Steven V Ley

List of Publications by Year
in descending order

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		2213	4641
835	47,762	99	170
papers	citations	h-index	g-index

1257	1257	1257	21957
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Automated multi-objective reaction optimisation: which algorithm should I use?. Reaction Chemistry and Engineering, 2022, 7, 987-993.	1.9	21
2	A Comment on Continuous Flow Technologies within the Agrochemical Industry. Organic Process Research and Development, 2021, 25, 713-720.	1.3	23
3	CLICK-enabled analogues reveal pregnenolone interactomes in cancer and immune cells. IScience, 2021, 24, 102485.	1.9	6
4	Formation and Utility of Reactive Ketene Intermediates Under Continuous Flow Conditions. Tetrahedron, 2021, , 132305.	1.0	7
5	Photoredox-Catalyzed Dehydrogenative Csp³â€“Csp² Cross-Coupling of Alkylarenes to Aldehydes in Flow. Journal of Organic Chemistry, 2021, 86, 13559-13571.	1.7	11
6	Enzymatic pretreatment of recycled grease trap waste in batch and continuous-flow reactors for biodiesel production. Chemical Engineering Journal, 2021, 426, 131703.	6.6	9
7	A Practical Method for Continuous Production of sp3â€Rich Compounds from (Hetero)Aryl Halides and Redoxâ€Active Esters. Chemistry - A European Journal, 2020, 26, 186-191.	1.7	33
8	A tutored discourse on microcontrollers, single board computers and their applications to monitor and control chemical reactions. Reaction Chemistry and Engineering, 2020, 5, 201-220.	1.9	15
9	Integrated Batch and Continuous Flow Process for the Synthesis of Goniothalamin. ACS Omega, 2020, 5, 18472-18483.	1.6	18
10	The Callipeltoside Story. Topics in Heterocyclic Chemistry, 2020, , 467.	0.2	0
11	Photoredox Generation of Sulfonyl Radicals and Coupling with Electron Deficient Olefins. Organic Letters, 2020, 22, 5746-5748.	2.4	25
12	In silico rationalisation of selectivity and reactivity in Pd-catalysed Câ€“H activation reactions. Beilstein Journal of Organic Chemistry, 2020, 16, 1465-1475.	1.3	2
13	Living with our machines: Towards a more sustainable future. Current Opinion in Green and Sustainable Chemistry, 2020, 25, 100353.	3.2	9
14	Direct Oxidation of Csp³â”H bonds using in Situ Generated Trifluoromethylated Dioxirane in Flow. Chemistry - A European Journal, 2019, 25, 1203-1207.	1.7	18
15	A Photoredox Coupling Reaction of Benzylboronic Esters and Carbonyl Compounds in Batch and Flow. Organic Letters, 2019, 21, 6140-6144.	2.4	20
16	Continuous Pd-Catalyzed Carbonylative Cyclization Using Iron Pentacarbonyl as a CO Source. Journal of Organic Chemistry, 2019, 84, 14394-14406.	1.7	16
17	Fast continuous alcohol amination employing a hydrogen borrowing protocol. Green Chemistry, 2019, 21, 59-63.	4.6	31
18	Enabling synthesis in fragment-based drug discovery by reactivity mapping: photoredox-mediated cross-dehydrogenative heteroarylation of cyclic amines. Chemical Science, 2019, 10, 2264-2271.	3.7	79

#	Article	IF	Citations
19	The Engineering of Chemical Synthesis: Humans and Machines Working in Harmony. Angewandte Chemie - International Edition, 2018, 57, 5182-5183.	7.2	14
20	Rapid, selective and stable HaloTag-LbADH immobilization directly from crude cell extract for the continuous biocatalytic production of chiral alcohols and epoxides. Reaction Chemistry and Engineering, 2018, 3, 8-12.	1.9	35
