Lei Yu

List of Publications by Year
in descending order

181	5,460	61984	128289
papers	citations	43 h-index	60 g-index

208	208	208	3730
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Advanced MnO_x/TiO₂ Catalyst with Preferentially Exposed Anatase {001} Facet for Low-Temperature SCR of NO. ACS Catalysis, 2016, 6, 5807-5815.	11.2	181
2	Organoselenium-Catalyzed Mild Dehydration of Aldoximes: An Unexpected Practical Method for Organonitrile Synthesis. Organic Letters, 2014, 16, 1346-1349.	4.6	141
3	Heck Reactions Catalyzed by Ultrasmall and Uniform Pd Nanoparticles Supported on Polyaniline. Journal of Organic Chemistry, 2015, 80, 8677-8683.	3.2	116
4	Heterocycles from methylenecyclopropanes. Organic and Biomolecular Chemistry, 2015, 13, 8379-8392.	2.8	112
5	Dehydration of Aldoximes Using PhSe(O)OH as the Pre-Catalyst in Air. Organic Letters, 2015, 17, 5840-5842.	4.6	95
6	Enantioâ€•and Regioselective NiHâ€Catalyzed Reductive Hydroarylation of Vinylarenes with Aryl Iodides. Angewandte Chemie - International Edition, 2020, 59, 21530-21534.	13.8	91
7	Recent Advances on the Preparation and Reactivity of Methylenecyclopropanes. Organic Preparations and Procedures International, 2011, 43, 209-259.	1.3	90
8	Two-Dimensional Cobalt-Doped Ti₃C₂ MXene Nanozyme-Mediated Homogeneous Electrochemical Strategy for Pesticides Assay Based on In Situ Generation of Electroactive Substances. Analytical Chemistry, 2022, 94, 3669-3676.	6.5	89
9	Facile synthesis of 2-methylenecyclobutanones via Ca(OH)₂-catalyzed direct condensation of cyclobutanone with aldehydes and (PhSe)₂-catalyzed Baeyerâ€“Villiger oxidation to 4-methylenebutanolides. Green Chemistry, 2014, 16, 287-293.	9.0	85
10	Green and Practical Oxidative Deoximation of Oximes to Ketones or Aldehydes with Hydrogen Peroxide/Air by Organoselenium Catalysis. Advanced Synthesis and Catalysis, 2017, 359, 1194-1201.	4.3	79
11	Direct Synthesis of Methylene-1,2-dichalcogenolanes via Radical [3 + 2] Cycloaddition of Methylenecyclopropanes with Elemental Chalcogens. Organic Letters, 2013, 15, 144-147.	4.6	75
12	Organoseleniumâ€Catalyzed Baeyerâ€“Villiger Oxidation of Î±,Î²â€Unsaturated Ketones by Hydrogen Peroxide to Access Vinyl Esters. Advanced Synthesis and Catalysis, 2015, 357, 955-960.	4.3	75
13	Ligandâ€Enabled Nickelâ€Catalyzed Redoxâ€Relay Migratory Hydroarylation of Alkenes with Arylborons. Angewandte Chemie - International Edition, 2020, 59, 9186-9191.	13.8	75
14	Design and preparation of a polymer resin-supported organoselenium catalyst with industrial potential. Journal of Materials Chemistry A, 2016, 4, 10828-10833.	10.3	73
15	Organoselenium-Catalyzed Oxidative Câ•C Bond Cleavage: A Relatively Green Oxidation of Alkenes into Carbonyl Compounds with Hydrogen Peroxide. Journal of Organic Chemistry, 2017, 82, 9342-9349.	3.2	73
16	Gram-Scale Preparation of Pd@PANI: A Practical Catalyst Reagent for Copper-Free and Ligand-Free Sonogashira Couplings. Organic Process Research and Development, 2016, 20, 2124-2129.	2.7	72
17	Synthesis of 2-substituted quinazolines by CsOH-mediated direct aerobic oxidative cyclocondensation of 2-aminoarylmethanols with nitriles in air. Green Chemistry, 2017, 19, 2945-2951.	9.0	67
18	Highly Crystalline Kâ€Intercalated Polymeric Carbon Nitride for Visibleâ€Light Photocatalytic Alkenes and Alkynes Deuterations. Advanced Science, 2019, 6, 1801403.	11.2	67

