

C Oliver Kappe

List of Publications by Year in descending order

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times ranked

22889
citing authors

#	ARTICLE	IF	CITATIONS
1	Scalable continuous flow hydrogenations using Pd/Al ₂ O ₃ -coated rectangular cross-section 3D-printed static mixers. <i>Catalysis Today</i> , 2022, 383, 55-63.	2.2	24
2	Chemoselective Electrochemical Oxidation of Secondary Alcohols Using a Recyclable Chloride-Based Mediator. <i>Synlett</i> , 2022, 33, 166-170.	1.0	4
3	Automated and continuous synthesis of drug substances. <i>Chemical Engineering Research and Design</i> , 2022, 177, 493-501.	2.7	6
4	Enantioselective Flow Synthesis of Rolipram Enabled by a Telescoped Asymmetric Conjugate Addition–Oxidative Aldehyde Esterification Sequence Using <i>in Situ</i> -Generated Persulfuric Acid as Oxidant. <i>Organic Letters</i> , 2022, 24, 1066-1071.	2.4	19
5	Autonomous Multi-Step and Multi-Objective Optimization Facilitated by Real-Time Process Analytics. <i>Advanced Science</i> , 2022, 9, e2105547.	5.6	37
6	Practical Guidelines for the Safe Use of Fluorine Gas Employing Continuous Flow Technology. <i>Journal of Chemical Health and Safety</i> , 2022, 29, 165-174.	1.1	12
7	Automated flow and real-time analytics approach for screening functional group tolerance in heterogeneous catalytic reactions. <i>Catalysis Science and Technology</i> , 2022, 12, 1799-1811.	2.1	6
8	Photochemical Deracemization of a Medicinally Relevant Benzopyran using an Oscillatory Flow Reactor. <i>Chemistry - A European Journal</i> , 2022, 28, .	1.7	16
9	Artificial neural networks and data fusion enable concentration predictions for inline process analytics. , 2022, 1, 405-412.		3
10	Electrochemical Oxidation of Alcohols Using Nickel Oxide Hydroxide as Heterogeneous Electrocatalyst in Batch and Continuous Flow. <i>Organic Process Research and Development</i> , 2022, 26, 1486-1495.	1.3	17
11	<i>N</i> -Hydroxyphthalimide Catalyzed Aerobic Oxidation of Aldehydes under Continuous Flow Conditions. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 1998-2008.	2.1	9
12	Sustainable Synthesis of Noroxymorphone via a Key Electrochemical N-Demethylation Step. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 8988-8996.	3.2	5
13	Continuous flow processing of bismuth-photocatalyzed atom transfer radical addition reactions using an oscillatory flow reactor. <i>Green Chemistry</i> , 2021, 23, 2685-2693.	4.6	28
14	A continuous flow bromodimethylsulfonium bromide generator: application to the synthesis of 2-arylaziridines from styrenes. <i>Journal of Flow Chemistry</i> , 2021, 11, 117-125.	1.2	9
15	Flow Technology for Telescoped Generation, Lithiation and Electrophilic (C ₃) Functionalization of Highly Strained 1-Azabicyclo[1.1.0]butanes. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 6395-6399.	7.2	28
16	Flow Technology for Telescoped Generation, Lithiation and Electrophilic (C ₃) Functionalization of Highly Strained 1-Azabicyclo[1.1.0]butanes. <i>Angewandte Chemie</i> , 2021, 133, 6465-6469.	1.6	11
17	Development and Assembly of a Flow Cell for Single-Pass Continuous Electroorganic Synthesis Using Laser-Cut Components. <i>Chemistry Methods</i> , 2021, 1, 36-41.	1.8	19
18	Continuous flow heterogeneous catalytic reductive aminations under aqueous micellar conditions enabled by an oscillatory plug flow reactor. <i>Green Chemistry</i> , 2021, 23, 5625-5632.	4.6	19

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19	Sustainable electrochemical decarboxylative acetoxylation of aminoacids in batch and continuous flow. <i>Green Chemistry</i> , 2021, 23, 2382-2390.	4.6	18
