C Oliver Kappe

List of Publications by Year
in descending order

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506 papers	38,005 citations	3933 88 h-index	4342 173 g-index
666 all docs	666 docs citations	666 times ranked	22889 citing authors

#	Article	IF	Citations
1	Scalable continuous flow hydrogenations using Pd/Al2O3-coated rectangular cross-section 3D-printed static mixers. Catalysis Today, 2022, 383, 55-63.	4.4	24
2	Chemoselective Electrochemical Oxidation of Secondary Alcohols Using a Recyclable Chloride-Based Mediator. Synlett, 2022, 33, 166-170.	1.8	4
3	Automated and continuous synthesis of drug substances. Chemical Engineering Research and Design, 2022, 177, 493-501.	5.6	6
4	Enantioselective Flow Synthesis of Rolipram Enabled by a Telescoped Asymmetric Conjugate Additionâ€“Oxidative Aldehyde Esterification Sequence Using in Situ-Generated Persulfuric Acid as Oxidant. Organic Letters, 2022, 24, 1066-1071.	4.6	19
5	Autonomous Multiâ€Step and Multiâ€Objective Optimization Facilitated by Realâ€Time Process Analytics. Advanced Science, 2022, 9, e2105547.	11.2	37
6	Practical Guidelines for the Safe Use of Fluorine Gas Employing Continuous Flow Technology. Journal of Chemical Health and Safety, 2022, 29, 165-174.	2.1	12
7	Automated flow and real-time analytics approach for screening functional group tolerance in heterogeneous catalytic reactions. Catalysis Science and Technology, 2022, 12, 1799-1811.	4.1	6
8	Photochemical Deracemization of a Medicinallyâ€Relevant Benzopyran using an Oscillatory Flow Reactor. Chemistry - A European Journal, 2022, 28, .	3.3	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. Organic Process Research and Development, 2022, 26, 1486-1495.	2.7	17
11	Nâ€Hydroxyphthalimide Catalyzed Aerobic Oxidation of Aldehydes under Continuous Flow Conditions. Advanced Synthesis and Catalysis, 2022, 364, 1998-2008.	4.3	9
12	Sustainable Synthesis of Noroxymorphone via a Key Electrochemical N-Demethylation Step. ACS Sustainable Chemistry and Engineering, 2022, 10, 8988-8996.	6.7	5
13	Continuous flow processing of bismuth-photocatalyzed atom transfer radical addition reactions using an oscillatory flow reactor. Green Chemistry, 2021, 23, 2685-2693.	9.0	28
14	A continuous flow bromodimethylsulfonium bromide generator: application to the synthesis of 2-arylaziridines from styrenes. Journal of Flow Chemistry, 2021, 11, 117-125.	1.9	9
15	Flow Technology for Telescoped Generation, Lithiation and Electrophilic (C₃) Functionalization of Highly Strained 1â€Azabicyclo[1.1.0]butanes. Angewandte Chemie - International Edition, 2021, 60, 6395-6399.	13.8	28
16	Flow Technology for Telescoped Generation, Lithiation and Electrophilic (C 3) Functionalization of Highly Strained 1â€Azabicyclo[1.1.0]butanes. Angewandte Chemie, 2021, 133, 6465-6469.	2.0	11
17	Development and Assembly of a Flow Cell for Singleâ€Pass Continuous Electroorganic Synthesis Using Laserâ€Cut Components. Chemistry Methods, 2021, 1, 36-41.	3.8	19
18	Continuous flow heterogeneous catalytic reductive aminations under aqueous micellar conditions enabled by an oscillatory plug flow reactor. Green Chemistry, 2021, 23, 5625-5632.	9.0	19

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19	Sustainable electrochemical decarboxylative acetoxylation of aminoacids in batch and continuous flow. Green Chemistry, 2021, 23, 2382-2390.	9.0	18
