Kai Guo

List of Publications by Year in descending order

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Version: 2024-02-01

271	4,911	126708	214527
papers	citations	33 h-index	47 g-index

282	282	282	4114
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Library Design, Synthesis, and Screening:Â Pyridine Dicarbonitriles as Potential Prion Disease Therapeutics. Journal of Medicinal Chemistry, 2006, 49, 607-615.	2.9	123
2	Controllable morphology CoFe2O4/g-C3N4 p-n heterojunction photocatalysts with built-in electric field enhance photocatalytic performance. Applied Catalysis B: Environmental, 2022, 306, 121107.	10.8	112
3	Electrochemical oxidative cyclization of activated alkynes with diselenides or disulfides: access to functionalized coumarins or quinolinones. Green Chemistry, 2019, 21, 4706-4711.	4.6	92
4	Polyurethane rigid foams formed from different soy-based polyols by the ring opening of epoxidised soybean oil with methanol, phenol, and cyclohexanol. Industrial Crops and Products, 2015, 74, 76-82.	2.5	77
5	Synthesis and evaluation of a focused library of pyridine dicarbonitriles against prion disease. European Journal of Medicinal Chemistry, 2008, 43, 93-106.	2.6	75
6	Exploring Catalyst and Solvent Effects in the Multicomponent Synthesis of Pyridine-3,5-dicarbonitriles. Journal of Organic Chemistry, 2009, 74, 6999-7006.	1.7	70
7	Electrochemical Synthesis of Spiro[4.5]trienones through Radicalâ€Initiated Dearomative Spirocyclization. ChemSusChem, 2020, 13, 2053-2059.	3.6	69
8	Production of liquid hydrocarbon fuels with acetoin and platform molecules derived from lignocellulose. Green Chemistry, 2016, 18, 2165-2174.	4.6	67
9	Electrochemical Sulfonylation/Heteroarylation of Alkenes via Distal Heteroaryl ipso-Migration. Organic Letters, 2018, 20, 7784-7789.	2.4	61
10	Enzymeâ€Mediated In Situ Selfâ€Assembly Promotes In Vivo Bioorthogonal Reaction for Pretargeted Multimodality Imaging. Angewandte Chemie - International Edition, 2021, 60, 18082-18093.	7.2	58
11	Sustainable bio-based furan epoxy resin with flame retardancy. Polymer Chemistry, 2019, 10, 2370-2375.	1.9	54
12	Organocatalyzed Anionic Ring-Opening Polymerizations of N-Sulfonyl Aziridines with Organic Superbases. ACS Macro Letters, 2017, 6, 1331-1336.	2.3	53
13	Epoxidation of Soybean Oil by Continuous Micro-Flow System with Continuous Separation. Organic Process Research and Development, 2013, 17, 1137-1141.	1.3	51
14	Imidodiphosphoric acid as a bifunctional catalyst for the controlled ring-opening polymerization of Î´-valerolactone and Îµ-caprolactone. Polymer Chemistry, 2013, 4, 5432.	1.9	51
15	A baseâ€“conjugate-acid pair for living/controlled ring-opening polymerization of trimethylene carbonate through hydrogen-bonding bifunctional synergistic catalysis. Polymer Chemistry, 2014, 5, 6051-6059.	1.9	49
16	Benzene containing polyhydroxyalkanoates homo- and copolymers synthesized by genome edited Pseudomonas entomophila. Science China Life Sciences, 2014, 57, 4-10.	2.3	48
17	Green plasticizers derived from epoxidized soybean oil for poly (vinyl chloride): Continuous synthesis and evaluation in PVC films. Chemical Engineering Journal, 2020, 380, 122532.	6.6	47