20	Process intensification of ozonolysis reactions using dedicated microstructured reactors. <i>Reaction Chemistry and Engineering</i> , 2021, 6, 2253-2258.	1.9	13
21	Flash Chemistry Approach to Organometallic <i>C</i> -Glycosylation for the Synthesis of Remdesivir. <i>Organic Process Research and Development</i> , 2021, 25, 1015-1021.	1.3	25
22	One-pot multistep electrochemical strategy for the modular synthesis of epoxides, glycols, and aldehydes from alkenes. <i>Electrochemical Science Advances</i> , 2021, 1, e2100002.	1.2	8
23	Advanced Real-Time Process Analytics for Multistep Synthesis in Continuous Flow**. <i>Angewandte Chemie</i> , 2021, 133, 8220-8229.	1.6	19
24	Advanced Real-Time Process Analytics for Multistep Synthesis in Continuous Flow**. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 8139-8148.	7.2	98
25	Electrochemically Enabled One-Pot Multistep Synthesis of C19 Androgen Steroids. <i>Chemistry - A European Journal</i> , 2021, 27, 6044-6049.	1.7	5
26	Advanced Real-Time Process Analytics for Multistep Synthesis in Continuous Flow (Angew. Chem. 15/2021). <i>Angewandte Chemie</i> , 2021, 133, 8640-8640.	1.6	0
27	Synthesis of the Lipophilic Amine Tail of Abediterol Enabled by Multiphase Flow Transformations. <i>Organic Process Research and Development</i> , 2021, 25, 947-959.	1.3	8
28	Intensified Continuous Flow Synthesis and Workup of 1,5-Disubstituted Tetrazoles Enhanced by Real-Time Process Analytics. <i>Organic Process Research and Development</i> , 2021, 25, 1206-1214.	1.3	15
29	Sustainable Aldehyde Oxidations in Continuous Flow Using <i>in Situ</i> -Generated Performic Acid. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 5519-5525.	3.2	15
30	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
31	Cu-catalyzed aerobic oxidation of diphenyl sulfide to diphenyl sulfoxide within a segmented flow regime: Modeling of a consecutive reaction network and reactor characterization. <i>Chemical Engineering Journal</i> , 2021, 416, 129045.	6.6	14
32	Catalytic Static Mixer-Enabled Hydrogenation of a Key Fenebrutinib Intermediate: Real-Time Analysis for a Stable and Scalable Process. <i>Organic Process Research and Development</i> , 2021, 25, 1988-1995.	1.3	12
33	Electrochemical α -Arylation of Ketones via Anodic Oxidation of In Situ Generated Silyl Enol Ethers. <i>Journal of Organic Chemistry</i> , 2021, 86, 16026-16034.	1.7	2
34	A small footprint oxycodone generator based on continuous flow technology and real-time analytics. <i>Journal of Flow Chemistry</i> , 2021, 11, 707-715.	1.2	1
35	Telescoped lithiation, C-arylation and methoxylation in flow-batch hybrid toward the synthesis of canagliflozin. <i>Tetrahedron Letters</i> , 2021, 82, 153351.	0.7	6
36	Towards the Standardization of Flow Chemistry Protocols for Organic Reactions. <i>Chemistry Methods</i> , 2021, 1, 454-467.	1.8	41

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37	Continuous Flow Synthesis of a Blocked Polyisocyanate: Process Intensification, Reaction Monitoring Via In-Line FTIR Analysis, and Comparative Life Cycle Assessment. <i>Organic Process Research and Development</i> , 2021, 25, 2367-2379.	1.3	4
38	Continuous flow asymmetric synthesis of chiral active pharmaceutical ingredients and their advanced intermediates. <i>Green Chemistry</i> , 2021, 23, 6117-6138.	4.6	62
39	<i>N</i> -Chloroamines as substrates for metal-free photochemical atom-transfer radical addition reactions in continuous flow. <i>Reaction Chemistry and Engineering</i> , 2021, 6, 2434-2441.	1.9	10
