Successful Journey. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 7629-7632.	13.8	160
38	A Novel Internet-Based Reaction Monitoring, Control and Autonomous Self-Optimization Platform for Chemical Synthesis. <i>Organic Process Research and Development</i> , 2016, 20, 386-394.	2.7	160
39	Visible Light Activation of Boronic Esters Enables Efficient Photoredox C(sp ²)â€C(sp ³) Crossâ€Couplings in Flow. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 14085-14089.	13.8	150
40	The flow synthesis of heterocycles for natural product and medicinal chemistry applications. <i>Molecular Diversity</i> , 2011, 15, 613-630.	3.9	147
41	5-Pyrrolidin-2-yltetrazole as an Asymmetric Organocatalyst for the Addition of Ketones to Nitro-Olefins.. <i>ChemInform</i> , 2005, 36, no.	0.0	145
42	A Facile One-Pot Synthesis of a Trisaccharide Unit from the Common Polysaccharide Antigen of Group BStreptococci Using Cyclohexane-1, 2-diacetal(CDA) Protected Rhamnosides. <i>Angewandte Chemie International Edition in English</i> , 1994, 33, 2292-2294.	4.4	140
43	Development of fluorination methods using continuous-flow microreactors. <i>Tetrahedron</i> , 2009, 65, 6611-6625.	1.9	140
44	Microbial oxidation in synthesis: A six step preparation of (+)-pinitol from benzene. <i>Tetrahedron Letters</i> , 1987, 28, 225-226.	1.4	136
45	Enabling Technologies for the Future of Chemical Synthesis. <i>ACS Central Science</i> , 2016, 2, 131-138.	11.3	136
46	N-alkylation of indole and pyrroles in dimethyl sulphoxide. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1973, , 499.	0.9	135
47	Continuous Flow Processing of Slurries: Evaluation of an Agitated Cell Reactor. <i>Organic Process Research and Development</i> , 2011, 15, 693-697.	2.7	135
48	Continuous Flow Ligand-Free Heck Reactions Using Monolithic Pd [0] Nanoparticles. <i>Organic Process Research and Development</i> , 2007, 11, 458-462.	2.7	133
49	Safe and Reliable Synthesis of Diazoketones and Quinoxalines in a Continuous Flow Reactor. <i>Organic Letters</i> , 2011, 13, 320-323.	4.6	133
50	Continuous Flow-Processing of Organometallic Reagents Using an Advanced Peristaltic Pumping System and the Telescoped Flow Synthesis of (<i>E/Z</i>)-Tamoxifen. <i>Organic Process Research and Development</i> , 2013, 17, 1192-1208.	2.7	133
51	Total Synthesis of the Amaryllidaceae Alkaloid (+)-Plicamine and Its Unnatural Enantiomer by Using Solid-Supported Reagents and Scavengers in a Multistep Sequence of Reactions We gratefully acknowledge financial support from Pfizer Central Research for a Postdoctoral Fellowship (to I.R.B.), the BP endowment and the Novartis Research Fellowship (to S.V.L.), and Pharmacia & Upjohn (to Tj ETQq1 1 0.784314 rgBT /Over	13.8	132
52	Recyclable Polyurea-Microencapsulated Pd(0) Nanoparticles:â€‰ An Efficient Catalyst for Hydrogenolysis of Epoxides. <i>Organic Letters</i> , 2003, 5, 4665-4668.	4.6	132
53	A Microcapillary Flow Disc Reactor for Organic Synthesis. <i>Organic Process Research and Development</i> , 2007, 11, 399-405.	2.7	132
54	Fragment-based hit identification: thinking in 3D. <i>Drug Discovery Today</i> , 2013, 18, 1221-1227.	6.4	132

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55	A Systems Approach towards an Intelligent and Self-Controlling Platform for Integrated Continuous Reaction Sequences. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 144-148.	13.8	132
56	Tetra-n-propylammonium perruthenate (TPAP)-catalysed oxidations of alcohols using molecular oxygen as a co-oxidant. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1997, , 3291-3292.	0.9	131
57	Microwave Reactions Under Continuous Flow Conditions. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2007, 10, 802-836.	1.1	130