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19	Alkyl Carbazates for Electrochemical Deoxygenative Functionalization of Heteroarenes. Angewandte Chemie - International Edition, 2020, 59, 10859-10863.	13.8	66
20	Protection from H1N1 Influenza Virus Infections in Mice by Supplementation with Selenium: A Comparison with Selenium-Deficient Mice. Biological Trace Element Research, 2011, 141, 254-261.	3.5	65
21	Selenium-catalyzed oxidation of alkenes: insight into the mechanisms and developing trend. Catalysis Science and Technology, 2020, 10, 3113-3121.	4.1	65
22	Organoselenium-catalyzed selectivity-switchable oxidation of Î²-ionone. Catalysis Science and Technology, 2016, 6, 1804-1809.	4.1	64
23	Energy saving and environment-friendly element-transfer reactions with industrial application potential. Chinese Chemical Letters, 2020, 31, 1078-1082.	9.0	64
24	Recyclable (PhSe)₂-catalyzed selective oxidation of isatin by H₂O₂: a practical and waste-free access to isatoic anhydride under mild and neutral conditions. Catalysis Science and Technology, 2015, 5, 4830-4838.	4.1	60
25	Enantioselective NiH/Pmroxâ€Catalyzed 1,2â€Reduction of Î±,Î²â€Unsaturated Ketones. Angewandte Chemie - International Edition, 2017, 56, 2022-2025.	13.8	60
26	Recyclable 1,2â€bis[3,5â€bis(trifluoromethyl)phenyl]diselaneâ€catalyzed oxidation of cyclohexene with H₂O₂: a practical access to transâ€1,2â€cyclohexanediol. Applied Organometallic Chemistry, 2014, 28, 652-656.	3.5	59
27	Recent advances on deoximation: From stoichiometric reaction to catalytic reaction. Chinese Chemical Letters, 2019, 30, 937-941.	9.0	57
28	Efficient and selective nitrile hydration reactions in water catalyzed by an unexpected dimethylsulfinyl anion generated in situ from CsOH and DMSO. Green Chemistry, 2014, 16, 2136-2141.	9.0	56
29	Organohalide-catalyzed dehydrative O-alkylation between alcohols: a facile etherification method for aliphatic ether synthesis. Green Chemistry, 2015, 17, 2774-2779.	9.0	56
30	Visible light-promoted, iodine-catalyzed selenoalkoxylation of olefins with diselenides and alcohols in the presence of hydrogen peroxide/air oxidant: an efficient access to Î±-alkoxyl selenides. Science China Chemistry, 2018, 61, 294-299.	8.2	56
31	Recent advances on controllable and selective catalytic oxidation of cyclohexene. Chinese Journal of Catalysis, 2018, 39, 899-907.	14.0	56
32	A perspective of the engineering applications of carbon-based selenium-containing materials. Chinese Chemical Letters, 2021, 32, 2933-2938.	9.0	56
33	Promotional effect of iron oxide on the catalytic properties of Feâ€“MnO_x/TiO₂ (anatase) catalysts for the SCR reaction at low temperatures. Catalysis Science and Technology, 2016, 6, 1772-1778.	4.1	54
34	Fabrication of Se/C using carbohydrates as biomass starting materials: an efficient catalyst for regiospecific epoxidation of Î²-ionone with ultrahigh turnover numbers. Catalysis Science and Technology, 2018, 8, 5017-5023.	4.1	53
35	Organotellurium catalysis-enabled utilization of molecular oxygen as oxidant for oxidative deoximation reactions under solvent-free conditions. Science Bulletin, 2019, 64, 1280-1284.	9.0	53
36	Multicomponent reactions of allenes, diaryl diselenides, and nucleophiles in the presence of iodosobenzene diacetate: direct synthesis of 3-functionalized-2-arylselenyl substituted allyl derivatives. Tetrahedron Letters, 2007, 48, 925-927.	1.4	52