40	Enabling Techniques for Organic Synthesis. <i>Journal of Organic Chemistry</i> , 2021, 86, 14242-14244.	1.7	6
41	Challenges and Directions for Green Chemical Engineering – Role of Nanoscale Materials. , 2020, , 1-18.		11
42	Continuous photochemical benzylic bromination using <i>in situ</i> generated Br ₂ : process intensification towards optimal PMI and throughput. <i>Green Chemistry</i> , 2020, 22, 448-454.	4.6	41
43	Continuous-Flow Amide and Ester Reductions Using Neat Borane Dimethylsulfide Complex. <i>ChemSusChem</i> , 2020, 13, 1800-1807.	3.6	13
44	Organophotocatalytic <i>N</i> -Demethylation of Oxycodone Using Molecular Oxygen. <i>Chemistry - A European Journal</i> , 2020, 26, 2973-2979.	1.7	22
45	Flow Chemistry Enabling Efficient Synthesis. <i>Organic Process Research and Development</i> , 2020, 24, 1779-1780.	1.3	5
46	Frontispiece: Membrane Microreactors for the On-Demand Generation, Separation, and Reaction of Gases. <i>Chemistry - A European Journal</i> , 2020, 26, .	1.7	0
47	A novel pathway for the thermolysis of <i>N</i> -nitrosoanthranilates using flash vacuum pyrolysis leading to 7-aminophthalides. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 8371-8375.	1.5	1
48	Optimization and Scale-Up of the Continuous Flow Acetylation and Nitration of 4-Fluoro-2-methoxyaniline to Prepare a Key Building Block of Osimertinib. <i>Organic Process Research and Development</i> , 2020, 24, 2217-2227.	1.3	25
49	Telescoped Continuous Flow Synthesis of Optically Active ¹³ -Nitrobutyric Acids as Key Intermediates of Baclofen, Phenibut, and Fluorophenibut. <i>Organic Letters</i> , 2020, 22, 8122-8126.	2.4	45
50	Oscillatory flow reactors for synthetic chemistry applications. <i>Journal of Flow Chemistry</i> , 2020, 10, 475-490.	1.2	69
51	Electrochemical <i>N</i> -Demethylation of 14-Hydroxy Morphinans: Sustainable Access to Opioid Antagonists. <i>Organic Letters</i> , 2020, 22, 6891-6896.	2.4	17
52	Optimization and sustainability assessment of a continuous flow Ru-catalyzed ester hydrogenation for an important precursor of a ¹² -adrenergic receptor agonist. <i>Green Chemistry</i> , 2020, 22, 5762-5770.	4.6	16
53	A High-Yielding Synthesis of EIDD ²⁸⁰¹ from Uridine**. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 6736-6739.	1.2	29
54	Continuous Flow <i>C</i> -Glycosylation via Metal-Halogen Exchange: Process Understanding and Improvements toward Efficient Manufacturing of Remdesivir. <i>Organic Process Research and Development</i> , 2020, 24, 2362-2368.	1.3	29

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55	Organomagnesium Based Flash Chemistry: Continuous Flow Generation and Utilization of Halomethylmagnesium Intermediates. <i>Organic Letters</i> , 2020, 22, 7537-7541.	2.4	21
56	Continuous flow synthesis of arylhydrazines <i>via</i> nickel/photoredox coupling of <i>tert</i> -butyl carbazate with aryl halides. <i>Chemical Communications</i> , 2020, 56, 14621-14624.	2.2	9
57	On the Regioselectivity of the Gould–Jacobs Reaction: Gas-Phase Versus Solution-Phase Thermolysis. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 7051-7061.	1.2	5
58	A modular 3D printed isothermal heat flow calorimeter for reaction calorimetry in continuous flow. <i>Reaction Chemistry and Engineering</i> , 2020, 5, 1410-1420.	1.9	13
59	The Concept of Chemical Generators: On-Site On-Demand Production of Hazardous Reagents in Continuous Flow. <i>Accounts of Chemical Research</i> , 2020, 53, 1330-1341.	7.6	98
60	Multikilogram per Hour Continuous Photochemical Benzylic Brominations Applying a Smart Dimensioning Scale-up Strategy. <i>Organic Process Research and Development</i> , 2020, 24, 2208-2216.	1.3	50