18	Mechanistic studies leading to a new procedure for rapid, microwave assisted generation of pyridine-3,5-dicarbonitrile libraries. Tetrahedron, 2007, 63, 5300-5311.	1.0	46

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19	Electrochemical Câ€“N bond activation for deaminative reductive coupling of Katritzky salts. Nature Communications, 2021, 12, 6745.	5.8	45
20	Organocatalytic Three-Component 1,2-Cyanoalkylacylation of Alkenes via Radical Relay. Organic Letters, 2021, 23, 183-189.	2.4	44
21	Dichloroimidazolidinedione-Activated Beckmann Rearrangement of Ketoximes for Accessing Amides and Lactams. Journal of Organic Chemistry, 2018, 83, 2040-2049.	1.7	43
22	Thermal stable honokiol-derived epoxy resin with reinforced thermal conductivity, dielectric properties and flame resistance. Chemical Engineering Journal, 2021, 412, 128647.	6.6	43
23	A squaramide and tertiary amine: an excellent hydrogen-bonding pair organocatalyst for living polymerization. Polymer Chemistry, 2015, 6, 3754-3757.	1.9	42
24	Advances, Challenges, and Opportunities of Poly(Î³-butyrolactone)-Based Recyclable Polymers. ACS Macro Letters, 2021, 10, 284-296.	2.3	40
25	Phytic acid: a biogenic organocatalyst for one-pot Biginelli reactions to 3,4-dihydropyrimidin-2(1H)-ones/thiones. RSC Advances, 2014, 4, 19710-19715.	1.7	39
26	Synthesis of Soy-Polyols Using a Continuous Microflow System and Preparation of Soy-based Polyurethane Rigid Foams. ACS Sustainable Chemistry and Engineering, 2015, 3, 1197-1204.	3.2	39
27	Traceless switch organocatalysis enables multiblock ring-opening copolymerizations of lactones, carbonates, and lactides: by a one plus one approach in one pot. Polymer Chemistry, 2016, 7, 6297-6308.	1.9	39
28	A novel micro-flow system under microwave irradiation for continuous synthesis of 1,4-dihydropyridines in the absence of solvents via Hantzsch reaction. Chemical Engineering Journal, 2018, 331, 161-168.	6.6	39
29	Nonenzymatic and Metal-Free Organocatalysis for in Situ Regeneration of Oxidized Cofactors by Activation and Reduction of Molecular Oxygen. ACS Catalysis, 2016, 6, 4989-4994.	5.5	36
30	Tritylium Cation as Low Loading Lewis Acidic Organocatalyst in Povarov Reactions. ACS Sustainable Chemistry and Engineering, 2016, 4, 47-52.	3.2	35
31	Continuous flow ring-opening polymerizations. Reaction Chemistry and Engineering, 2017, 2, 20-26.	1.9	35
32	Photoredoxâ€Catalzyed Haloâ€trifluoromethylation of 1,7â€Enynes for Synthesis of 3,4â€Dihydroquinolinâ€2(1H)â€ones. Advanced Synthesis and Catalysis, 2019, 361, 1835-1845.	2.1	35
33	Fixation of CO₂ into Cyclic Carbonates by Halogenâ€Bonding Catalysis. ChemSusChem, 2021, 14, 738-744.	3.6	35
34	Visible-Light Photocatalytic Tri- and Difluoroalkylation Cyclizations: Access to a Series of Indole[2,1-a]isoquinoline Derivatives in Continuous Flow. Organic Letters, 2021, 23, 1950-1954.	2.4	35
35	Continuous flow SET-LRP in the presence of P(VDF-co-CTFE) as macroinitiator in a copper tubular reactor. Polymer Chemistry, 2016, 7, 474-480.	1.9	33
36	NH₄I-Triggered [4 + 2] Annulation of Î±,Î²-Unsaturated Ketoxime Acetates with N-Acetyl Enamides for the Synthesis of Pyridines. Journal of Organic Chemistry, 2020, 85, 8157-8165.	1.7	33

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37	Ionic hydrogen bond donor organocatalyst for fast living ring-opening polymerization. Polymer Chemistry, 2016, 7, 339-349.	1.9	32