20	Process intensification of ozonolysis reactions using dedicated microstructured reactors. Reaction Chemistry and Engineering, 2021, 6, 2253-2258.	3.7	13
21	Flash Chemistry Approach to Organometallic C-Glycosylation for the Synthesis of Remdesivir. Organic Process Research and Development, 2021, 25, 1015-1021.	2.7	25
22	Oneâ€pot multistep electrochemical strategy for the modular synthesis of epoxides, glycols, and aldehydes from alkenes. Electrochemical Science Advances, 2021, 1, e2100002.	2.8	8
23	Advanced Realâ€Time Process Analytics for Multistep Synthesis in Continuous Flow**. Angewandte Chemie, 2021, 133, 8220-8229.	2.0	19
24	Advanced Realâ€Time Process Analytics for Multistep Synthesis in Continuous Flow**. Angewandte Chemie - International Edition, 2021, 60, 8139-8148.	13.8	98
25	Electrochemically Enabled Oneâ€Pot Multistep Synthesis of C19 Androgen Steroids. Chemistry - A European Journal, 2021, 27, 6044-6049.	3.3	5
26	RÃ¼cktitelbild: Advanced Realâ€Time Process Analytics for Multistep Synthesis in Continuous Flow (Angew. Chem. 15/2021). Angewandte Chemie, 2021, 133, 8640-8640.	2.0	0
27	Synthesis of the Lipophilic Amine Tail of Abediterol Enabled by Multiphase Flow Transformations. Organic Process Research and Development, 2021, 25, 947-959.	2.7	8
28	Intensified Continuous Flow Synthesis and Workup of 1,5-Disubstituted Tetrazoles Enhanced by Real-Time Process Analytics. Organic Process Research and Development, 2021, 25, 1206-1214.	2.7	15
29	Sustainable Aldehyde Oxidations in Continuous Flow Using in Situ-Generated Performic Acid. ACS Sustainable Chemistry and Engineering, 2021, 9, 5519-5525.	6.7	15
30	Comparative Life Cycle Assessment of Different Production Processes for Waterborne Polyurethane Dispersions. ACS Sustainable Chemistry and Engineering, 2021, 9, 8980-8989.	6.7	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. Chemical Engineering Journal, 2021, 416, 129045.	12.7	14
32	Catalytic Static Mixer-Enabled Hydrogenation of a Key Fenebrutinib Intermediate: Real-Time Analysis for a Stable and Scalable Process. Organic Process Research and Development, 2021, 25, 1988-1995.	2.7	12
33	Electrochemical Î±-Arylation of Ketones via Anodic Oxidation of In Situ Generated Silyl Enol Ethers. Journal of Organic Chemistry, 2021, 86, 16026-16034.	3.2	2
34	A small footprint oxycodone generator based on continuous flow technology and real-time analytics. Journal of Flow Chemistry, 2021, 11, 707-715.	1.9	1
35	Telescoped lithiation, C-arylation and methoxylation in flow-batch hybrid toward the synthesis of canagliflozin. Tetrahedron Letters, 2021, 82, 153351.	1.4	6
36	Towards the Standardization of Flow Chemistry Protocols for Organic Reactions. Chemistry Methods, 2021, 1, 454-467.	3.8	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. Organic Process Research and Development, 2021, 25, 2367-2379.	2.7	4
38	Continuous flow asymmetric synthesis of chiral active pharmaceutical ingredients and their advanced intermediates. Green Chemistry, 2021, 23, 6117-6138.	9.0	62
39	N-Chloroamines as substrates for metal-free photochemical atom-transfer radical addition reactions in continuous flow. Reaction Chemistry and Engineering, 2021, 6, 2434-2441.	3.7	10
40	Enabling Techniques for Organic Synthesis. Journal of Organic Chemistry, 2021, 86, 14242-14244.	3.2	6