61	Continuous flow synthesis of aryl aldehydes by Pd-catalyzed formylation of phenol-derived aryl fluorosulfonates using syngas. <i>RSC Advances</i> , 2020, 10, 22449-22453.	1.7	10
62	A Continuous Flow Cell for High-Temperature/High-Pressure Electroorganic Synthesis. <i>ChemElectroChem</i> , 2020, 7, 2777-2783.	1.7	9
63	Membrane Microreactors for the On-Demand Generation, Separation, and Reaction of Gases. <i>Chemistry - A European Journal</i> , 2020, 26, 13108-13117.	1.7	19
64	Acyl azide generation and amide bond formation in continuous-flow for the synthesis of peptides. <i>Reaction Chemistry and Engineering</i> , 2020, 5, 645-650.	1.9	12
65	Continuous-Flow Synthesis of ZIF-8 Biocomposites with Tunable Particle Size. <i>Angewandte Chemie</i> , 2020, 132, 8200-8204.	1.6	21
66	Translating batch electrochemistry to single-pass continuous flow conditions: an organic chemist's guide. <i>Journal of Flow Chemistry</i> , 2020, 10, 181-190.	1.2	79
67	Multivariate analysis of inline benchtop NMR data enables rapid optimization of a complex nitration in flow. <i>Reaction Chemistry and Engineering</i> , 2020, 5, 677-684.	1.9	34
68	Phase dependent encapsulation and release profile of ZIF-based biocomposites. <i>Chemical Science</i> , 2020, 11, 3397-3404.	3.7	70
69	Continuous-Flow Synthesis of ZIF-8 Biocomposites with Tunable Particle Size. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 8123-8127.	7.2	55
70	An oscillatory plug flow photoreactor facilitates semi-heterogeneous dual nickel/carbon nitride photocatalytic C–N couplings. <i>Reaction Chemistry and Engineering</i> , 2020, 5, 597-604.	1.9	68
71	The Use of Molecular Oxygen for Liquid Phase Aerobic Oxidations in Continuous Flow. <i>Topics in Current Chemistry Collections</i> , 2020, , 67-110.	0.2	5
72	Recent advances toward sustainable flow photochemistry. <i>Current Opinion in Green and Sustainable Chemistry</i> , 2020, 25, 100351.	3.2	60

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73	My Twenty Years in Microwave Chemistry: From Kitchen Ovens to Microwaves that aren't Microwaves. <i>Chemical Record</i> , 2019, 19, 15-39.	2.9	55
74	Implementing Hydrogen Atom Transfer (HAT) Catalysis for Rapid and Selective Reductive Photoredox Transformations in Continuous Flow. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 5807-5811.	1.2	20
75	Scalable Wolff-Kishner Reductions in Extreme Process Windows Using a Silicon Carbide Flow Reactor. <i>Organic Process Research and Development</i> , 2019, 23, 2445-2455.	1.3	22
76	Oxygen sensors for flow reactors – measuring dissolved oxygen in organic solvents. <i>Reaction Chemistry and Engineering</i> , 2019, 4, 2081-2087.	1.9	5
77	Cathodic C-H Trifluoromethylation of Arenes and Heteroarenes Enabled by an in Situ-Generated Triflyltriethylammonium Complex. <i>Organic Letters</i> , 2019, 21, 7970-7975.	2.4	47
78	Development of customized 3D printed stainless steel reactors with inline oxygen sensors for aerobic oxidation of Grignard reagents in continuous flow. <i>Reaction Chemistry and Engineering</i> , 2019, 4, 393-401.	1.9	35
79	Continuous generation, in-line quantification and utilization of nitrosyl chloride in photonitrosation reactions. <i>Reaction Chemistry and Engineering</i> , 2019, 4, 738-746.	1.9	23
80	Towards a Scalable Synthesis of Oxabicyclo[2.2.0]hexane Using Flow Photochemistry. <i>ChemPhotoChem</i> , 2019, 3, 229-232.	1.5	15
81	Continuous-flow protocol for the synthesis of enantiomerically pure intermediates of anti epilepsy and anti tuberculosis active pharmaceutical ingredients. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 1552-1557.	1.5	15