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37	Probing the support effect at the molecular level in the polyaniline-supported palladium nanoparticle-catalyzed Ullmann reaction of aryl iodides. Journal of Catalysis, 2018, 360, 250-260.	6.2	52
38	An unexpected generation of magnetically separable Se/Fe3O4 for catalytic degradation of polyene contaminants with molecular oxygen. Chinese Chemical Letters, 2020, 31, 3205-3208.	9.0	52
39	Visible-light-induced iminyl radical formation via electron-donorâ€“acceptor complexes: a photocatalyst-free approach to phenanthridines and quinolines. Organic Chemistry Frontiers, 2018, 5, 977-981.	4.5	51
40	Organoseleniumâ€Catalyzed Oxidative Ring Expansion of Methylenecyclopropanes with Hydrogen Peroxide. ChemCatChem, 2016, 8, 1033-1037.	3.7	49
41	Iron salt, a cheap, highly efficient and environment-friendly metal catalyst for Seâ€“Se bond cleavage and the further reaction with methylenecyclopropanes under mild conditions. Journal of Organometallic Chemistry, 2011, 696, 2228-2233.	1.8	48
42	Alcohol-based Michaelisâ€“Arbuzov reaction: an efficient and environmentally-benign method for Câ€“P(O) bond formation. Green Chemistry, 2018, 20, 3408-3413.	9.0	47
43	Ironâ€Enabled Utilization of Air as the Terminal Oxidant Leading to Aerobic Oxidative Deoximation by Organoselenium Catalysis. Advanced Synthesis and Catalysis, 2019, 361, 603-610.	4.3	46
44	Lewis Acid Catalyzed Reaction of Methylenecyclopropanes with 1,2-Diphenyldiselane or 1,2-Di-p-tolyldisulfane. Journal of Organic Chemistry, 2009, 74, 5087-5089.	3.2	44
45	Synthesis of selenium-doped carbon from glucose: An efficient antibacterial material against Xcc. Chinese Chemical Letters, 2020, 31, 1887-1889.	9.0	43
46	Selenium-catalyzed selective reactions of carbonyl derivatives: state-of-the-art and future challenges. Green Chemistry, 2021, 23, 4647-4655.	9.0	43
47	Easily fabricated and recyclable Pd&Cu@Al catalyst for gram-scale phosphine-free Heck reactions with high TON. Science Bulletin, 2017, 62, 1325-1330.	9.0	42
48	A facile approach to constructing Pd@PCNâ€“Se nano-composite catalysts for selective alcohol oxidation reactions. Journal of Materials Chemistry A, 2019, 7, 10918-10923.	10.3	41
49	Construction of Carbocycles from Methylenecyclopropanes. Advanced Synthesis and Catalysis, 2020, 362, 438-461.	4.3	40
50	Access to Cyclohexane-1,2-diol through the Diphenyldiselenide Catalyzed Oxidation of Cyclohexene by Hydrogen Peroxide. Chinese Journal of Organic Chemistry, 2013, 33, 1096.	1.3	40
51	Sulfurâ€“silicon bond activation catalysed by Cl/Br ions: waste-free synthesis of unsymmetrical thioethers by replacing fluoride catalysis and fluorinated substrates in SNAr reactions. Green Chemistry, 2014, 16, 3444.	9.0	38
52	Palladium nanoparticles on polyaniline (Pd@PANI): A practical catalyst for Suzuki cross-couplings. Materials Letters, 2016, 184, 312-314.	2.6	38
53	Efficient Generation of Câ€“S Bonds via a Byâ€Productâ€Promoted Selective Coupling of Alcohols, Organic Halides, and Thiourea. Advanced Synthesis and Catalysis, 2017, 359, 1649-1655.	4.3	37
54	Organotellurium-catalyzed oxidative deoximation reactions using visible-light as the precise driving energy. Chinese Chemical Letters, 2021, 32, 1029-1032.	9.0	37

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55	Catalytic dehydrogenation of propane to propylene over highly active PtSnNa/Î³-Al 2 O 3 catalyst. Chinese Chemical Letters, 2018, 29, 475-478.	9.0	35