58	Polyurea-encapsulated palladium(ii) acetate: a robust and recyclable catalyst for use in conventional and supercritical media. Electronic supplementary information (ESI) available: representative experimental procedures. See http://www.rsc.org/suppdata/cc/b2/b200677b/ . <i>Chemical Communications</i> , 2002, , 1134-1135.	4.1	129
59	Heterogeneous or Homogeneous? A Case Study Involving Palladium-Containing Perovskites in the Suzuki Reaction. <i>Advanced Synthesis and Catalysis</i> , 2005, 347, 647-654.	4.3	129
60	Antifeedant effects of azadirachtin and structurally related compounds on lepidopterous larvae. <i>Entomologia Experimentalis Et Applicata</i> , 1990, 55, 149-160.	1.4	126
61	Further reactions of t-butyl 3-oxobutanthioate and t-butyl 4-diethyl-phosphono-3-oxobutanthioate : Carbonyl coupling reactions, amination, use in the preparation of 3-acyltetramic acids and application to the total synthesis of fuligorubin A.. <i>Tetrahedron</i> , 1992, 48, 1145-1174.	1.9	126
62	A Lewis Base Catalysis Approach for the Photoredox Activation of Boronic Acids and Esters. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 15136-15140.	13.8	126
63	[3 + 2] Cycloaddition of acetylenes with azides to give 1,4-disubstituted 1,2,3-triazoles in a modular flow reactor. <i>Organic and Biomolecular Chemistry</i> , 2007, 5, 1559.	2.8	124
64	Actions of azadirachtin, a plant allelochemical, against insects. <i>Pest Management Science</i> , 1998, 54, 277-284.	0.4	120
65	Chemo-enzymatic synthesis of fluorinated sugar nucleotide: useful mechanistic Probes for glycosyltransferases. <i>Bioorganic and Medicinal Chemistry</i> , 2000, 8, 1937-1946.	3.0	120
66	Fully Automated Continuous Flow Synthesis of 4,5-Disubstituted Oxazoles. <i>Organic Letters</i> , 2006, 8, 5231-5234.	4.6	120
67	A modular flow reactor for performing Curtius rearrangements as a continuous flow process. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 1577.	2.8	120
68	Accelerating Spirocyclic Polyketide Synthesis using Flow Chemistry. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 4915-4920.	13.8	120
69	Continuous Preparation of Arylmagnesium Reagents in Flow with Inline IR Monitoring. <i>Organic Process Research and Development</i> , 2012, 16, 1102-1113.	2.7	119
70	A versatile organocatalyst for the asymmetric conjugate addition of nitroalkanes to enones. <i>Chemical Communications</i> , 2005, , 5346.	4.1	118
71	Continuous flow reaction monitoring using an online miniature mass spectrometer. <i>Rapid Communications in Mass Spectrometry</i> , 2012, 26, 1999-2010.	1.5	118
72	The crystal structure of 3-epicaryoptin and the reversal of the currently accepted absolute configuration of clerodin. <i>Journal of the Chemical Society Chemical Communications</i> , 1979, , 97-99.	2.0	117

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73	Preparation of arylsulfonyl chlorides by chlorosulfonylation of in situ generated diazonium salts using a continuous flow reactor. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 5324.	2.8	117
74	The use of a continuous flow-reactor employing a mixed hydrogenâ€“liquid flow stream for the efficient reduction of imines to amines. <i>Chemical Communications</i> , 2005, , 2909.	4.1	116
75	Teflon AF-2400 mediated gasâ€“liquid contact in continuous flow methoxycarbonylations and in-line FTIR measurement of CO concentration. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 6903.	2.8	116
76	Iterative reactions of transient boronic acids enable sequential Câ€“C bond formation. <i>Nature Chemistry</i> , 2016, 8, 360-367.	13.6	116
77	Total synthesis of the amaryllidaceae alkaloid (+)-plicamine using solid-supported reagents. <i>Tetrahedron</i> , 2002, 58, 6285-6304.	1.9	115