82	Photochemical benzylic bromination in continuous flow using BrCCl ₃ and its application to telescoped p-methoxybenzyl protection. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 1384-1388.	1.5	13
83	HCN on Tap: On-Demand Continuous Production of Anhydrous HCN for Organic Synthesis. <i>Organic Letters</i> , 2019, 21, 5326-5330.	2.4	19
84	Visible-Light-Mediated Iodoperfluoroalkylation of Alkenes in Flow and Its Application to the Synthesis of a Key Fulvestrant Intermediate. <i>Organic Letters</i> , 2019, 21, 5341-5345.	2.4	81
85	Design and Optimization of a Continuous Stirred Tank Reactor Cascade for Membrane-Based Diazomethane Production: Synthesis of \pm -Chloroketones. <i>Organic Process Research and Development</i> , 2019, 23, 1359-1368.	1.3	19
86	On the reactivity of anodically generated trifluoromethyl radicals toward aryl alkynes in organic/aqueous media. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 3529-3537.	1.5	20
87	Laboratory of the future: a modular flow platform with multiple integrated PAT tools for multistep reactions. <i>Reaction Chemistry and Engineering</i> , 2019, 4, 1571-1578.	1.9	90
88	Visible Light-Promoted Beckmann Rearrangements: Separating Sequential Photochemical and Thermal Phenomena in a Continuous Flow Reactor. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 2163-2171.	1.2	21
89	Enhanced mixing of biphasic liquid-liquid systems for the synthesis of gem-dihalocyclopropanes using packed bed reactors. <i>Journal of Flow Chemistry</i> , 2019, 9, 27-34.	1.2	15
90	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

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91	Continuous Flow Synthesis of Terminal Epoxides from Ketones Using in Situ Generated Bromomethyl Lithium. <i>Organic Letters</i> , 2019, 21, 10094-10098.	2.4	22
92	Multigram-scale flow synthesis of the chiral key intermediate of (S)-paroxetine enabled by solvent-free heterogeneous organocatalysis. <i>Chemical Science</i> , 2019, 10, 11141-11146.	3.7	56
93	Finding the Perfect Match: A Combined Computational and Experimental Study toward Efficient and Scalable Photosensitized [2 + 2] Cycloadditions in Flow. <i>Organic Process Research and Development</i> , 2019, 23, 78-87.	1.3	52
94	Continuous-Flow Pd-Catalyzed Carbonylation of Aryl Chlorides with Carbon Monoxide at Elevated Temperature and Pressure. <i>ChemCatChem</i> , 2019, 11, 997-1001.	1.8	4
95	The Use of Molecular Oxygen for Liquid Phase Aerobic Oxidations in Continuous Flow. <i>Topics in Current Chemistry</i> , 2019, 377, 2.	3.0	99
96	Continuous-flow Synthesis of Aryl Aldehydes by Pd-catalyzed Formylation of Aryl Bromides Using Carbon Monoxide and Hydrogen. <i>ChemSusChem</i> , 2019, 12, 326-337.	3.6	15
97	Process Intensification and Integration Studies for the Generation of a Key Aminoimidazole Intermediate in the Synthesis of Lanabecestat. <i>Organic Process Research and Development</i> , 2018, 22, 633-640.	1.3	4
98	The journal of flow chemistry “ off to a new start. <i>Journal of Flow Chemistry</i> , 2018, 8, 1-1.	1.2	0
99	Continuous flow multistep synthesis of α -functionalized esters via lithium enolate intermediates. <i>Tetrahedron</i> , 2018, 74, 3113-3117.	1.0	16
100	Utilization of fluoroform for difluoromethylation in continuous flow: a concise synthesis of α -difluoromethyl-amino acids. <i>Green Chemistry</i> , 2018, 20, 108-112.	4.6	35
101	Sequential α -lithiation and aerobic oxidation of an arylacetic acid - continuous-flow synthesis of cyclopentyl mandelic acid. <i>Journal of Flow Chemistry</i> , 2018, 8, 109-116.	1.2	12