21	Editorial: Harmonische Zusammenarbeit von Mensch und Maschine in der chemischen Synthese. Angewandte Chemie, 2018, 130, 5278-5279.	1.6	1
22	Real-Time Spectroscopic Analysis Enabling Quantitative and Safe Consumption of Fluoroform during Nucleophilic Trifluoromethylation in Flow. ACS Sustainable Chemistry and Engineering, 2018, 6, 1489-1495.	3.2	48
23	Photochemical Homologation for the Preparation of Aliphatic Aldehydes in Flow. Journal of Organic Chemistry, 2018, 83, 15558-15568.	1.7	19
24	Integrated plug flow synthesis and crystallisation of pyrazinamide. Reaction Chemistry and Engineering, 2018, 3, 631-634.	1.9	19
25	Acrossâ€theâ€World Automated Optimization and Continuousâ€Flow Synthesis of Pharmaceutical Agents Operating Through a Cloudâ€Based Server. Angewandte Chemie - International Edition, 2018, 57, 15128-15132.	7.2	70
26	Three-Component Assembly of Multiply Substituted Homoallylic Alcohols and Amines Using a Flow Chemistry Photoreactor. Organic Letters, 2018, 20, 6569-6572.	2.4	21
27	Acrossâ€theâ€World Automated Optimization and Continuousâ€Flow Synthesis of Pharmaceutical Agents Operating Through a Cloudâ€Based Server. Angewandte Chemie, 2018, 130, 15348-15352.	1.6	13
28	In-line separation of multicomponent reaction mixtures using a new semi-continuous supercritical fluid chromatography system. Reaction Chemistry and Engineering, 2018, 3, 799-806.	1.9	11
29	Câ€“H functionalisation of aldehydes using light generated, non-stabilised diazo compounds in flow. Chemical Communications, 2018, 54, 11685-11688.	2.2	20
30	Preparation of homoallylic amines via a three-component coupling process. Organic and Biomolecular Chemistry, 2018, 16, 6652-6654.	1.5	7
31	Organic photocatalysis for the radical couplings of boronic acid derivatives in batch and flow. Chemical Communications, 2018, 54, 5606-5609.	2.2	64
32	A Convergent Continuous Multistep Process for the Preparation of C₄-Oxime-Substituted Thiazoles. Organic Process Research and Development, 2018, 22, 955-962.	1.3	12
33	Highly diastereoselective boron and titanium mediated aldol reactions of a mannitol derived 2,3-butanediacetal ethyl ketone. Tetrahedron, 2018, 74, 5319-5329.	1.0	2
34	Mimicking the surface and prebiotic chemistry of early Earth using flow chemistry. Nature Communications, 2018, 9, 1821.	5.8	71
35	Rapid Asymmetric Synthesis of Disubstituted Allenes by Coupling of Flowâ€Generated Diazo Compounds and Propargylated Amines. Angewandte Chemie, 2017, 129, 1890-1894.	1.6	11
36	Rapid Asymmetric Synthesis of Disubstituted Allenes by Coupling of Flowâ€Generated Diazo Compounds and Propargylated Amines. Angewandte Chemie - International Edition, 2017, 56, 1864-1868.	7.2	75

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37	Utilization of flow chemistry in catalysis: New avenues for the selective synthesis of Bis(indolyl)methanes. Tetrahedron, 2017, 73, 1812-1819.	1.0	16
38	Flow synthesis of cyclobutanones via [2 + 2] cycloaddition of keteneiminium salts and ethylene gas. Reaction Chemistry and Engineering, 2017, 2, 295-298.	1.9	13
39	One-Pot Acid-Catalyzed Ring-Opening/Cyclization/Oxidation of Aziridines with N-Tosylhydrazones: Access to 1,2,4-Triazines. Organic Letters, 2017, 19, 1084-1087.	2.4	47