56	Copper-catalysed photoinduced decarboxylative alkynylation: a combined experimental and computational study. Chemical Science, 2020, 11, 4939-4947.	7.4	35
57	Design and preparation of poly(tannic acid) nanoparticles with intrinsic fluorescence: A sensitive detector of picric acid. Chemical Engineering Journal, 2021, 416, 129090.	12.7	35
58	iNGR-Modified Liposomes for Tumor Vascular Targeting and Tumor Tissue Penetrating Delivery in the Treatment of Glioblastoma. Molecular Pharmaceutics, 2017, 14, 1811-1820.	4.6	34
59	Honeycomb-shaped PtSnNa/Î³-Al2O3/cordierite monolithic catalyst with improved stability and selectivity for propane dehydrogenation. Chinese Chemical Letters, 2018, 29, 884-886.	9.0	34
60	Magnetically separable mesoporous silicaâ€supported palladium nanoparticleâ€catalyzed selective hydrogenation of naphthalene to tetralin. Applied Organometallic Chemistry, 2019, 33, e5204.	3.5	34
61	Inhibition of mycotoxin deoxynivalenol generation by using selenized glucose. Chinese Chemical Letters, 2020, 31, 3276-3278.	9.0	34
62	Selenium-doped carbon: An unexpected efficient solid acid catalyst for Beckmann rearrangement of ethyl 2-(2-aminothiazole-4-yl)-2-hydroxyiminoacetate. Catalysis Communications, 2019, 129, 105730.	3.3	33
63	Design and Preparation of Polyâ€Selenides: Easily Fabricated and Efficient Organoselenium Materials for Heavy Metal Removing and Recycling. Applied Organometallic Chemistry, 2018, 32, e4332.	3.5	32
64	A scalable production of anisonitrile through organoselenium-catalyzed dehydration of anisaldoxime under solventless conditions. Applied Catalysis A: General, 2017, 541, 107-111.	4.3	31
65	Calcium-catalyzed reactions of element-H bonds. Science Bulletin, 2018, 63, 1010-1016.	9.0	31
66	Tailorable carbazolyl cyanobenzene-based photocatalysts for visible light-induced reduction of aryl halides. Chinese Chemical Letters, 2020, 31, 1899-1902.	9.0	31
67	Polyaniline-supported tungsten-catalyzed oxidative deoximation reaction with high catalyst turnover number. Chinese Chemical Letters, 2023, 34, 107505.	9.0	31
68	Synergistic Catalysis of Se and Cu for the Activation of Î± â€H of Methyl Ketones with Molecular Oxygen/Alcohol to Produce Î± â€Keto Acetals â€. Chinese Journal of Chemistry, 2020, 38, 1045-1051.	4.9	30
69	Construction of boronate ester based single-layered covalent organic frameworks. Chemical Communications, 2016, 52, 13771-13774.	4.1	29
70	Gram-scale preparation of dialkylideneacetones through Ca(OH)2-catalyzed Claisen-Schmidt condensation in dilute aqueous EtOH. Chinese Chemical Letters, 2019, 30, 263-265.	9.0	29
71	The Reaction of Alkylenecyclopropanes and Diethyl Phosphite: A Novel ÂMethod for the Preparation of Diethyl 3,4-Dihydro-2-naphthylphosphonates and 3-Butenyl Ethyl Phosphates. Synlett, 2005, 2005, 2953-2957.	1.8	28
72	Diastereoselective Total Synthesis of the Euphorbia Diterpenoid Pepluanolâ€...A: A Reductive Annulation Approach. Angewandte Chemie - International Edition, 2017, 56, 8898-8901.	13.8	28

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73	Pd/Mn Bimetallic Relay Catalysis for Aerobic Aldoxime Dehydration to Nitriles. Advanced Synthesis and Catalysis, 2018, 360, 784-790.	4.3	28
74	Visibleâ€Lightâ€Driven Photocatalytic Hydrogenation of Olefins Using Water as the H Source. ChemCatChem, 2019, 11, 2596-2599.	3.7	28
75	Design and synthesis of Fe3O4@SiO2@mSiO2-Fe: A magnetically separable catalyst for selective oxidative cracking reaction of styrene using air as partial oxidant. Applied Catalysis A: General, 2020, 590, 117353.	4.3	28