102	Catalyst-Free Oxytrifluoromethylation of Alkenes through Paired Electrolysis in Organic-Aqueous Media. <i>Chemistry - A European Journal</i> , 2018, 24, 17234-17238.	1.7	61
103	Scalable Continuous Flow Process for the Synthesis of Eflornithine Using Fluoroform as Difluoromethyl Source. <i>Organic Process Research and Development</i> , 2018, 22, 1553-1563.	1.3	35
104	Continuous multistep synthesis of 2-(azidomethyl)oxazoles. <i>Beilstein Journal of Organic Chemistry</i> , 2018, 14, 506-514.	1.3	14
105	Continuous Flow Photochemical Benzylic Bromination of a Key Intermediate in the Synthesis of a 2-Oxazolidinone. <i>ChemPhotoChem</i> , 2018, 2, 906-912.	1.5	17
106	Design and construction of an open source-based photometer and its applications in flow chemistry. <i>Reaction Chemistry and Engineering</i> , 2018, 3, 478-486.	1.9	14
107	Kreislaufwirtschaft: Industrieabfall als Rohstoff. <i>Nachrichten Aus Der Chemie</i> , 2018, 66, 511-513.	0.0	0
108	Continuous flow synthesis of indoles by Pd-catalyzed deoxygenation of 2-nitrostilbenes with carbon monoxide. <i>RSC Advances</i> , 2017, 7, 10469-10478.	1.7	19

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109	A Continuous-Flow Process for Palladium-Catalyzed Olefin Cleavage by using Oxygen within the Explosive Regime. <i>ChemCatChem</i> , 2017, 9, 3298-3302.	1.8	21
110	Reaction Calorimetry in Microreactor Environments—Measuring Heat of Reaction by Isothermal Heat Flux Calorimetry. <i>Organic Process Research and Development</i> , 2017, 21, 763-770.	1.3	24
111	Design and Development of Pd-Catalyzed Aerobic <i>N</i> -Demethylation Strategies for the Synthesis of Noroxymorphone in Continuous Flow Mode. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 914-927.	1.2	19
112	Halogenation of organic compounds using continuous flow and microreactor technology. <i>Reaction Chemistry and Engineering</i> , 2017, 2, 7-19.	1.9	93
113	Hydrogen sulfide chemistry in continuous flow: Efficient synthesis of 2-oxopropanethioamide. <i>Journal of Flow Chemistry</i> , 2017, 7, 29-32.	1.2	6
114	Development of a Continuous-Flow Sonogashira Cross-Coupling Protocol using Propyne Gas under Process Intensified Conditions. <i>Organic Process Research and Development</i> , 2017, 21, 878-884.	1.3	22
115	Why flow means green — Evaluating the merits of continuous processing in the context of sustainability. <i>Current Opinion in Green and Sustainable Chemistry</i> , 2017, 7, 6-12.	3.2	124
116	Continuous Flow Synthesis of a Key 1,4-Benzoxazinone Intermediate via a Nitration/Hydrogenation/Cyclization Sequence. <i>Organic Process Research and Development</i> , 2017, 21, 125-132.	1.3	25
117	Lab-scale production of anhydrous diazomethane using membrane separation technology. <i>Nature Protocols</i> , 2017, 12, 2138-2147.	5.5	39
118	Integration of Bromine and Cyanogen Bromide Generators for the Continuous-Flow Synthesis of Cyclic Guanidines. <i>Angewandte Chemie</i> , 2017, 129, 13974-13977.	1.6	7
119	Integration of Bromine and Cyanogen Bromide Generators for the Continuous-Flow Synthesis of Cyclic Guanidines. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 13786-13789.	7.2	43
120	Synthesis of Mepivacaine and Its Analogues by a Continuous-Flow Tandem Hydrogenation/Reductive Amination Strategy. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 6511-6517.	1.2	27
121	Forbidden chemistries — paths to a sustainable future engaging continuous processing. <i>Journal of Flow Chemistry</i> , 2017, 7, 65-71.	1.2	82
122	Design and 3D printing of a stainless steel reactor for continuous difluoromethylations using fluoroform. <i>Reaction Chemistry and Engineering</i> , 2017, 2, 919-927.	1.9	73