40	A New Methodology for Incorporating Chiral Linkers into Stapled Peptides. ChemBioChem, 2017, 18, 1066-1071.	1.3	23
41	Unveiling the role of boroxines in metal-free carbonâ€“carbon homologations using diazo compounds and boronic acids. Chemical Science, 2017, 8, 6071-6075.	3.7	30
42	A Versatile Route to Unstable Diazo Compounds via Oxadiazolines and their Use in Arylâ€“Alkyl Crossâ€Coupling Reactions. Angewandte Chemie - International Edition, 2017, 56, 16602-16605.	7.2	62
43	A Versatile Route to Unstable Diazo Compounds via Oxadiazolines and their Use in Arylâ€“Alkyl Crossâ€Coupling Reactions. Angewandte Chemie, 2017, 129, 16829-16832.	1.6	17
44	Continuous direct anodic flow oxidation of aromatic hydrocarbons to benzyl amides. Reaction Chemistry and Engineering, 2017, 2, 822-825.	1.9	22
45	A Lewis Base Catalysis Approach for the Photoredox Activation of Boronic Acids and Esters. Angewandte Chemie - International Edition, 2017, 56, 15136-15140.	7.2	126
46	A Lewis Base Catalysis Approach for the Photoredox Activation of Boronic Acids and Esters. Angewandte Chemie, 2017, 129, 15332-15336.	1.6	24
47	Continuous Preparation and Use of Dibromoformaldoxime as a Reactive Intermediate for the Synthesis of 3-Bromoisoxazolines. Organic Process Research and Development, 2017, 21, 1588-1594.	1.3	21
48	Chemoselective Continuous Ru-Catalyzed Hydrogen-Transfer Oppenauer-Type Oxidation of Secondary Alcohols. Organic Process Research and Development, 2017, 21, 1419-1422.	1.3	23
49	Visible-Light-Mediated Annulation of Electron-Rich Alkenes and Nitrogen-Centered Radicals from N-Sulfonylallylamines: Construction of Chloromethylated Pyrrolidine Derivatives. Journal of Organic Chemistry, 2017, 82, 13093-13108.	1.7	22
50	Synthesis of Natural and Unnatural Cyclooligomeric Depsipeptides Enabled by Flow Chemistry. Chemistry - A European Journal, 2016, 22, 4206-4217.	1.7	40
51	Solvent-Free Continuous Operations Using Small Footprint Reactors: A Key Approach for Process Intensification. ACS Sustainable Chemistry and Engineering, 2016, 4, 1912-1916.	3.2	15
52	Synthesis of trifluoromethylated isoxazoles and their elaboration through inter- and intra-molecular Câ€“H arylation. Organic and Biomolecular Chemistry, 2016, 14, 5983-5991.	1.5	37
53	An Orthogonal Biocatalytic Approach for the Safe Generation and Use of HCN in a Multistep Continuous Preparation of Chiral O-Acetylcyanohydrins. Synlett, 2016, 27, 262-266.	1.0	37
54	Identification and Development of 2,3-Dihydropyrrolo[1,2-a]quinazolin-5(1H)-one Inhibitors Targeting Bromodomains within the Switch/Sucrose Nonfermenting Complex. Journal of Medicinal Chemistry, 2016, 59, 5095-5101.	2.9	49

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55	Engineering chemistry: integrating batch and flow reactions on a single, automated reactor platform. Reaction Chemistry and Engineering, 2016, 1, 629-635.	1.9	50
56	Visible Light Activation of Boronic Esters Enables Efficient Photoredox C(sp²)â€“C(sp³) Crossâ€Couplings in Flow. Angewandte Chemie - International Edition, 2016, 55, 14085-14089.	7.2	150
57	Combination of Enabling Technologies to Improve and Describe the Stereoselectivity of Wolffâ€“Staudinger Cascade Reaction. Synthesis, 2016, 48, 3515-3526.	1.2	39