38	Metalâ€Free Radicalâ€Triggered Selenosulfonation of 1,7â€Enynes for the Rapid Synthesis of 3,4â€Dihydroquinolinâ€2(1H)â€ones in Batch and Flow. Advanced Synthesis and Catalysis, 2017, 359, 4332-4339.	2.1	32
39	Nickelâ€Catalyzed Regioselective Câ€“H Bond Monoâ€and Bisâ€Nitration of Aryloxazolines with tertâ€Butyl Nitrite as Nitro Source. Advanced Synthesis and Catalysis, 2017, 359, 2596-2604.	2.1	31
40	Iron(<scp>ii</scp>)-catalyzed C-2 cyanomethylation of indoles and pyrroles via direct oxidative cross-dehydrogenative coupling with acetonitrile derivatives. Organic Chemistry Frontiers, 2018, 5, 1129-1134.	2.3	31
41	Oxidant- and Catalyst-Free Synthesis of Sulfonated Benzothiophenes via Electrooxidative Tandem Cyclization. Journal of Organic Chemistry, 2021, 86, 2593-2601.	1.7	31
42	Discovery and SAR studies of methionineâ€“proline anilides as dengue virus NS2B-NS3 protease inhibitors. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 6549-6554.	1.0	30
43	o-Benzenedisulfonimide as a recyclable cationic organocatalyst for the controlled/living ring-opening polymerization of Î´-valerolactone and Îµ-caprolactone. Polymer Chemistry, 2014, 5, 3098-3106.	1.9	30
44	Regioselective Chlorination of Quinoline Nâ€Oxides and Isoquinoline Nâ€Oxides Using PPh₃/Cl₃CCN. European Journal of Organic Chemistry, 2016, 2016, 1606-1611.	1.2	30
45	Continuous flow copper-mediated reversible deactivation radical polymerizations. European Polymer Journal, 2016, 80, 177-185.	2.6	30
46	Development of High-Performance Biodegradable Rigid Polyurethane Foams Using Full Modified Soy-Based Polyols. Journal of Agricultural and Food Chemistry, 2019, 67, 2220-2226.	2.4	30
47	Copper-Catalyzed Nâ€“O Cleavage of Î±,Î²-Unsaturated Ketoxime Acetates toward Structurally Diverse Pyridines. Journal of Organic Chemistry, 2020, 85, 2532-2542.	1.7	30
48	C- to N-Center Remote Heteroaryl Migration via Electrochemical Initiation of N Radical by Organic Catalyst. Organic Letters, 2020, 22, 795-799.	2.4	30
49	Squaramide and amine binary H-bond organocatalysis in polymerizations of cyclic carbonates, lactones, and lactides. Polymer Chemistry, 2017, 8, 7054-7068.	1.9	29
50	Phosphoramidic acid catalyzed controlled/living ring-opening polymerization ofÂtrimethylene carbonate. Polymer, 2013, 54, 4177-4182.	1.8	28
51	Bifunctional imidodiphosphoric acid-catalyzed controlled/living ring-opening polymerization of trimethylene carbonate resulting block, Î±,Ï‰-dihydroxy telechelic, and star-shaped polycarbonates. Journal of Polymer Science Part A, 2014, 52, 1009-1019.	2.5	28
52	A novel microfluidic enzyme-organocatalysis combination strategy for ring-opening copolymerizations of lactone, lactide and cyclic carbonate. Chemical Engineering Journal, 2019, 356, 592-597.	6.6	28
53	Iron-catalyzed [4 + 2] annulation of Î±,Î²-unsaturated ketoxime acetates with enaminones toward functionalized pyridines. Green Synthesis and Catalysis, 2021, 2, 237-240.	3.7	28
54	Dual Switching in Both RAFT and ROP for Generation of Asymmetric A²A¹B¹B² Type Tetrablock Quaterpolymers. Macromolecules, 2017, 50, 9295-9306.	2.2	27