78	Azide monoliths as convenient flow reactors for efficient Curtius rearrangement reactions. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 1587.	2.8	115
79	A Mild and Efficient Flow Procedure for the Transfer Hydrogenation of Ketones and Aldehydes using Hydrous Zirconia. <i>Organic Letters</i> , 2013, 15, 2278-2281.	4.6	115
80	Mild and Selective Heterogeneous Catalytic Hydration of Nitriles to Amides by Flowing through Manganese Dioxide. <i>Organic Letters</i> , 2014, 16, 1060-1063.	4.6	114
81	Flow Chemistry Meets Advanced Functional Materials. <i>Chemistry - A European Journal</i> , 2014, 20, 12348-12366.	3.3	114
82	Title is missing!. <i>Tetrahedron</i> , 1987, 43, 2805-2815.	1.9	113
83	Dispiroketal in synthesis (Part 5): A new opportunity for oligosaccharide synthesis using differentially activated glycosyl donors and acceptors. <i>Tetrahedron Letters</i> , 1993, 34, 8523-8526.	1.4	113
84	Substitution reactions of 2-benzenesulphonyl cyclic ethers with carbon nucleophiles. <i>Tetrahedron</i> , 1989, 45, 4293-4308.	1.9	112
85	Flow chemistry synthesis of zolpidem, alpidem and other GABA_A agonists and their biological evaluation through the use of in-line frontal affinity chromatography. <i>Chemical Science</i> , 2013, 4, 764-769.	7.4	112
86	(η -Allyl)tricarbonyliron Lactone Complexes in Organic Synthesis: A Useful and Conceptually Unusual Route to Lactones and Lactams. <i>Chemical Reviews</i> , 1996, 96, 423-442.	47.7	109
87	A New Enabling Technology for Convenient Laboratory Scale Continuous Flow Processing at Low Temperatures. <i>Organic Letters</i> , 2011, 13, 3312-3315.	4.6	109
88	The rapid preparation of 2-aminosulfonamide-1,3,4-oxadiazoles using polymer-supported reagents and microwave heating. <i>Tetrahedron</i> , 2005, 61, 5323-5349.	1.9	108
89	Efficient batch and continuous flow Suzuki cross-coupling reactions under mild conditions, catalysed by polyurea-encapsulated palladium (ii) acetate and tetra-n-butylammonium salts. <i>Chemical Communications</i> , 2005, , 2175.	4.1	108
90	A breakthrough method for the accurate addition of reagents in multi-step segmented flow processing. <i>Chemical Science</i> , 2011, 2, 765.	7.4	107

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91	The Diels-Alder route to drimane related sesquiterpenes; synthesis of cinnamolide, polygodial, isodrimeninol, drimenin and warburganal. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1983, , 1579-1589.	0.9	106
92	Total synthesis of the anthelmintic macrolide avermectin B1a. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1991, , 667-692.	0.9	106
93	Flow chemistry as a discovery tool to access sp ² -sp ³ cross-coupling reactions via diazo compounds. <i>Chemical Science</i> , 2015, 6, 1120-1125.	7.4	106
94	Polymer supported perruthenate (PSP): a new oxidant for clean organic synthesis. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1997, , 1907-1908.	0.9	105
95	Diaryl telluroxides as new mild oxidising reagents. <i>Tetrahedron</i> , 1981, 37, 213-223.	1.9	103
96	A Route to the Thapsigargin from (S)-Carvone Providing a Substrate-Controlled Total Synthesis of Trilobolide, Nortrilobolide, and Thapsivillosin F. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 5996-6000.	13.8	103
97	Microencapsulation of Osmium Tetroxide in Polyurea. <i>Organic Letters</i> , 2003, 5, 185-187.	4.6	103
98	A Highly Selective, Organocatalytic Route to Chiral Dihydro-1,2-oxazines. <i>Organic Letters</i> , 2005, 7, 4189-4191.	4.6	103
99	The Oxygen-Mediated Synthesis of 1,3-Butadiynes in Continuous Flow: Using Teflon AF-2400 to Effect Gas/Liquid Contact. <i>ChemSusChem</i> , 2012, 5, 274-277.	6.8	102