58	A multicomponent approach for the preparation of homoallylic alcohols. Chemical Science, 2016, 7, 6803-6807.	3.7	20
59	On the Synthesis and Reactivity of 2,3-Dihydropyrrolo[1,2-a]quinazolin-5(1H)-ones. Synthesis, 2016, 49, 135-144.	1.2	12
60	Continuous Processing and Efficientin SituReaction Monitoring of a Hypervalent Iodine(III) Mediated Cyclopropanation Using Benchtop NMR Spectroscopy. Organic Process Research and Development, 2016, 20, 1603-1614.	1.3	42
61	The Total Synthesis of the Bioactive Natural Product Plantazolicinâ€…A and Its Biosynthetic Precursor Plantazolicinâ€…B. Chemistry - A European Journal, 2016, 22, 15902-15912.	1.7	9
62	Taming hazardous chemistry by continuous flow technology. Chemical Society Reviews, 2016, 45, 4892-4928.	18.7	553
63	Promiscuous targeting of bromodomains by bromosporine identifies BET proteins as master regulators of primary transcription response in leukemia. Science Advances, 2016, 2, e1600760.	4.7	90
64	Visible Light Activation of Boronic Esters Enables Efficient Photoredox C(sp²)â€“C(sp³) Crossâ€Couplings in Flow. Angewandte Chemie, 2016, 128, 14291-14295.	1.6	30
65	Editorial â€“ Flow Chemistry and Catalysis. Catalysis Science and Technology, 2016, 6, 4676-4677.	2.1	7
66	A Novel Internet-Based Reaction Monitoring, Control and Autonomous Self-Optimization Platform for Chemical Synthesis. Organic Process Research and Development, 2016, 20, 386-394.	1.3	160
67	Controlled generation and use of CO in flow. Reaction Chemistry and Engineering, 2016, 1, 280-287.	1.9	25
68	Iterative reactions of transient boronic acids enable sequential Câ€“C bond formation. Nature Chemistry, 2016, 8, 360-367.	6.6	116
69	Enabling Technologies for the Future of Chemical Synthesis. ACS Central Science, 2016, 2, 131-138.	5.3	136
70	A multistep continuous flow synthesis machine for the preparation of pyrazoles via a metal-free amine-redox process. Reaction Chemistry and Engineering, 2016, 1, 101-105.	1.9	44
71	A Versatile Roomâ€Temperature Route to Diâ€and Trisubstituted Allenes Using Flowâ€Generated Diazo Compounds. Angewandte Chemie - International Edition, 2015, 54, 7920-7923.	7.2	93
72	Callipeltosides A, B and C: Total Syntheses and Structural Confirmation. Chemistry - A European Journal, 2015, 21, 13261-13277.	1.7	28

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73	A Versatile Roomâ€Temperature Route to Diâ€•and Trisubstituted Allenes Using Flowâ€Generated Diazo Compounds. Angewandte Chemie, 2015, 127, 8031-8034.	1.6	22
74	Fully Automated Sequence-Specific Synthesis of Î±-Peptides Using Flow Chemistry. Journal of Flow Chemistry, 2015, 4, 18-21.	1.2	12
75	Machineâ€Assisted Organic Synthesis. Angewandte Chemie - International Edition, 2015, 54, 10122-10136.	7.2	185
76	Development of a flow method for the hydroboration/oxidation of olefins. Organic and Biomolecular Chemistry, 2015, 13, 3871-3877.	1.5	18
77	A practical deca-gram scale ring expansion of (R)-(â^')-carvone to (R)-(+)-3-methyl-6-isopropenyl-cyclohept-3-enone-1. Organic and Biomolecular Chemistry, 2015, 13, 7633-7642.	1.5	12
78	Continuous Flow Metathesis for Direct Valorization of Food Waste: An Example of Cocoa Butter Triglyceride. ACS Sustainable Chemistry and Engineering, 2015, 3, 1453-1459.	3.2	29