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55	Polymerization of trimethylene carbonates using organic phosphoric acids. Polymer Chemistry, 2016, 7, 5526-5535.	1.9	26
56	Internal Lewis pair enhanced H-bond donor: boronate-urea and tertiary amine co-catalysis in ring-opening polymerization. Polymer Chemistry, 2016, 7, 6843-6853.	1.9	26
57	Continuous Electrochemical Synthesis of Isoâ€Coumarin Derivatives from oâ€(1â€Alkynyl) Benzoates under Metalâ€and Oxidantâ€Free. Chemistry - A European Journal, 2020, 26, 13738-13742.	1.7	26
58	Continuous flow photo-RAFT and light-PISA. Chemical Engineering Journal, 2021, 420, 127663.	6.6	26
59	Synthesis and discovery of andrographolide derivatives as non-steroidal farnesoid X receptor (FXR) antagonists. RSC Advances, 2014, 4, 13533-13545.	1.7	25
60	I₂-promoted aerobic oxidative coupling of acetophenes with amines under metal-free conditions: facile access to Î±-ketoamides. RSC Advances, 2016, 6, 1503-1507.	1.7	25
61	Carbocation Organocatalysis in Interrupted Povarov Reactions to cisâ€Fused Pyranoâ€and Furanobenzodihydropyrans. European Journal of Organic Chemistry, 2017, 2017, 3996-4003.	1.2	25
62	Improvement of <scp>l-</scp>citrulline production in Corynebacterium glutamicum by ornithine acetyltransferase. Journal of Industrial Microbiology and Biotechnology, 2015, 42, 307-313.	1.4	24
63	A two-step continuous synthesis of Î±-ketoamides and Î±-amino ketones from 2Â° benzylic alcohols using hydrogen peroxide as an economic and benign oxidant. RSC Advances, 2016, 6, 25167-25172.	1.7	24
64	Amphiphilic star-shaped poly(sarcosine)-block-poly(Îµ-caprolactone) diblock copolymers: one-pot synthesis, characterization, and solution properties. Journal of Materials Chemistry B, 2017, 5, 679-690.	2.9	24
65	Design, Synthesis, and Selfâ€Assembly of Janus Bottlebrush Polymers. Macromolecular Rapid Communications, 2020, 41, e2000357.	2.0	24
66	N-heterocyclic carbenes as organocatalysts in controlled/living ring-opening polymerization ofO-carboxyanhydrides derived from<scp>l</scp>-lactic acid and<scp>l</scp>-mandelic acid. Journal of Polymer Science Part A, 2014, 52, 2306-2315.	2.5	23
67	Tripodal hydrogen bond donor binding with sulfonic acid enables ring-opening polymerization. Polymer Chemistry, 2016, 7, 1368-1374.	1.9	23
68	Organocatalyzed continuous flow ring-opening polymerizations to homo- and block-polylactones. Polymer, 2016, 84, 391-397.	1.8	23
69	Opposite-charge repulsive cation and anion pair cooperative organocatalysis in ring-opening polymerization. Polymer Chemistry, 2018, 9, 2183-2192.	1.9	23
70	Flame Retardancy and Mechanical Properties of Bioâ€Based Furan Epoxy Resins with High Crosslink Density. Macromolecular Materials and Engineering, 2020, 305, 1900587.	1.7	23
71	Catalyst- and oxidant-free electrochemical para-selective hydroxylation of N-arylamides in batch and continuous-flow. Green Chemistry, 2020, 22, 6437-6443.	4.6	23
72	Mild BrÃ¸nsted acid initiated controlled polymerizations of 2-oxazoline towards one-pot synthesis of novel double-hydrophilic poly(2-ethyl-2-oxazoline)-block-poly(sarcosine). Polymer Chemistry, 2015, 6, 2970-2976.	1.9	22

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73	Chemoselective polymerization platform for flow synthesis of functional polymers and nanoparticles. Chemical Engineering Journal, 2018, 333, 43-48.	6.6	22