41	Challenges and Directions for Green Chemical Engineeringâ€"Role of Nanoscale Materials. , 2020, , 1-18.		11
42	Continuous photochemical benzylic bromination using in situ generated Br₂: process intensification towards optimal PMI and throughput. Green Chemistry, 2020, 22, 448-454.	9.0	41
43	Continuousâ€Flow Amide and Ester Reductions Using Neat Borane Dimethylsulfide Complex. ChemSusChem, 2020, 13, 1800-1807.	6.8	13
44	Organophotocatalytic Nâ€Demethylation of Oxycodone Using Molecular Oxygen. Chemistry - A European Journal, 2020, 26, 2973-2979.	3.3	22
45	Flow Chemistry Enabling Efficient Synthesis. Organic Process Research and Development, 2020, 24, 1779-1780.	2.7	5
46	Frontispiece: Membrane Microreactors for the Onâ€Demand Generation, Separation, and Reaction of Gases. Chemistry - A European Journal, 2020, 26, .	3.3	0
47	A novel pathway for the thermolysis of N-nitrosoanthranilates using flash vacuum pyrolysis leading to 7-aminophthalides. Organic and Biomolecular Chemistry, 2020, 18, 8371-8375.	2.8	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. Organic Process Research and Development, 2020, 24, 2217-2227.	2.7	25
49	Telescoped Continuous Flow Synthesis of Optically Active Î³-Nitrobutyric Acids as Key Intermediates of Baclofen, Phenibut, and Fluorophenibut. Organic Letters, 2020, 22, 8122-8126.	4.6	45
50	Oscillatory flow reactors for synthetic chemistry applications. Journal of Flow Chemistry, 2020, 10, 475-490.	1.9	69
51	Electrochemical N-Demethylation of 14-Hydroxy Morphinans: Sustainable Access to Opioid Antagonists. Organic Letters, 2020, 22, 6891-6896.	4.6	17
52	Optimization and sustainability assessment of a continuous flow Ru-catalyzed ester hydrogenation for an important precursor of a Î²2-adrenergic receptor agonist. Green Chemistry, 2020, 22, 5762-5770.	9.0	16
53	A Highâ€Yielding Synthesis of EIDDâ€2801 from Uridine**. European Journal of Organic Chemistry, 2020, 2020, 6736-6739.	2.4	29
54	Continuous Flow C-Glycosylation via Metalâ€"Halogen Exchange: Process Understanding and Improvements toward Efficient Manufacturing of Remdesivir. Organic Process Research and Development, 2020, 24, 2362-2368.	2.7	29

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55	Organomagnesium Based Flash Chemistry: Continuous Flow Generation and Utilization of Halomethylmagnesium Intermediates. Organic Letters, 2020, 22, 7537-7541.	4.6	21
56	Continuous flow synthesis of arylhydrazines via nickel/photoredox coupling of tert-butyl carbazate with aryl halides. Chemical Communications, 2020, 56, 14621-14624.	4.1	9
57	On the Regioselectivity of the Gouldâ€“Jacobs Reaction: Gasâ€Phase Versus Solutionâ€Phase Thermolysis. European Journal of Organic Chemistry, 2020, 2020, 7051-7061.	2.4	5
58	A modular 3D printed isothermal heat flow calorimeter for reaction calorimetry in continuous flow. Reaction Chemistry and Engineering, 2020, 5, 1410-1420.	3.7	13
59	The Concept of Chemical Generators: On-Site On-Demand Production of Hazardous Reagents in Continuous Flow. Accounts of Chemical Research, 2020, 53, 1330-1341.	15.6	98
60	Multikilogram per Hour Continuous Photochemical Benzylic Brominations Applying a Smart Dimensioning Scale-up Strategy. Organic Process Research and Development, 2020, 24, 2208-2216.	2.7	50