79	Flow Chemistry: Intelligent Processing of Gasâ€"Liquid Transformations Using a Tube-in-Tube Reactor. Accounts of Chemical Research, 2015, 48, 349-362.	7.6	250
80	Cyclopropanation using flow-generated diazo compounds. Organic and Biomolecular Chemistry, 2015, 13, 2550-2554.	1.5	71
81	Organic Synthesis: March of the Machines. Angewandte Chemie - International Edition, 2015, 54, 3449-3464.	7.2	385
82	Design, Synthesis, and Evaluation of Tetrasubstituted Pyridines as Potent 5-HT_{2C} Receptor Agonists. ACS Medicinal Chemistry Letters, 2015, 6, 329-333.	1.3	11
83	Design, synthesis and evaluation of semi-synthetic triazole-containing caffeic acid analogues as 5-lipoxygenase inhibitors. European Journal of Medicinal Chemistry, 2015, 101, 573-583.	2.6	30
84	Machines vs Malaria: A Flow-Based Preparation of the Drug Candidate OZ439. Organic Letters, 2015, 17, 3218-3221.	2.4	47
85	Facilitating Biomimetic Syntheses of Borrerine Derived Alkaloids by Means of Flow-Chemical Methods. Australian Journal of Chemistry, 2015, 68, 693.	0.5	7
86	Development of a web-based platform for studying lithiation reactions in silico. Chemical Communications, 2015, 51, 7172-7175.	2.2	5
87	Generation of Reactive Ketenes under Flow Conditions through Zinc-Mediated Dehalogenation. Synlett, 2015, 26, 1470-1474.	1.0	30
88	Synthesis of a Precursor to Sacubitril Using Enabling Technologies. Organic Letters, 2015, 17, 5436-5439.	2.4	34
89	Dynamic flow synthesis of porous organic cages. Chemical Communications, 2015, 51, 17390-17393.	2.2	52
90	Modeling mesoscale reactors for the production of fine chemicals. Chemical Engineering Journal, 2015, 278, 353-362.	6.6	6

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91	Flow chemistry as a discovery tool to access sp²â€“sp³cross-coupling reactions via diazo compounds. Chemical Science, 2015, 6, 1120-1125.	3.7	106
92	Back Pressure Regulation of Slurryâ€Forming Reactions in Continuous Flow. Chemical Engineering and Technology, 2015, 38, 259-264.	0.9	27
93	Total Syntheses of Linear Polythiazole/Oxazole Plantazolicinâ€…A and Its Biosynthetic Precursor Plantazolicinâ€…B. Angewandte Chemie - International Edition, 2015, 54, 1284-1288.	7.2	33
94	A Systems Approach towards an Intelligent and Selfâ€Controlling Platform for Integrated Continuous Reaction Sequences. Angewandte Chemie - International Edition, 2015, 54, 144-148.	7.2	132
95	The rapid synthesis of oxazolines and their heterogeneous oxidation to oxazoles under flow conditions. Organic and Biomolecular Chemistry, 2015, 13, 207-214.	1.5	42
96	The Internet of Chemical Things. Beilstein Magazine, 2015, , .	0.4	12
97	Synthesis of Riboflavines, Quinoxalinones and Benzodiazepines through Chemoselective Flow Based Hydrogenations. Molecules, 2014, 19, 9736-9759.	1.7	26
98	Integration of enabling methods for the automated flow preparation of piperazine-2-carboxamide. Beilstein Journal of Organic Chemistry, 2014, 10, 641-652.	1.3	64
99	Flowâ€Based, Cerium Oxide Enhanced, Lowâ€Level Palladium Sonogashira and Heck Coupling Reactions by Perovskite Catalysts. Israel Journal of Chemistry, 2014, 54, 371-380.	1.0	17
100	Accelerating Spirocyclic Polyketide Synthesis using Flow Chemistry. Angewandte Chemie - International Edition, 2014, 53, 4915-4920.	7.2	120
