

Continuous manufacturing “the Green Chemistry pr

Green Chemistry

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Continuous flow upgrading of glycerol toward oxiranes and active pharmaceutical ingredients thereof. <i>Green Chemistry</i> , 2019, 21, 4422-4433.	4.6	39
2	Flow Chemistry: Towards A More Sustainable Heterocyclic Synthesis. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 7188-7217.	1.2	33
3	Safe and highly efficient adaptation of potentially explosive azide chemistry involved in the synthesis of Tamiflu using continuous-flow technology. <i>Beilstein Journal of Organic Chemistry</i> , 2019, 15, 2577-2589.	1.3	17
4	Electrochemical Coupling of Arylsulfonyl Hydrazides and Tertiary Amines for the Synthesis of $\beta$ -Amidovinyl Sulfones. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 6951-6955.	1.2	19
5	Continuous flow/waste-minimized synthesis of benzoxazoles catalysed by heterogeneous manganese systems. <i>Green Chemistry</i> , 2019, 21, 5298-5305.	4.6	38
6	Multistep Solvent-Free 3 m <sup>2</sup> Footprint Pilot Miniplant for the Synthesis of Annual Half-Ton Rufinamide Precursor. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 17237-17251.	3.2	13
7	Biocatalysis and Pharmaceuticals: A Smart Tool for Sustainable Development. <i>Catalysts</i> , 2019, 9, 792.	1.6	22
8	A Green Chemistry Continuum for a Robust and Sustainable Active Pharmaceutical Ingredient Supply Chain. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 16937-16951.	3.2	37
9	Continuous Flow Synthesis of Methyl Oximino Acetoacetate: Accessing Greener Purification Methods with Inline Liquid-Liquid Extraction and Membrane Separation Technology. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 20088-20096.	3.2	18
10	Challenges and Directions for Green Chemical Engineering—Role of Nanoscale Materials. , 2020, , 1-18.		11
11	Continuous-Flow Amide and Ester Reductions Using Neat Borane Dimethylsulfide Complex. <i>ChemSusChem</i> , 2020, 13, 1800-1807.	3.6	13
12	Waste minimized synthesis of pharmaceutically active compounds <i>via</i> heterogeneous manganese catalysed C-H oxidation in flow. <i>Green Chemistry</i> , 2020, 22, 397-403.	4.6	40
13	Continuous Hydrogenolysis of <i>N</i> -Diphenylmethyl Groups in a Micropacked-Bed Reactor. <i>Organic Process Research and Development</i> , 2020, 24, 59-66.	1.3	41
14	Continuous synthesis of 2,5-hexanedione through direct C-C coupling of acetone in a Hilbert fractal photo microreactor. <i>Reaction Chemistry and Engineering</i> , 2020, 5, 2250-2259.	1.9	5
15	Continuous Flow Upgrading of Selected C <sub>2</sub> -C <sub>6</sub> Platform Chemicals Derived from Biomass. <i>Chemical Reviews</i> , 2020, 120, 7219-7347.	23.0	222
16	Carbon as a Simple Support for Redox Biocatalysis in Continuous Flow. <i>Organic Process Research and Development</i> , 2020, 24, 2281-2287.	1.3	12
17	Evolution of flow-oriented design strategies in the continuous preparation of pharmaceuticals. <i>Reaction Chemistry and Engineering</i> , 2020, 5, 1527-1555.	1.9	28
18	Cluster Preface: Integrated Synthesis Using Continuous-Flow Technologies. <i>Synlett</i> , 2020, 31, 1878-1879.	1.0	0