76	PtSnNa@SUZ-4-catalyzed propane dehydrogenation. Applied Catalysis A: General, 2016, 527, 30-35.	4.3	27
77	PtSnNa/SUZ-4: An efficient catalyst for propane dehydrogenation. Chinese Journal of Catalysis, 2017, 38, 529-536.	14.0	27
78	Selenium-doped Fe2O3-catalyzed oxidative scission of C C bond. Catalysis Communications, 2020, 133, 105828.	3.3	27
79	Stereodivergent Synthesis of Î±â€Aminomethyl Cinnamyl Ethers via Photoredoxâ€Catalyzed Radical Relay Reaction. Chinese Journal of Chemistry, 2018, 36, 1147-1150.	4.9	26
80	Specific N-Alkylation of Hydroxypyridines Achieved by a Catalyst- and Base-Free Reaction with Organohalides. Journal of Organic Chemistry, 2018, 83, 6769-6775.	3.2	26
81	Concise synthesis of polyselenides: efficient catalysts for the oxidative cracking reaction of alkenes allowing the utilization of O₂ as a partial oxidant under mild conditions. Sustainable Energy and Fuels, 2020, 4, 730-736.	4.9	26
82	Synergistic effect of T80/B30 vesicles and T80/PN320 mixed micelles with Se/C on nasal mucosal immunity. Chinese Chemical Letters, 2021, 32, 2761-2764.	9.0	26
83	Synthesis of Cu-doped polyaniline nanocomposites (nano Cu@PANI) via the H2O2-promoted oxidative polymerization of aniline with copper salt. Materials Letters, 2019, 242, 170-173.	2.6	25
84	Kilogram-Scale Production of Selenized Glucose. Industrial & Engineering Chemistry Research, 2020, 59, 10763-10767.	3.7	25
85	The Aerobic Oxidation and C=C Bond Cleavage of Styrenes Catalyzed by Cerium(IV) Ammonium Nitrate (CAN). Journal of the Chinese Chemical Society, 2015, 62, 479-482.	1.4	24
86	Design and fabrication of low-loading palladium nano particles on polyaniline (nano Pd@PANI): An effective catalyst for Suzuki cross-coupling with high TON. Materials Letters, 2018, 215, 65-67.	2.6	24
87	Photocatalytic Isomerization of Styrenyl Halides: Stereodivergent Synthesis of Functionalized Alkenes. European Journal of Organic Chemistry, 2020, 2020, 1472-1477.	2.4	24
88	Selenization of cotton products with NaHSe endowing the antibacterial activities. Chinese Chemical Letters, 2022, 33, 205-208.	9.0	24
89	Pd@aluminium foil: a highly efficient and environment-friendly â€œtea bagâ€•style catalyst with high TON. Catalysis Science and Technology, 2012, 2, 1136.	4.1	23
90	A divergent [5+2] cascade approach to bicyclo[3.2.1]octanes: facile synthesis of ent-kaurene and cedrene-type skeletons. Chemical Communications, 2017, 53, 8435-8438.	4.1	23

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91	Enantioâ€•and Regioselective NiHâ€Catalyzed Reductive Hydroarylation of Vinylarenes with Aryl Iodides. Angewandte Chemie, 2020, 132, 21714-21718.	2.0	23
92	Investigation on Preparation of p-Benzoquinone through the Organoselenium-Catalyzed Selective Oxidation of Phenol. Chinese Journal of Organic Chemistry, 2017, 37, 2115.	1.3	22
93	Efficient dehydrative alkylation of thiols with alcohols catalyzed by alkyl halides. Organic and Biomolecular Chemistry, 2017, 15, 9638-9642.	2.8	21
94	Design and application of the recyclable poly(<scp>l</scp>-proline-co-piperidine) catalyst for the synthesis of mesityl oxide from acetone. RSC Advances, 2015, 5, 42178-42185.	3.6	20
95	Poly(N-isopropylacrylamide-co-<scp>l</scp>-proline)-catalyzed Claisenâ€“Schmidt and Knoevenagel condensations: unexpected enhanced catalytic activity of the polymer catalyst. RSC Advances, 2017, 7, 48214-48221.	3.6	20