101	Preparation of Unsymmetrical Ketones from Tosylhydrazones and Aromatic Aldehydes via Formyl Câ€“H Bond Insertion. Organic Letters, 2014, 16, 3064-3067.	2.4	50
102	Metal-Free Coupling of Saturated Heterocyclic Sulfonylhydrazones with Boronic Acids. Journal of Organic Chemistry, 2014, 79, 328-338.	1.7	87
103	Mild and Selective Heterogeneous Catalytic Hydration of Nitriles to Amides by Flowing through Manganese Dioxide. Organic Letters, 2014, 16, 1060-1063.	2.4	114
104	Highly regioselective lithiation of pyridines bearing an oxetane unit by n-butyllithium. Chemical Communications, 2014, 50, 8908-8911.	2.2	23
105	Continuous flow chemistry: a discovery tool for new chemical reactivity patterns. Organic and Biomolecular Chemistry, 2014, 12, 3611-3615.	1.5	66
106	Machine-assisted synthesis of modulators of the histone reader BRD9 using flow methods of chemistry and frontal affinity chromatography. MedChemComm, 2014, 5, 540-546.	3.5	42
107	Reconfiguration of a Continuous Flow Platform for Extended Operation: Application to a Cryogenic Fluorine-Directed ortho-Lithiation Reaction. Organic Process Research and Development, 2014, 18, 1221-1228.	1.3	31
108	Design and Application of a Low-Temperature Continuous Flow Chemistry Platform. Organic Process Research and Development, 2014, 18, 1211-1220.	1.3	50

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109	Expedient Preparation of Nazlinine and a Small Library of Indole Alkaloids Using Flow Electrochemistry as an Enabling Technology. Organic Letters, 2014, 16, 4618-4621.	2.4	78
110	Process Intensification for the Continuous Flow Hydrogenation of Ethyl Nicotinate. Organic Process Research and Development, 2014, 18, 1560-1566.	1.3	65
111	A General Continuous Flow Method for Palladium Catalysed Carbonylation Reactions Using Single and Multiple Tubeâ€inâ€Tube Gasâ€Liquid Microreactors. European Journal of Organic Chemistry, 2014, 2014, 6418-6430.	1.2	65
112	Flow Chemistry Meets Advanced Functional Materials. Chemistry - A European Journal, 2014, 20, 12348-12366.	1.7	114
113	Regioselective Preparation of Saturated Spirocyclic and Ring-Expanded Fused Pyrazoles. Journal of Organic Chemistry, 2014, 79, 8800-8811.	1.7	38
114	Investigation of a Lithiumâ€“Halogen Exchange Flow Process for the Preparation of Boronates by Using a Cryoâ€Flow Reactor. Chemistry - A European Journal, 2014, 20, 263-271.	1.7	35
115	A prototype device for evaporation in batch and flow chemical processes. Green Chemistry, 2013, 15, 2050.	4.6	63
116	Fragment-based hit identification: thinking in 3D. Drug Discovery Today, 2013, 18, 1221-1227.	3.2	132
117	Flow chemistry syntheses of natural products. Chemical Society Reviews, 2013, 42, 8849.	18.7	602
118	Continuous Flow-Processing of Organometallic Reagents Using an Advanced Peristaltic Pumping System and the Telescoped Flow Synthesis of (E/Z)-Tamoxifen. Organic Process Research and Development, 2013, 17, 1192-1208.	1.3	133
119	Scaling Up of Continuous Flow Processes with Gases Using a Tube-in-Tube Reactor: Inline Titrations and Fanetizole Synthesis with Ammonia. Organic Process Research and Development, 2013, 17, 1183-1191.	1.3	70
120	An expeditious synthesis of imatinib and analogues utilising flow chemistry methods. Organic and Biomolecular Chemistry, 2013, 11, 1822-1839.	1.5	91