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20	A mineralogically-inspired silver–bismuth hybrid material: Structure, stability and application for catalytic benzyl alcohol dehydrogenations under continuous flow conditions. <i>Molecular Catalysis</i> , 2020, 498, 111263.	1.0	3
21	Digital Twin for Extraction Process Design and Operation. <i>Processes</i> , 2020, 8, 866.	1.3	20
22	Mechanistic Understanding of Competitive Destabilization of Carbamazepine Cocrystals under Solvent Free Conditions. <i>Crystal Growth and Design</i> , 2020, 20, 6024-6029.	1.4	7
23	Optimization and sustainability assessment of a continuous flow Ru-catalyzed ester hydrogenation for an important precursor of a $\beta$ -adrenergic receptor agonist. <i>Green Chemistry</i> , 2020, 22, 5762-5770.	4.6	16
24	Sustainable flow approaches to active pharmaceutical ingredients. <i>Green Chemistry</i> , 2020, 22, 5937-5955.	4.6	56
25	Highly Efficient and Selective Synthesis of Methyl Carbonate-Ended Polycarbonate Precursors from Dimethyl Carbonate and Bisphenol A. <i>Industrial &amp; Engineering Chemistry Research</i> , 2020, 59, 13948-13955.	1.8	8
26	Continuous hydrothermal leaching of $\text{LiCoO}_2$ cathode materials by using citric acid. <i>Reaction Chemistry and Engineering</i> , 2020, 5, 2148-2154.	1.9	13
27	Continuous reactive crystallization of an API in PFR-CSTR cascade with in-line PATs. <i>Reaction Chemistry and Engineering</i> , 2020, 5, 1950-1962.	1.9	13
28	Advances in the green chemistry of coordination polymer materials. <i>Green Chemistry</i> , 2020, 22, 3693-3715.	4.6	67
29	A green and efficient Pd-free protocol for the Suzuki–Miyaura cross-coupling reaction using $\text{Fe}_3\text{O}_4@ \text{APTMS} @ \text{Cp}2\text{ZrCl}_x$ ( $x = 0, 1, 2$ ) MNPs in PEG-400. <i>Research on Chemical Intermediates</i> , 2020, 46, 3361-3382.	1.3	15
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33	Continuous flow Suzuki–Miyaura couplings in water under micellar conditions in a CSTR cascade catalyzed by Fe/ppm Pd nanoparticles. <i>Green Chemistry</i> , 2020, 22, 3441-3444.	4.6	24
34	Preparation of Mono- and Diisocyanates in Flow from Renewable Carboxylic Acids. <i>Organic Process Research and Development</i> , 2020, 24, 2342-2346.	1.3	19
35	E-factor analysis of a pilot plant for end-to-end integrated continuous manufacturing (ICM) of pharmaceuticals. <i>Green Chemistry</i> , 2020, 22, 4350-4356.	4.6	19
36	Flow chemistry remains an opportunity for chemists and chemical engineers. <i>Current Opinion in Chemical Engineering</i> , 2020, 29, 42-50.	3.8	42

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37	Continuous Production of Five Active Pharmaceutical Ingredients in Flexible Plug-and-Play Modules: A Demonstration Campaign. <i>Organic Process Research and Development</i> , 2020, 24, 2183-2196.	1.3	50
38	Ultrafast synthesis of 2-(benzhydrylthio)benzo[d]oxazole, an antimalarial drug, via an unstable lithium thiolate intermediate in a capillary microreactor. <i>Reaction Chemistry and Engineering</i> , 2020, 5, 849-852.	1.9	6
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42	Accelerated Material-Efficient Investigation of Switchable Hydrophilicity Solvents for Energy-Efficient Solvent Recovery. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 3347-3356.	3.2	18
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46	N-Acetylation of Amines in Continuous-Flow with Acetonitrile—No Need for Hazardous and Toxic Carboxylic Acid Derivatives. <i>Molecules</i> , 2020, 25, 1985.	1.7	7
47	Continuous Flow Organophosphorus Chemistry. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 5236-5277.	1.2	19
48	Recent advances in continuous-flow organocatalysis for process intensification. <i>Reaction Chemistry and Engineering</i> , 2020, 5, 1017-1052.	1.9	62
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69	Protic Ionic Liquid as Reagent, Catalyst, and Solvent: 1-Methylimidazolium Thiocyanate. <i>Angewandte Chemie</i> , 2021, 133, 8006-8013.	1.6	6
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79	A Showcase of Green Chemistry: Sustainable Synthetic Approach of Zirconium-Based MOF Materials. <i>Chemistry - A European Journal</i> , 2021, 27, 9967-9987.	1.7	33
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81	Comparative Life Cycle Assessment of Different Production Processes for Waterborne Polyurethane Dispersions. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 8980-8989.	3.2	15
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88	Adsorbents for real-scale water remediation: Gaps and the road forward. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105380.	3.3	21
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110	Green chemistry and sustainability metrics in the pharmaceutical manufacturing sector. <i>Current Opinion in Green and Sustainable Chemistry</i> , 2022, 33, 100562.	3.2	36
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