96	Tuning the phase transition temperature of thermal-responsive OEGylated poly-<scp>l</scp>-glutamate via random copolymerization with<scp>l</scp>-alanine. Soft Matter, 2015, 11, 545-550.	2.7	19
97	Ruthenium-catalyzed oxidative decyanative cross-coupling of acetonitriles with amines in air: a general access to primary to tertiary amides under mild conditions. Catalysis Science and Technology, 2017, 7, 3747-3757.	4.1	19
98	A costâ€effective shortcut to prepare organoselenium catalysts via decarboxylative coupling of phenylacetic acid with elemental selenium. Applied Organometallic Chemistry, 2019, 33, e4599.	3.5	19
99	A novel Pt/Câ€catalyzed transfer hydrogenation reaction of pâ€benzoquinone to produce pâ€hydroquinone using cyclohexanone as an unexpectedly effective hydrogen source. Applied Organometallic Chemistry, 2018, 32, e4505.	3.5	17
100	Dietary Selenized Glucose Increases Selenium Concentration and Antioxidant Capacity of the Liver, Oviduct, and Spleen in Laying Hens. Biological Trace Element Research, 2021, 199, 4746-4752.	3.5	17
101	Micellization behavior of the ionic liquid lauryl isoquinolinium bromide in aqueous solution. Colloid and Polymer Science, 2014, 292, 1111-1120.	2.1	16
102	Organoselenium-Catalyzed Polymerization of Aniline with Hydrogen Peroxide as Oxidant. Synlett, 2019, 30, 1703-1707.	1.8	16
103	Photoredoxâ€Catalyzed Simultaneous Olefin Hydrogenation and Alcohol Oxidation over Crystalline Porous Polymeric Carbon Nitride. ChemSusChem, 2021, 14, 3344-3350.	6.8	16
104	Halohydroxylation of 1-Cyclopropylallenes: An Efficient and Stereoselective Method for the Preparation of Multisubstituted Olefins. Journal of Organic Chemistry, 2008, 73, 6895-6898.	3.2	15
105	Cerium(IV) Ammonium Nitrateâ€“Mediated Oxidation of Mono-aryl-substituted Methylenecyclobutanes: A Convenient Method for the Synthesis of Spirocyclobutyl-1,2-dioxethanes. Synthetic Communications, 2011, 41, 2530-2538.	2.1	15
106	Synthesis of LiPF₆ Using CaF₂ as the Fluorinating Agent Directly: An Advanced Industrial Production Process Fully Harmonious to the Environments. Industrial & Engineering Chemistry Research, 2019, 58, 20491-20494.	3.7	15
107	Ligandâ€Enabled Nickelâ€Catalyzed Redoxâ€Relay Migratory Hydroarylation of Alkenes with Arylborons. Angewandte Chemie, 2020, 132, 9271-9276.	2.0	15
108	Practical and scalable preparation of 2-methyleneglutaronitrile via an efficient and highly selective head-to-tail dimerization of acrylonitrile catalysed by low-loading of tricyclohexylphosphine. RSC Advances, 2014, 4, 19122.	3.6	14

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109	l -Proline and thiourea co-catalyzed condensation of acetone. Tetrahedron, 2016, 72, 4076-4080.	1.9	14
110	Rhenium-promoted Pt/WO₃/ZrO₂: an efficient catalyst for aqueous glycerol hydrogenolysis under reduced H₂ pressure. RSC Advances, 2016, 6, 86663-86672.	3.6	14
111	Enantioselective NiH/Pmroxâ€Catalyzed 1,2â€Reduction of Î±,Î²â€Unsaturated Ketones. Angewandte Chemie, 2017, 129, 2054-2057.	2.0	14
112	Practical preparation of methyl isobutyl ketone by stepwise isopropylation reaction of acetone. Molecular Catalysis, 2017, 432, 99-103.	2.0	14
113	Design and synthesis of ruthenium nanoparticles on polyanilines (nano Ru@PANIs) via Ru-catalyzed aerobic oxidative polymerization of anilines. Materials Letters, 2019, 234, 216-219.	2.6	14
114	Yolkâ€“shell or yolk-in-shell nanocatalysts? A proof-of-concept study. Journal of Materials Chemistry A, 2020, 8, 10217-10225.	10.3	14