121	Flow chemistry synthesis of zolpidem, alpidem and other GABA_Aagonists and their biological evaluation through the use of in-line frontal affinity chromatography. Chemical Science, 2013, 4, 764-769.	3.7	112
122	The synthesis of Bcr-Abl inhibiting anticancer pharmaceutical agents imatinib, nilotinib and dasatinib. Organic and Biomolecular Chemistry, 2013, 11, 1766-1800.	1.5	54
123	Flow Chemistry Syntheses of Styrenes, Unsymmetrical Stilbenes and Branched Aldehydes. ChemCatChem, 2013, 5, 159-172.	1.8	62
124	Design, Synthesis, and Biological Evaluation of an Allosteric Inhibitor of HSET that Targets Cancer Cells with Supernumerary Centrosomes. Chemistry and Biology, 2013, 20, 1399-1410.	6.2	94
125	Synthesis of spongistatin 2 employing a new route to the EF fragment. Chemical Science, 2013, 4, 1989.	3.7	10
126	A Mild and Efficient Flow Procedure for the Transfer Hydrogenation of Ketones and Aldehydes using Hydrous Zirconia. Organic Letters, 2013, 15, 2278-2281.	2.4	115

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127	The synthesis of neurotensin antagonist SR 48692 for prostate cancer research. Bioorganic and Medicinal Chemistry, 2013, 21, 4378-4387.	1.4	13
128	Flow Microwave Technology and Microreactors in Synthesis. Australian Journal of Chemistry, 2013, 66, 131.	0.5	46
129	A Continuous Flow Solution to Achieving Efficient Aerobic Antiâ€Markovnikov Wacker Oxidation. Advanced Synthesis and Catalysis, 2013, 355, 1905-1910.	2.1	56
130	Flow Synthesis and Biological Studies of an Analgesic Adamantane Derivative That Inhibits P2X₇-Evoked Glutamate Release. ACS Medicinal Chemistry Letters, 2013, 4, 704-709.	1.3	16
131	Studies of a Diastereoselective Electrophilic Fluorination Reaction Employing a Cryo-Flow Reactor. Synlett, 2013, 24, 1298-1302.	1.0	10
132	Sustainable Flow Oppenauer Oxidation of Secondary Benzylic Alcohols with a Heterogeneous Zirconia Catalyst. Organic Letters, 2013, 15, 5698-5701.	2.4	36
133	Continuous Cold without Cryogenic Consumables: Development of a Convenient Laboratory Tool for Lowâ€Temperature Flow Processes. Chemical Engineering and Technology, 2013, 36, 959-967.	0.9	11
134	A Machineâ€Assisted Flow Synthesis of SR48692: A Probe for the Investigation of Neurotensin Receptorâ€1. Chemistry - A European Journal, 2013, 19, 7917-7930.	1.7	67
135	Synthesis of (-)-Hennoxazole A: Integrating Batch and Flow Chemistry Methods. Synlett, 2013, 24, 514-518.	1.0	20
136	The application of a monolithic triphenylphosphine reagent for conducting Ramirez gem-dibromoolefination reactions in flow. Beilstein Journal of Organic Chemistry, 2013, 9, 1781-1790.	1.3	14
137	Camera-enabled techniques for organic synthesis. Beilstein Journal of Organic Chemistry, 2013, 9, 1051-1072.	1.3	66
138	Abstract B96: Design, synthesis and biological evaluation of a novel allosteric inhibitor of HSET that damages cancer cells with supernumerary centrosomes.. , 2013, , .		0
139	Continuous-Flow Processing of Gaseous Ammonia Using a Teflon AF-2400 Tube-in-Tube Reactor: Synthesis of Thioureas and In-Line Titrations. Synlett, 2012, 23, 1402-1406.	1.0	31
140	Scale-Up of Flow-Assisted Synthesis of C2-Symmetric Chiral PyBox Ligands. Synthesis, 2012, 2012, 635-647.	1.2	6
141	Continuous stream processing: a prototype magnetic field induced flow mixer. Green Processing and Synthesis, 2012, 1, .	1.3	8