100	Polymer-supported reagents for multi-step organic synthesis: application to the synthesis of sildenafil. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2000, 10, 1983-1986.	2.2	101
101	Total synthesis of the ionophore antibiotic CP-61,405 (routiennocin). <i>Tetrahedron</i> , 1992, 48, 7899-7938.	1.9	100
102	Polymer-supported hypervalent iodine reagents in "clean" organic synthesis with potential application in combinatorial chemistry. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1999, , 669-672.	0.9	100
103	Flow synthesis using gaseous ammonia in a Teflon AF-2400 tube-in-tube reactor: Paal-Knorr pyrrole formation and gas concentration measurement by inline flow titration. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 5774.	2.8	100
104	Activity of drimane antifeedants and related compounds against aphids, and comparative biological effects and chemical reactivity of (?) - and (+) - polygodial. <i>Journal of Chemical Ecology</i> , 1988, 14, 1845-1855.	1.8	99
105	Retinoic acid receptor signaling regulates choroid fissure closure through independent mechanisms in the ventral optic cup and periocular mesenchyme. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 8698-8703.	7.1	99
106	Oxo complexes of ruthenium(VI) and (VII) as organic oxidants. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1984, , 681-686.	0.9	98
107	The antifeedant activity of clerodane diterpenoids from <i>Teucrium</i> . <i>Phytochemistry</i> , 1989, 28, 1069-1071.	2.9	98
108	Modified mesoporous silicate MCM-41 materials: immobilised perruthenate—a new highly active heterogeneous oxidation catalyst for clean organic synthesis using molecular oxygen. <i>Chemical Communications</i> , 1999, , 1907-1908.	4.1	98

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109	Multi-Step Synthesis by Using Modular Flow Reactors: The Preparation of Yneones and Their Use in Heterocycle Synthesis. <i>Chemistry - A European Journal</i> , 2010, 16, 89-94.	3.3	98
110	A prototype continuous-flow liquid-liquid extraction system using open-source technology. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 7031.	2.8	98
111	Rapid Assembly of Oligosaccharides: Total Synthesis of a Glycosylphosphatidylinositol Anchor of <i>Trypanosoma brucei</i> . <i>Angewandte Chemie - International Edition</i> , 1998, 37, 3423-3428.	13.8	97
112	1,2-Diacetals in Synthesis: Total Synthesis of a Glycosylphosphatidylinositol Anchor of <i>Trypanosoma brucei</i> . <i>Chemistry - A European Journal</i> , 2000, 6, 172-186.	3.3	97
113	Transfer hydrogenation using recyclable polyurea-encapsulated palladium: efficient and chemoselective reduction of aryl ketones. <i>Chemical Communications</i> , 2003, , 678-679.	4.1	97
114	Highly Selective Entry to the Azadirachtin Skeleton via a Claisen Rearrangement/Radical Cyclization Sequence. <i>Organic Letters</i> , 2002, 4, 3847-3850.	4.6	96
115	An efficient, asymmetric organocatalyst-mediated conjugate addition of nitroalkanes to unsaturated cyclic and acyclic ketones. <i>Organic and Biomolecular Chemistry</i> , 2006, 4, 2039-2049.	2.8	96
116	Synthesis of the alkaloids (±)-oxomaritidine and (±)-epimaritidine using an orchestrated multi-step sequence of polymer supported reagents. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1999, , 1251-1252.	0.9	95
117	Microwave assisted Leimgruber-Batcho reaction for the preparation of indoles, azaindoles and pyrrolylquinolines. <i>Organic and Biomolecular Chemistry</i> , 2004, 2, 160-167.	2.8	95
118	A highly convergent total synthesis of the spiroacetal macrolide (+)-milbemycin ²¹ . <i>Tetrahedron</i> , 1989, 45, 7161-7194.	1.9	94
