The Hitchhikerâ€s Guide to Flow Chemistry

Chemical Reviews

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Citation Report

#	Article	IF	Citations
1	Screwing NaBH₄ through a Barrel without a Bang: A Kneaded Alternative to Fed-Batch Carbonyl Reductions. Organic Process Research and Development, 2017, 21, 992-1002.	2.7	21
2	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.	13.8	62
3	Telescoped continuous flow generation of a library of highly substituted 3-thio-1,2,4-triazoles. Reaction Chemistry and Engineering, 2017, 2, 896-907.	3.7	12
4	A Versatile Route to Unstable Diazo Compounds via Oxadiazolines and their Use in Arylâ€“Alkyl Crossâ€Coupling Reactions. Angewandte Chemie, 2017, 129, 16829-16832.	2.0	17
5	Process Development and Scale-up of the Continuous Flow Nitration of Trifluoromethoxybenzene. Organic Process Research and Development, 2017, 21, 1843-1850.	2.7	49
6	Introduction: Natural Product Synthesis. Chemical Reviews, 2017, 117, 11649-11650.	47.7	7
7	Micromixing enables chemoselective reactions of difunctional electrophiles with functional aryllithiums. Reaction Chemistry and Engineering, 2017, 2, 862-870.	3.7	12
8	Exploiting the Continuous in situ Generation of Mesyl Azide for Use in a Telescoped Process. European Journal of Organic Chemistry, 2017, 2017, 6533-6539.	2.4	21
9	A Convenient, Mild, and Green Synthesis of NHâ€Sulfoximines in Flow Reactors. European Journal of Organic Chemistry, 2017, 2017, 6486-6490.	2.4	40
10	Photochemical Dualâ€Catalytic Synthesis of Alkynyl Sulfides. Angewandte Chemie - International Edition, 2017, 56, 12255-12259.	13.8	58
11	Photochemical Dualâ€Catalytic Synthesis of Alkynyl Sulfides. Angewandte Chemie, 2017, 129, 12423-12427.	2.0	15
12	Visible light-induced iniferter polymerization of methacrylates enhanced by continuous flow. Polymer Chemistry, 2017, 8, 6496-6505.	3.9	77
13	Immobilization of Privileged Triazolium Carbene Catalyst for Batch and Flow Stereoselective Umpolung Processes. ACS Catalysis, 2017, 7, 6365-6375.	11.2	48
14	Visibleâ€Lightâ€Mediated Selective Arylation of Cysteine in Batch and Flow. Angewandte Chemie, 2017, 129, 12876-12881.	2.0	30
15	Visibleâ€Lightâ€Mediated Selective Arylation of Cysteine in Batch and Flow. Angewandte Chemie - International Edition, 2017, 56, 12702-12707.	13.8	94
16	Environmentally Friendly Synthesis of Indoline Derivatives using Flowâ€Chemistry Techniques. European Journal of Organic Chemistry, 2017, 2017, 6525-6532.	2.4	9
17	An environmentally benign and selective electrochemical oxidation of sulfides and thiols in a continuous-flow microreactor. Green Chemistry, 2017, 19, 4061-4066.	9.0	133
18	Optimizing Chemical Reactions with Deep Reinforcement Learning. ACS Central Science, 2017, 3, 1337-1344.	11.3	291

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20	Synthesis of cyclopent-2-enones from furans using a nebulizer-based continuous flow photoreactor. Organic and Biomolecular Chemistry, 2017, 15, 10151-10155.	2.8	14
21	Design and 3D printing of a stainless steel reactor for continuous difluoromethylations using fluoroform. Reaction Chemistry and Engineering, 2017, 2, 919-927.	3.7	73
22	Lignin depolymerization to monophenolic compounds in a flow-through system. Green Chemistry, 2017, 19, 5767-5771.	9.0	164
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