61	Continuous flow synthesis of aryl aldehydes by Pd-catalyzed formylation of phenol-derived aryl fluorosulfonates using syngas. RSC Advances, 2020, 10, 22449-22453.	3.6	10
62	A Continuous Flow Cell for Highâ€Temperature/Highâ€Pressure Electroorganic Synthesis. ChemElectroChem, 2020, 7, 2777-2783.	3.4	9
63	Membrane Microreactors for the Onâ€Demand Generation, Separation, and Reaction of Gases. Chemistry - A European Journal, 2020, 26, 13108-13117.	3.3	19
64	Acyl azide generation and amide bond formation in continuous-flow for the synthesis of peptides. Reaction Chemistry and Engineering, 2020, 5, 645-650.	3.7	12
65	Continuousâ€Flow Synthesis of ZIFâ€8 Biocomposites with Tunable Particle Size. Angewandte Chemie, 2020, 132, 8200-8204.	2.0	21
66	Translating batch electrochemistry to single-pass continuous flow conditions: an organic chemistâ€™s guide. Journal of Flow Chemistry, 2020, 10, 181-190.	1.9	79
67	Multivariate analysis of inline benchtop NMR data enables rapid optimization of a complex nitration in flow. Reaction Chemistry and Engineering, 2020, 5, 677-684.	3.7	34
68	Phase dependent encapsulation and release profile of ZIF-based biocomposites. Chemical Science, 2020, 11, 3397-3404.	7.4	70
69	Continuousâ€Flow Synthesis of ZIFâ€8 Biocomposites with Tunable Particle Size. Angewandte Chemie - International Edition, 2020, 59, 8123-8127.	13.8	55
70	An oscillatory plug flow photoreactor facilitates semi-heterogeneous dual nickel/carbon nitride photocatalytic Câ€“N couplings. Reaction Chemistry and Engineering, 2020, 5, 597-604.	3.7	68
71	The Use of Molecular Oxygen for Liquid Phase Aerobic Oxidations in Continuous Flow. Topics in Current Chemistry Collections, 2020, , 67-110.	0.5	5
72	Recent advances toward sustainable flow photochemistry. Current Opinion in Green and Sustainable Chemistry, 2020, 25, 100351.	5.9	60

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73	My Twenty Years in Microwave Chemistry: From Kitchen Ovens to Microwaves that aren't Microwaves. Chemical Record, 2019, 19, 15-39.	5.8	55
74	Implementing Hydrogen Atom Transfer (HAT) Catalysis for Rapid and Selective Reductive Photoredox Transformations in Continuous Flow. European Journal of Organic Chemistry, 2019, 2019, 5807-5811.	2.4	20
75	Scalable Wolffâ€“Kishner Reductions in Extreme Process Windows Using a Silicon Carbide Flow Reactor. Organic Process Research and Development, 2019, 23, 2445-2455.	2.7	22
76	Oxygen sensors for flow reactors â€“ measuring dissolved oxygen in organic solvents. Reaction Chemistry and Engineering, 2019, 4, 2081-2087.	3.7	5
77	Cathodic Câ€“H Trifluoromethylation of Arenes and Heteroarenes Enabled by an in Situ-Generated Triflyltriethylammonium Complex. Organic Letters, 2019, 21, 7970-7975.	4.6	47
78	Development of customized 3D printed stainless steel reactors with inline oxygen sensors for aerobic oxidation of Grignard reagents in continuous flow. Reaction Chemistry and Engineering, 2019, 4, 393-401.	3.7	35
79	Continuous generation, in-line quantification and utilization of nitrosyl chloride in photonitrosation reactions. Reaction Chemistry and Engineering, 2019, 4, 738-746.	3.7	23
80	Towards a Scalable Synthesis of 2â€Oxabicyclo[2.2.0]hexâ€5â€enâ€3â€one Using Flow Photochemistry. ChemPhotoChem, 2019, 3, 229-232.	3.0	15