74	A switch from anionic to bifunctional H-bonding catalyzed ring-opening polymerizations towards polyetherâ€“polyester diblock copolymers. Polymer Chemistry, 2018, 9, 154-159.	1.9	22
75	The continuous-flow electrosynthesis of 4-(sulfonylmethyl)isoquinoline-1,3(2H,4H)-diones from N-alkyl-N-methacryloyl benzamides under metal-free and oxidant-free conditions. Organic Chemistry Frontiers, 2020, 7, 3223-3228.	2.3	22
76	The copper(<scp>ii</scp>)-catalyzed and oxidant-promoted regioselective C-2 difluoromethylation of indoles and pyrroles. Chemical Communications, 2020, 56, 8119-8122.	2.2	22
77	A Strained Ion Pair Permits Carbon Dioxide Fixation at Atmospheric Pressure by Câ€“H H-Bonding Organocatalysis. Journal of Organic Chemistry, 2021, 86, 3422-3432.	1.7	22
78	Halide-free pyridinium saccharinate binary organocatalyst for the cycloaddition of CO2 into epoxides. Chemical Engineering Journal, 2022, 444, 135478.	6.6	22
79	Production of 100% bio-based semi-aromatic nylon by aerobic oxidation of 5-hydroxymethylfurfural to 2,5-furandicarboxylic acid with bio aliphatic diamine. Chemical Engineering Journal, 2022, 437, 135361.	6.6	22
80	Studies on the lipase-catalyzed esterification of alkyl oleates in solvent-free systems. Journal of Molecular Catalysis B: Enzymatic, 2013, 90, 114-117.	1.8	21
81	A novel protocol to accelerate dynamic combinatorial chemistry via isolation of ligandâ€“target adducts from dynamic combinatorial libraries: A case study identifying competitive inhibitors of lysozyme. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 5174-5177.	1.0	21
82	Continuous synthesis of a co-doped TiO₂ photocatalyst and its enhanced visible light catalytic activity using a photocatalysis microreactor. RSC Advances, 2015, 5, 54853-54860.	1.7	21
83	Sinterability, reducibility, and electrical conductivity of fast oxide-ion conductors La1.8R0.2MoWO9 (R=Pr, Nd, Gd and Y). Ceramics International, 2015, 41, 10208-10215.	2.3	21
84	Benzylation of heterocyclic N-oxides via direct oxidative cross-dehydrogenative coupling with toluene derivatives. New Journal of Chemistry, 2016, 40, 10227-10232.	1.4	21
85	Thiourea binding with carboxylic acid promoted cationic ring-opening polymerization. Polymer, 2016, 84, 293-303.	1.8	21
86	Continuous Flow Photoinduced Reversible Deactivation Radical Polymerization. ChemPhotoChem, 2018, 2, 831-838.	1.5	21
87	An efficient and green pathway for continuous Friedel-Crafts acylation over Î±-Fe2O3 and CaCO3 nanoparticles prepared in the microreactors. Chemical Engineering Journal, 2018, 331, 443-449.	6.6	21
88	New ultrastiff bio-furan epoxy networks with high Tg: Facile synthesis to excellent properties. European Polymer Journal, 2019, 121, 109292.	2.6	21
89	Photocatalytic radical defluoroalkylation of unactivated alkenes via distal heteroaryl ipso-migration. Communications Chemistry, 2020, 3, .	2.0	21
90	Biorenewable furan-containing polyamides. Materials Today Sustainability, 2020, 10, 100049.	1.9	21

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91	Highly Efficient and Selective Electrochemical Synthesis of Substituted Benzothiophenes and Benzofurans in Microcontinuous Flow. ACS Sustainable Chemistry and Engineering, 2020, 8, 13302-13309.	3.2	21