123	Continuous Flow Synthesis of Carbonylated Heterocycles via Pd-Catalyzed Oxidative Carbonylation Using CO and O ₂ at Elevated Temperatures and Pressures. <i>Organic Process Research and Development</i> , 2017, 21, 1080-1087.	1.3	32
124	An Integrated Continuous-Flow Synthesis of a Key Oxazolidine Intermediate to Noroxymorphone from Naturally Occurring Opioids. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 6505-6510.	1.2	17
125	The Use of Molecular Oxygen in Pharmaceutical Manufacturing: Is Flow the Way to Go?. <i>ChemSusChem</i> , 2017, 10, 32-41.	3.6	104
126	Continuous Flow Homolytic Aromatic Substitution with Electrophilic Radicals: A Fast and Scalable Protocol for Trifluoromethylation. <i>Chemistry - A European Journal</i> , 2017, 23, 176-186.	1.7	31

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127	A special perspectives issue on the future of flow chemistry. <i>Journal of Flow Chemistry</i> , 2017, 7, 59.	1.2	0
128	Continuous-flow difluoromethylation with chlorodifluoromethane under biphasic conditions. <i>Journal of Flow Chemistry</i> , 2017, 7, 46-51.	1.2	12
129	Front Cover: An Integrated Continuous-Flow Synthesis of a Key Oxazolidine Intermediate to Noroxymorphone from Naturally Occurring Opioids (<i>Eur. J. Org. Chem.</i> 44/2017). <i>European Journal of Organic Chemistry</i> , 2017, 2017, 6462-6462.	1.2	0
130	Laboratory-Scale Membrane Reactor for the Generation of Anhydrous Diazomethane. <i>Journal of Organic Chemistry</i> , 2016, 81, 5814-5823.	1.7	52
131	One-pot synthesis of α -haloketones employing a membrane-based semibatch diazomethane generator. <i>Journal of Flow Chemistry</i> , 2016, 6, 211-217.	1.2	16
132	Diazo Strategy for the Synthesis of Pyridazines: Pivotal Impact of the Configuration of the Diazo Precursor on the Process. <i>Chemistry - A European Journal</i> , 2016, 22, 174-184.	1.7	10
133	A laboratory-scale continuous flow chlorine generator for organic synthesis. <i>Reaction Chemistry and Engineering</i> , 2016, 1, 472-476.	1.9	43
134	Continuous-Flow Electrophilic Amination of Arenes and Schmidt Reaction of Carboxylic Acids Utilizing the Superacidic Trimethylsilyl Azide/Triflic Acid Reagent System. <i>Journal of Organic Chemistry</i> , 2016, 81, 9372-9380.	1.7	11
135	Toward the Synthesis of Noroxymorphone via Aerobic Palladium-Catalyzed Continuous Flow <i>N</i> -Demethylation Strategies. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 6048-6061.	3.2	36
136	Design and Performance Validation of a Conductively Heated Sealed-Vessel Reactor for Organic Synthesis. <i>Journal of Organic Chemistry</i> , 2016, 81, 11788-11801.	1.7	39
137	Batch- and Continuous-Flow Aerobic Oxidation of 14-Hydroxy Opioids to 1,3-Oxazolidines: A Concise Synthesis of Noroxymorphone. <i>Chemistry - A European Journal</i> , 2016, 22, 10393-10398.	1.7	34
138	Safe generation and use of bromine azide under continuous flow conditions: selective 1,2-bromoazidation of olefins. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 853-857.	1.5	30
139	Copper/Nafion-Catalyzed Hydroarylation Process Involving Ketenimine Intermediates: A Novel and Synthetic Approach to α -Sulfonamidoquinoline-2-ones and Derivatives Thereof. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 50-55.	2.1	21
140	Visible-light photoredox catalysis using a macromolecular ruthenium complex: reactivity and recovery by size-exclusion nanofiltration in continuous flow. <i>Catalysis Science and Technology</i> , 2016, 6, 4695-4699.	2.1	28
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