81	Continuous-flow protocol for the synthesis of enantiomerically pure intermediates of anti epilepsy and anti tuberculosis active pharmaceutical ingredients. Organic and Biomolecular Chemistry, 2019, 17, 1552-1557.	2.8	15
82	Photochemical benzylic bromination in continuous flow using BrCCl3 and its application to telescoped p-methoxybenzyl protection. Organic and Biomolecular Chemistry, 2019, 17, 1384-1388.	2.8	13
83	HCN on Tap: On-Demand Continuous Production of Anhydrous HCN for Organic Synthesis. Organic Letters, 2019, 21, 5326-5330.	4.6	19
84	Visible-Light-Mediated Iodoperfluoroalkylation of Alkenes in Flow and Its Application to the Synthesis of a Key Fulvestrant Intermediate. Organic Letters, 2019, 21, 5341-5345.	4.6	81
85	Design and Optimization of a Continuous Stirred Tank Reactor Cascade for Membrane-Based Diazomethane Production: Synthesis of Î±-Chloroketones. Organic Process Research and Development, 2019, 23, 1359-1368.	2.7	19
86	On the reactivity of anodically generated trifluoromethyl radicals toward aryl alkynes in organic/aqueous media. Organic and Biomolecular Chemistry, 2019, 17, 3529-3537.	2.8	20
87	Laboratory of the future: a modular flow platform with multiple integrated PAT tools for multistep reactions. Reaction Chemistry and Engineering, 2019, 4, 1571-1578.	3.7	90
88	Visible Lightâ€Promoted Beckmann Rearrangements: Separating Sequential Photochemical and Thermal Phenomena in a Continuous Flow Reactor. European Journal of Organic Chemistry, 2019, 2019, 2163-2171.	2.4	21
89	Enhanced mixing of biphasic liquid-liquid systems for the synthesis of gem-dihalocyclopropanes using packed bed reactors. Journal of Flow Chemistry, 2019, 9, 27-34.	1.9	15
90	Continuous Flow Synthesis of Methyl Oximino Acetoacetate: Accessing Greener Purification Methods with Inline Liquidâ€“Liquid Extraction and Membrane Separation Technology. ACS Sustainable Chemistry and Engineering, 2019, 7, 20088-20096.	6.7	18

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91	Continuous Flow Synthesis of Terminal Epoxides from Ketones Using in Situ Generated Bromomethyl Lithium. Organic Letters, 2019, 21, 10094-10098.	4.6	22
92	Multigram-scale flow synthesis of the chiral key intermediate of (â˜)-paroxetine enabled by solvent-free heterogeneous organocatalysis. Chemical Science, 2019, 10, 11141-11146.	7.4	56
93	Finding the Perfect Match: A Combined Computational and Experimental Study toward Efficient and Scalable Photosensitized [2 + 2] Cycloadditions in Flow. Organic Process Research and Development, 2019, 23, 78-87.	2.7	52
94	Continuousâ€Flow Pdâ€Catalyzed Carbonylation of Aryl Chlorides with Carbon Monoxide at Elevated Temperature and Pressure. ChemCatChem, 2019, 11, 997-1001.	3.7	4
95	The Use of Molecular Oxygen for Liquid Phase Aerobic Oxidations in Continuous Flow. Topics in Current Chemistry, 2019, 377, 2.	5.8	99
96	Continuousâ€flow Synthesis of Aryl Aldehydes by Pdâ€catalyzed Formylation of Aryl Bromides Using Carbon Monoxide and Hydrogen. ChemSusChem, 2019, 12, 326-337.	6.8	15
97	Process Intensification and Integration Studies for the Generation of a Key Aminoimidazole Intermediate in the Synthesis of Lanabecestat. Organic Process Research and Development, 2018, 22, 633-640.	2.7	4
98	The journal of flow chemistry â€“ off to a new start. Journal of Flow Chemistry, 2018, 8, 1-1.	1.9	0
99	Continuous flow multistep synthesis of Î±-functionalized esters via lithium enolate intermediates. Tetrahedron, 2018, 74, 3113-3117.	1.9	16