92	From Coreâ€“Shell to Yolkâ€“Shell: Improved Catalytic Performance toward CoFe₂O₄@ Hollow@ Mesoporous TiO₂ toward Selective Oxidation of Styrene. Industrial & Engineering Chemistry Research, 2020, 59, 19938-19951.	1.8	21
93	N-Heterocyclic olefins and thioureas as an efficient cooperative catalyst system for ring-opening polymerization of Î´-valerolactone. Polymer Chemistry, 2019, 10, 1832-1838.	1.9	20
94	Visibleâ€Lightâ€Mediated Sâ€“H Bond Insertion Reactions of Diazoalkanes with Cysteine Residues in Batch and Flow. Advanced Synthesis and Catalysis, 2020, 362, 5093-5104.	2.1	20
95	Two birds with one stone: The detection of nerve agents and AChE activity with an ICT-ESIPT-based fluorescence sensor. Journal of Hazardous Materials, 2021, 410, 124811.	6.5	20
96	Synthesis and application of a novel bio-based polyol for preparation of polyurethane foams. New Journal of Chemistry, 2014, 38, 3874.	1.4	19
97	Sn(OTf)₂ catalyzed continuous flow ring-opening polymerization of Îµ-caprolactone. RSC Advances, 2015, 5, 31554-31557.	1.7	19
98	Highly chemoselective lipase from Candida sp. 99-125 catalyzed ring-opening polymerization for direct synthesis of thiol-terminated poly(É›-caprolactone). Chinese Chemical Letters, 2015, 26, 361-364.	4.8	19
99	Three is company: dual intramolecular hydrogen-bond enabled carboxylic acid active in ring-opening polymerization. Polymer Chemistry, 2016, 7, 1111-1120.	1.9	19
100	Organocatalyzed chemoselective ring-opening polymerizations. Scientific Reports, 2018, 8, 3734.	1.6	19
101	Food Sweetener Saccharin in Binary Organocatalyst for Bulk Ringâ€Opening Polymerization of Lactide. Advanced Synthesis and Catalysis, 2019, 361, 1335-1347.	2.1	19
102	Electrochemical Triâ€and Difluoromethylationâ€Triggered Cyclization Accompanied by the Oxidative Cleavage of Indole Derivatives. Chemistry - A European Journal, 2021, 27, 6522-6528.	1.7	19
103	Continuous flow protecting-group-free synthetic approach to thiol-terminated poly(Îµ-caprolactone). European Polymer Journal, 2016, 80, 234-239.	2.6	18
104	A two-step continuous flow synthesis of 1,4-disubstituted 1,2,3-triazoles under metal- and azide-free conditions. RSC Advances, 2016, 6, 89073-89079.	1.7	18
105	Flow Reactor Synthesis of Bio-Based Polyol from Soybean Oil for the Production of Rigid Polyurethane Foam. Industrial & Engineering Chemistry Research, 2020, 59, 17513-17519.	1.8	18
106	Cationic ringâ€opening polymerization of trimethylene carbonate to Î±,Ï‰â€dihydroxy telechelic and starâ€shaped polycarbonates catalyzed by reusable oâ€benzenedisulfonimide. Journal of Polymer Science Part A, 2015, 53, 729-736.	2.5	17
107	Production of liquid hydrocarbon fuels with 3-pentanone and platform molecules derived from lignocellulose. RSC Advances, 2016, 6, 62974-62980.	1.7	17
108	Copper-catalyzed one-pot oxidative amidation of alcohol to amide via Câ€“H activation. RSC Advances, 2016, 6, 89413-89416.	1.7	17

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109	Highly efficient synthesis of Î²-nitrate ester carboxamides through the ring-opening of 2-oxazolines. Green Chemistry, 2017, 19, 5789-5793.	4.6	17
110	Facile pH-Dependent Synthesis and Characterization of Catechol Stabilized Silver Nanoparticles for Catalytic Reduction of 4-Nitrophenol. Catalysis Letters, 2017, 147, 2134-2143.	1.4	17