142	Synthesis of Enantiomerically Enriched 3-Amino-2-oxindoles through a Palladium-Mediated Asymmetric Intramolecular Arylation of Î±-Ketimino Amides. Organic Letters, 2012, 14, 4810-4813.	2.4	49
143	Continuous Multiple Liquidâ€“Liquid Separation: Diazotization of Amino Acids in Flow. Organic Letters, 2012, 14, 4246-4249.	2.4	90
144	Synthesis and Use of a Trifluoromethylated Azomethine Ylide Precursor. Journal of Organic Chemistry, 2012, 77, 11071-11078.	1.7	37

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145	Continuous Preparation of Arylmagnesium Reagents in Flow with Inline IR Monitoring. Organic Process Research and Development, 2012, 16, 1102-1113.	1.3	119
146	A-Ring Dihalogenation Increases the Cellular Activity of Combretastatin-Templated Tetrazoles. ACS Medicinal Chemistry Letters, 2012, 3, 177-181.	1.3	42
147	Convergent Total Syntheses of Callipeltosidesâ€…A, B, and C. Angewandte Chemie - International Edition, 2012, 51, 9366-9371.	7.2	31
148	A â€œCatchâ€“Reactâ€“Releaseâ€•Method for the Flow Synthesis of 2-Aminopyrimidines and Preparation of the Imatinib Base. Organic Letters, 2012, 14, 3920-3923.	2.4	49
149	A Total Synthesis of Millingtonine A. Organic Letters, 2012, 14, 696-699.	2.4	38
150	Flow synthesis using gaseous ammonia in a Teflon AF-2400 tube-in-tube reactor: Paalâ€“Knorr pyrrole formation and gas concentration measurement by inline flow titration. Organic and Biomolecular Chemistry, 2012, 10, 5774.	1.5	100
151	Continuous flow reaction monitoring using an onâ€line miniature mass spectrometer. Rapid Communications in Mass Spectrometry, 2012, 26, 1999-2010.	0.7	118
152	On Being Green: Can Flow Chemistry Help?. Chemical Record, 2012, 12, 378-390.	2.9	188
153	Rotamers or Diastereomers? An Overlooked NMR Solution. Journal of Organic Chemistry, 2012, 77, 5198-5202.	1.7	73
154	A prototype continuous-flow liquidâ€“liquid extraction system using open-source technology. Organic and Biomolecular Chemistry, 2012, 10, 7031.	1.5	98
155	Asymmetric Homogeneous Hydrogenation in Flow using a Tubeâ€inâ€Tube Reactor. Advanced Synthesis and Catalysis, 2012, 354, 1805-1812.	2.1	73
156	The Oxygenâ€Mediated Synthesis of 1,3â€Butadiynes in Continuous Flow: Using Teflon AFâ€2400 to Effect Gas/Liquid Contact. ChemSusChem, 2012, 5, 274-277.	3.6	102
157	A Flow-Based Synthesis of 2-Aminoadamantane-2-carboxylic Acid. Organic Process Research and Development, 2012, 16, 798-810.	1.3	64
158	Increased endothelial cell selectivity of triazole-bridged dihalogenated A-ring analogues of combretastatin Aâ€“1. Bioorganic and Medicinal Chemistry, 2012, 20, 1749-1759.	1.4	18
159	A total synthesis of the ammonium ionophore, (â^')-enniatin B. Tetrahedron Letters, 2012, 53, 4077-4079.	0.7	15
160	Hydrogenation in flow: Homogeneous and heterogeneous catalysis using Teflon AF-2400 to effect gasâ€“liquid contact at elevated pressure. Chemical Science, 2011, 2, 1250.	3.7	191
161	The clerodane ring system: investigating the viability of a direct Dielsâ€“Alder approach. Organic and Biomolecular Chemistry, 2011, 9, 4745.	1.5	11
162	Continuous Flow Processing of Slurries: Evaluation of an Agitated Cell Reactor. Organic Process Research and Development, 2011, 15, 693-697.	1.3	135

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