100	Utilization of fluoroform for difluoromethylation in continuous flow: a concise synthesis of Î±-difluoromethyl-amino acids. Green Chemistry, 2018, 20, 108-112.	9.0	35
101	Sequential Î±-lithiation and aerobic oxidation of an arylacetic acid - continuous-flow synthesis of cyclopentyl mandelic acid. Journal of Flow Chemistry, 2018, 8, 109-116.	1.9	12
102	Catalystâ€Free Oxytrifluoromethylation of Alkenes through Paired Electrolysis in Organicâ€Aqueous Media. Chemistry - A European Journal, 2018, 24, 17234-17238.	3.3	61
103	Scalable Continuous Flow Process for the Synthesis of Eflornithine Using Fluoroform as Difluoromethyl Source. Organic Process Research and Development, 2018, 22, 1553-1563.	2.7	35
104	Continuous multistep synthesis of 2-(azidomethyl)oxazoles. Beilstein Journal of Organic Chemistry, 2018, 14, 506-514.	2.2	14
105	Continuous Flow Photochemical Benzylic Bromination of a Key Intermediate in the Synthesis of a 2-Oxazolidinone. ChemPhotoChem, 2018, 2, 906-912.	3.0	17
106	Design and construction of an open source-based photometer and its applications in flow chemistry. Reaction Chemistry and Engineering, 2018, 3, 478-486.	3.7	14
107	Kreislaufwirtschaft: Industrieabfall als Rohstoff. Nachrichten Aus Der Chemie, 2018, 66, 511-513.	0.0	0
108	Continuous flow synthesis of indoles by Pd-catalyzed deoxygenation of 2-nitrostilbenes with carbon monoxide. RSC Advances, 2017, 7, 10469-10478.	3.6	19

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109	A Continuousâ€Flow Process for Palladiumâ€Catalyzed Olefin Cleavage by using Oxygen within the Explosive Regime. ChemCatChem, 2017, 9, 3298-3302.	3.7	21
110	Reaction Calorimetry in Microreactor Environmentsâ€"Measuring Heat of Reaction by Isothermal Heat Flux Calorimetry. Organic Process Research and Development, 2017, 21, 763-770.	2.7	24
111	Design and Development of Pdâ€Catalyzed Aerobic Nâ€Demethylation Strategies for the Synthesis of Noroxymorphone in Continuous Flow Mode. European Journal of Organic Chemistry, 2017, 2017, 914-927.	2.4	19
112	Halogenation of organic compounds using continuous flow and microreactor technology. Reaction Chemistry and Engineering, 2017, 2, 7-19.	3.7	93
113	Hydrogen sulfide chemistry in continuous flow: Efficient synthesis of 2-oxopropanethioamide. Journal of Flow Chemistry, 2017, 7, 29-32.	1.9	6
114	Development of a Continuous-Flow Sonogashira Cross-Coupling Protocol using Propyne Gas under Process Intensified Conditions. Organic Process Research and Development, 2017, 21, 878-884.	2.7	22
115	Why flow means green â€“ Evaluating the merits of continuous processing in the context of sustainability. Current Opinion in Green and Sustainable Chemistry, 2017, 7, 6-12.	5.9	124
116	Continuous Flow Synthesis of a Key 1,4-Benzoxazinone Intermediate via a Nitration/Hydrogenation/Cyclization Sequence. Organic Process Research and Development, 2017, 21, 125-132.	2.7	25
117	Lab-scale production of anhydrous diazomethane using membrane separation technology. Nature Protocols, 2017, 12, 2138-2147.	12.0	39
118	Integration of Bromine and Cyanogen Bromide Generators for the Continuousâ€Flow Synthesis of Cyclic Guanidines. Angewandte Chemie, 2017, 129, 13974-13977.	2.0	7