111	Visible-Light-Induced Trifluoromethylation/Cyclization of 1,7-Enynes in Continuous Flow. ACS Sustainable Chemistry and Engineering, 2020, 8, 11729-11736.	3.2	17
112	C-5 selective chlorination of 8-aminoquinoline amides using dichloromethane. Organic and Biomolecular Chemistry, 2021, 19, 1352-1357.	1.5	17
113	Continuous-flow electro-oxidative coupling of sulfides with activated methylene compounds leading to sulfur ylides. Green Chemistry, 2021, 23, 2956-2961.	4.6	17
114	Synthesis of benzofuro- and benzothieno[2,3-c]pyridines via copper-catalyzed [4 + 2] annulation of ketoxime acetates with acetoacetanilide. Organic Chemistry Frontiers, 2021, 8, 2939-2943.	2.3	17
115	Photoinduced Merging with Copperâ€or <scp>Nickelâ€Catalyzed</scp> 1,<scp>4â€Cyanoalkylarylation</scp> of 1,<scp>3â€Enynes</scp> to Access Multiple Functionalizatized Allenes in Batch and Continuous Flow. Chinese Journal of Chemistry, 2022, 40, 1537-1545.	2.6	17
116	Copperâ€“TEMPO-catalyzed synthesis of Î±-ketoamides via tandem sp³Câ€“H aerobic oxidation and amination of phenethyl alcohol derivatives. Organic and Biomolecular Chemistry, 2016, 14, 8570-8575.	1.5	16
117	Novel synthesis of a soy-based polyol for a polyurethane rigid foam. RSC Advances, 2016, 6, 90771-90776.	1.7	16
118	Chemoselective C(Î±)â€“C(Î²) bond cleavage of saturated aryl ketones with amines leading to Î±-ketoamides: a copper-catalyzed aerobic oxidation process with air. Organic Chemistry Frontiers, 2017, 4, 2375-2379.	2.3	16
119	Poly(vinylidene fluorideâ€coâ€chlorotrifluoroethylene) Modification via Organocatalyzed Atom Transfer Radical Polymerization. Macromolecular Rapid Communications, 2017, 38, 1700399.	2.0	16
120	Enzymatic Continuous Flow Synthesis of Thiolâ€Terminated Poly(Î´â€Valerolactone) and Block Copolymers. Macromolecular Rapid Communications, 2018, 39, e1700807.	2.0	16
121	Dibutyl phosphate catalyzed commercial relevant ring-opening polymerizations to bio-based polyesters. European Polymer Journal, 2019, 113, 197-207.	2.6	16
122	Continuous-flow electrosynthesis of selenium-substituted iminoisobenzofuran via oxidative cyclization of olefinic amides and diselenides. Organic and Biomolecular Chemistry, 2021, 19, 3207-3212.	1.5	16
123	Chemoselective Polymerizations. Progress in Polymer Science, 2021, 117, 101397.	11.8	16
124	Copper-Catalyzed Three-Component Cascade Annulation for Divergent Syntheses of Imidazoles and Dihydroimidazoles. Organic Letters, 2022, 24, 1060-1065.	2.4	16
125	Electrochemical-Oxidation-Promoted Direct N-ortho-Selective Difluoromethylation of Heterocyclic N-Oxides. Organic Letters, 2022, 24, 1434-1438.	2.4	16
126	Oneâ€Pot Gloveboxâ€Free Synthesis, Characterization, and Selfâ€Assembly of Novel Amphiphilic Poly(Sarcosineâ€bâ€Caprolactone) Diblock Copolymers. Macromolecular Rapid Communications, 2014, 35, 1954-1959.	2.0	15

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127	2,4-Dinitrobenzenesulfonic acid in an efficient BrÃ¸nsted acid-catalyzed controlled/living ring-opening polymerization of Îµ-caprolactone. RSC Advances, 2014, 4, 55716-55722.	1.7	15
128	Efficient synthesis of chromenopyridine and chromene via MCRs. Chinese Chemical Letters, 2014, 25, 1357-1362.	4.8	15