119	A Continuous Flow Process Using a Sequence of Microreactors with In-line IR Analysis for the Preparation of <i>N,N</i> -Diethyl- <i>N</i> -(3-fluorophenylpiperidin-4-ylidene)methyl)benzamide as a Potent and Highly Selective μ -Opioid Receptor Agonist. <i>Chemistry - A European Journal</i> , 2010, 16, 12342-12348.	2.8	94
120	Design, Synthesis, and Biological Evaluation of an Allosteric Inhibitor of HSET that Targets Cancer Cells with Supernumerary Centrosomes. <i>Chemistry and Biology</i> , 2013, 20, 1399-1410.	6.0	94
121	A flow reactor process for the synthesis of peptides utilizing immobilized reagents, scavengers and catch and release protocols. <i>Chemical Communications</i> , 2006, , 4835.	4.1	93
122	A General Organocatalytic Enantioselective Malonate Addition to α,β -Unsaturated Enones. <i>Chemistry - A European Journal</i> , 2008, 14, 6155-6165.	3.3	93
123	$PtCl_4$ -Catalyzed Domino Synthesis of Fused Bicyclic Acetals. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 209-212.	13.8	93
124	A fully automated, multistep flow synthesis of 5-amino-4-cyano-1,2,3-triazoles. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 1938.	2.8	93
125	A Versatile Room-Temperature Route to Di- and Trisubstituted Allenes Using Flow-Generated Diazo Compounds. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 7920-7923.	13.8	93
126	Synthesis of the C-1'-C-28 ABCD Unit of Spongistatin 1. <i>Organic Letters</i> , 2003, 5, 4819-4822.	4.6	91

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127	Flow synthesis of organic azides and the multistep synthesis of imines and amines using a new monolithic triphenylphosphine reagent. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 1927.	2.8	91
128	An expeditious synthesis of imatinib and analogues utilising flow chemistry methods. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 1822-1839.	2.8	91
129	Synthesis of a hydroxy dihydrofuran acetal related to azadirachtin: A potent insect antifeedant. <i>Tetrahedron Letters</i> , 1987, 28, 221-224.	1.4	90
130	Microbial oxidation in synthesis: preparation of myo-inositol phosphates and related cyclitol derivatives from benzene. <i>Tetrahedron</i> , 1990, 46, 4995-5026.	1.9	90
131	Three-step synthesis of an array of substituted benzofurans using polymer-supported reagents. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1999, , 2421-2423.	0.9	90
132	The Azadirachtin Story. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 9402-9429.	13.8	90
133	Total Synthesis of the Anti-Apoptotic Agents Iso- and Bongkreic Acids. <i>Organic Letters</i> , 2010, 12, 340-343.	4.6	90
134	Continuous Multiple Liquid-Liquid Separation: Diazotization of Amino Acids in Flow. <i>Organic Letters</i> , 2012, 14, 4246-4249.	4.6	90
135	Promiscuous targeting of bromodomains by bromosporine identifies BET proteins as master regulators of primary transcription response in leukemia. <i>Science Advances</i> , 2016, 2, e1600760.	10.3	90
136	Synthesis of the potent analgesic compound (Δ^{\pm})-epibatidine using an orchestrated multi-step sequence of polymer supported reagents. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1999, , 1253-1256.	0.9	89
137	A concise synthesis of carpanone using solid-supported reagents and scavengers. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2002, , 1850-1857.	1.3	89
138	Alkylation reactions of anions derived from 2-benzenesulphonyl tetrahydropyran and their application to spiroketal syntesis. <i>Tetrahedron</i> , 1986, 42, 4333-4342.	1.9	88
139	Microbial Oxidation in Synthesis: Preparation of (+)- and ($\hat{\sim}$)-Pinitol from Benzene. <i>Tetrahedron</i> , 1989, 45, 3463-3476.	1.9	87
140	Multi-Step Application of Immobilized Reagents and Scavengers: A Total Synthesis of Epothilone C. <i>Chemistry - A European Journal</i> , 2004, 10, 2529-2547.	3.3	87
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