119	Integration of Bromine and Cyanogen Bromide Generators for the Continuousâ€Flow Synthesis of Cyclic Guanidines. Angewandte Chemie - International Edition, 2017, 56, 13786-13789.	13.8	43
120	Synthesis of Mepivacaine and Its Analogues by a Continuousâ€Flow Tandem Hydrogenation/Reductive Amination Strategy. European Journal of Organic Chemistry, 2017, 2017, 6511-6517.	2.4	27
121	Forbidden chemistries â€" paths to a sustainable future engaging continuous processing. Journal of Flow Chemistry, 2017, 7, 65-71.	1.9	82
122	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
123	Continuous Flow Synthesis of Carbonylated Heterocycles via Pd-Catalyzed Oxidative Carbonylation Using CO and O₂ at Elevated Temperatures and Pressures. Organic Process Research and Development, 2017, 21, 1080-1087.	2.7	32
124	An Integrated Continuousâ€Flow Synthesis of a Key Oxazolidine Intermediate to Noroxymorphone from Naturally Occurring Opioids. European Journal of Organic Chemistry, 2017, 2017, 6505-6510.	2.4	17
125	The Use of Molecular Oxygen in Pharmaceutical Manufacturing: Is Flow the Way to Go?. ChemSusChem, 2017, 10, 32-41.	6.8	104
126	Continuous Flow Homolytic Aromatic Substitution with Electrophilic Radicals: A Fast and Scalable Protocol for Trifluoromethylation. Chemistry - A European Journal, 2017, 23, 176-186.	3.3	31

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127	A special perspectives issue on the future of flow chemistry. Journal of Flow Chemistry, 2017, 7, 59.	1.9	0
128	Continuous-flow difluoromethylation with chlorodifluoromethane under biphasic conditions. Journal of Flow Chemistry, 2017, 7, 46-51.	1.9	12
129	Front Cover: An Integrated Continuous-Flow Synthesis of a Key Oxazolidine Intermediate to Noroxymorphone from Naturally Occurring Opioids (Eur. J. Org. Chem. 44/2017). European Journal of Organic Chemistry, 2017, 2017, 6462-6462.	2.4	0
130	Laboratory-Scale Membrane Reactor for the Generation of Anhydrous Diazomethane. Journal of Organic Chemistry, 2016, 81, 5814-5823.	3.2	52
131	One-pot synthesis of Î±-haloketones employing a membrane-based semibatch diazomethane generator. Journal of Flow Chemistry, 2016, 6, 211-217.	1.9	16
132	Diazo Strategy for the Synthesis of Pyridazines: Pivotal Impact of the Configuration of the Diazo Precursor on the Process. Chemistry - A European Journal, 2016, 22, 174-184.	3.3	10
133	A laboratory-scale continuous flow chlorine generator for organic synthesis. Reaction Chemistry and Engineering, 2016, 1, 472-476.	3.7	43
134	Continuous-Flow Electrophilic Amination of Arenes and Schmidt Reaction of Carboxylic Acids Utilizing the Superacidic Trimethylsilyl Azide/Triflic Acid Reagent System. Journal of Organic Chemistry, 2016, 81, 9372-9380.	3.2	11
135	Toward the Synthesis of Noroxymorphone via Aerobic Palladium-Catalyzed Continuous Flow N-Demethylation Strategies. ACS Sustainable Chemistry and Engineering, 2016, 4, 6048-6061.	6.7	36
136	Design and Performance Validation of a Conductively Heated Sealed-Vessel Reactor for Organic Synthesis. Journal of Organic Chemistry, 2016, 81, 11788-11801.	3.2	39
137	Batchâ€and Continuousâ€Flow Aerobic Oxidation of 14â€Hydroxy Opioids to 1,3â€Oxazolidinesâ€”A Concise Synthesis of Noroxymorphone. Chemistry - A European Journal, 2016, 22, 10393-10398.	3.3	34
138	Safe generation and use of bromine azide under continuous flow conditions â€“ selective 1,2-bromoazidation of olefins. Organic and Biomolecular Chemistry, 2016, 14, 853-857.	2.8	30