129	Two-Stage Flow Synthesis of Coumarin viaO-Acetylation of Salicylaldehyde. Journal of Flow Chemistry, 2015, 5, 82-86.	1.2	15
130	Two-stage continuous flow synthesis of epoxidized fatty acid methyl esters in a micro-flow system. Chemical Engineering and Processing: Process Intensification, 2015, 96, 39-43.	1.8	15
131	Highly practical oxidation of benzylic alcohol in continuous-flow system with metal-free catalyst. Tetrahedron Letters, 2015, 56, 5973-5976.	0.7	15
132	Thiol-functionalized branched and linear poly(Îµ-caprolactone): Direct synthesis, characterization and application in stabilizing silver nanoparticles. Polymer, 2015, 80, 88-94.	1.8	15
133	Metallic organophosphate catalyzed bulk ring-opening polymerization. Polymer Chemistry, 2018, 9, 732-742.	1.9	15
134	Enzymeâ€Mediated In Situ Selfâ€Assembly Promotes In Vivo Bioorthogonal Reaction for Pretargeted Multimodality Imaging. Angewandte Chemie, 2021, 133, 18230-18241.	1.6	15
135	Preparation of fluoroalkoxy or fluorophenoxy substituted N-heterocycles from heterocyclicN-oxides and polyfluoroalcohols. Organic Chemistry Frontiers, 2018, 5, 2340-2344.	2.3	15
136	Organocatalytic Electrosynthesis of Cinnolines through Cascade Radical Cyclization and Migration. ACS Sustainable Chemistry and Engineering, 2021, 9, 16989-16996.	3.2	15
137	Continuous flow photoinduced phenothiazine derivatives catalyzed atom transfer radical polymerization. European Polymer Journal, 2020, 126, 109565.	2.6	14
138	Photoinduced remote heteroaryl migration accompanied by cyanoalkylacylation in continuous flow. Green Chemistry, 2021, 23, 8916-8921.	4.6	14
139	Regioselective Synthesis of 3-Aminoimidazo[1,2-a]-pyrimidines under Continuous Flow Conditions. Journal of Organic Chemistry, 2014, 79, 10196-10202.	1.7	13
140	Dual Stimuliâ€Responsive Nanoparticles for Controlled Release of Anticancer and Antiâ€inflammatory Drugs Combination. Chemistry - A European Journal, 2017, 23, 9397-9406.	1.7	13
141	Guanidinium as bifunctional organocatalyst for ring-opening polymerizations. Polymer, 2018, 154, 17-26.	1.8	13
142	Microfluidic synthesis of fatty acid esters: Integration of dynamic combinatorial chemistry and scale effect. Chemical Engineering Journal, 2020, 381, 122721.	6.6	13
143	100% Bio-Based Polyamide with Temperature/Ultrasound Dually Triggered Reversible Cross-Linking. Industrial & Engineering Chemistry Research, 2020, 59, 13588-13594.	1.8	13
144	Recyclable polymer functionalization via end-group modification and block/random copolymerization. Green Energy and Environment, 2021, 6, 578-584.	4.7	13

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145	Cotton fabrics modified with Si@ hyperbranched poly(amidoamine): their salt-free dyeing properties and thermal behaviors. Cellulose, 2021, 28, 565-579.	2.4	13
146	N-Heterocyclic carbene-catalyzed radical ring-opening acylation of oxime esters with aldehydes. Organic Chemistry Frontiers, 2021, 8, 6074-6079.	2.3	13
147	Photomediated core modification of organic photoredox catalysts in radical addition: mechanism and applications. Chemical Science, 2021, 12, 9432-9441.	3.7	13
148	Continuous flow cationic polymerizations. Chemical Engineering Journal, 2022, 430, 132791.	6.6	13
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