139	Copper/Nafionâ€Catalyzed Hydroarylation Process Involving Ketenimine Intermediates: A Novel and Synthetic Approach to 4â€Sulfonamidoquinolineâ€2â€ones and Derivatives Thereof. Advanced Synthesis and Catalysis, 2016, 358, 50-55.	4.3	21
140	Visible-light photoredox catalysis using a macromolecular ruthenium complex: reactivity and recovery by size-exclusion nanofiltration in continuous flow. Catalysis Science and Technology, 2016, 6, 4695-4699.	4.1	28
141	Generation and Synthetic Application of Trifluoromethyl Diazomethane Utilizing Continuous Flow Technologies. Organic Letters, 2016, 18, 1076-1079.	4.6	82
142	Selective Olefin Reduction in Thebaine Using Hydrazine Hydrate and O₂ under Intensified Continuous Flow Conditions. Organic Process Research and Development, 2016, 20, 376-385.	2.7	17
143	Continuousâ€Flow Technologyâ€”A Tool for the Safe Manufacturing of Active Pharmaceutical Ingredients. Angewandte Chemie - International Edition, 2015, 54, 6688-6728.	13.8	1,164
144	Lightâ€Induced Cï¿½H Arylation of (Hetero)arenes by In Situ Generated Diazo Anhydrides. Chemistry - A European Journal, 2015, 21, 12894-12898.	3.3	47

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145	Nafionâ€Hâ€Catalyzed Highâ€Temperature/Highâ€Pressure Synthesis of a Triarylmethane in Continuousâ€Flow Mode. Chemical Engineering and Technology, 2015, 38, 1743-1748.	1.5	5
146	Process Intensified Flow Synthesis of 1H-4-Substituted Imidazoles: Toward the Continuous Production of Daclatasvir. ACS Sustainable Chemistry and Engineering, 2015, 3, 3445-3453.	6.7	37
147	Continuous Synthesis of Hydantoins: Intensifying the Buchererâ€“Bergs Reaction. Synlett, 2015, 27, 83-87.	1.8	18
148	Continuous Flow Preparation of Iron Oxide Nanoparticles Supported on Porous Silicates. ChemCatChem, 2015, 7, 276-282.	3.7	6
149	Covalent adduct formation between the plasmalogen-derived modification product 2-chlorohexadecanal and phloretin. Biochemical Pharmacology, 2015, 93, 470-481.	4.4	7
150	Benchmarking Immobilized Di- and Triarylphosphine Palladium Catalysts for Continuous-Flow Cross-Coupling Reactions: Efficiency, Durability, and Metal Leaching Studies. ACS Catalysis, 2015, 5, 1303-1312.	11.2	65
151	Continuous Flow Reduction of Artemisinic Acid Utilizing Multiâ€Injection Strategiesâ€”Closing the Gap Towards a Fully Continuous Synthesis of Antimalarial Drugs. Chemistry - A European Journal, 2015, 21, 4368-4376.	3.3	37
152	Chiral Chlorohydrins from the Biocatalyzed Reduction of Chloroketones: Chiral Building Blocks for Antiretroviral Drugs. ChemCatChem, 2015, 7, 984-992.	3.7	28
153	TRPC3 contributes to regulation of cardiac contractility and arrhythmogenesis by dynamic interaction with NCX1. Cardiovascular Research, 2015, 106, 163-173.	3.8	69
154	Development of a Continuous Flow Sulfoxide Imidation Protocol Using Azide Sources under Superacidic Conditions. Organic Process Research and Development, 2015, 19, 1062-1067.	2.7	45
155	Aerobic Oxidations in Continuous Flow. Topics in Organometallic Chemistry, 2015, , 97-136.	0.7	25
156	A Sequential Ugi Multicomponent/Cu-Catalyzed Azideâ€“Alkyne Cycloaddition Approach for the Continuous Flow Generation of Cyclic Peptoids. Journal of Organic Chemistry, 2015, 80, 4590-4602.	3.2	62
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