115	Alkyl Carbazates for Electrochemical Deoxygenative Functionalization of Heteroarenes. Angewandte Chemie, 2020, 132, 10951-10955.	2.0	14
116	Autocatalytic deoximation reactions driven by visible light. Reaction Chemistry and Engineering, 2021, 6, 119-124.	3.7	14
117	AIBNâ€Initiated Oxidative Deoximation Reaction: A Metalâ€Free and Environmentallyâ€Friendly Protocol. Asian Journal of Organic Chemistry, 2021, 10, 614-618.	2.7	14
118	Palladium-Catalyzed Reaction of Olefins with PhI(OAc)2-TBAB System: An Efficient and Highly Selective Bisfunctionalization Strategy. Synlett, 2011, 2011, 579-581.	1.8	13
119	Design of Free Triblock Polylysine-b-Polyleucine-b-Polylysine Chains for Gene Delivery. Biomacromolecules, 2018, 19, 1347-1357.	5.4	13
120	Unexpected Pd/C-catalyzed room temperature and atmospheric pressure hydrogenation of 2-methylenecyclobutanones. Molecular Catalysis, 2019, 474, 110450.	2.0	13
121	Synergetic catalysis of Se and Cu allowing diethoxylation of halomethylene ketones using O₂ as the mild oxidant. Reaction Chemistry and Engineering, 2021, 6, 454-458.	3.7	13
122	Copper-Catalyzed Selectivity-Switchable Dehydration/Beckmann Rearrangement Reactions of Aldoxime. Chinese Journal of Organic Chemistry, 2018, 38, 2736.	1.3	13
123	Tandem Michaelâ€“Nucleouphilic Addition of 2â€Cyclopropylidene Propionaldehydeâ€”A Novel Method for the Synthesis of Spirocyclopropaneâ€Annulated Heterocycles. Synthetic Communications, 2005, 35, 1253-1261.	2.1	12
124	Free radical mediated bromization of methylenecyclopropanes: Preparation of 2,4-dibromobutenes without transition metal. Chinese Chemical Letters, 2007, 18, 121-123.	9.0	12
125	Synthesis of heterocycle-tethered acylbenzofurans and benzodifurans from odorless and recyclable organoseleno polystyrene resin. RSC Advances, 2014, 4, 49170-49179.	3.6	12
126	Hypervalent iodine mediated alkene difunctionalization of vinylphenols: diastereoselective synthesis of substituted indoles and indolizines. Chemical Communications, 2015, 51, 6399-6402.	4.1	12

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127	Proline and secondary amine co-catalyzed condensation of cyclobutanone with aldehydes: a facile access to 2-methylenecyclobutanones under near neutral conditions. Tetrahedron Letters, 2015, 56, 6116-6119.	1.4	12
128	Ca(OH)2-Catalyzed Condensation of Aldehydes with Methyl ketones in Dilute Aqueous Ethanol: A Comprehensive Access to Î±,Î²-Unsaturated Ketones. Scientific Reports, 2016, 6, 30432.	3.3	12
129	Diastereoselective Total Synthesis of the Euphorbia Diterpenoid Pepluanolâ€...A: A Reductive Annulation Approach. Angewandte Chemie, 2017, 129, 9024-9027.	2.0	12
130	Design and fabrication of the Fe/Cl-doped Al foil-supported copper nano-material as the high turnover number catalyst for Suzuki coupling. Materials Letters, 2018, 226, 63-66.	2.6	12
131	DMSOâ€Triggered Complete Oxygen Transfer Leading to Accelerated Aqueous Hydrolysis of Organohalides under Mild Conditions. ChemSusChem, 2019, 12, 2994-2998.	6.8	12
132	Polyanilineâ€Supported Tungstenâ€Catalyzed Green and Selective Oxidation of Alcohols. ChemistrySelect, 2021, 6, 7599-7603.	1.5	12
133	Methylselenized Glucose: Improvement of the Stability of Glucose-Supported Selenium via the End-Capping Strategy. Industrial & Engineering Chemistry Research, 2021, 60, 8659-8663.	3.7	11
134	Uranyl-catalysed Câ€“H alkynylation and olefination. Organic Chemistry Frontiers, 2021, 8, 5968-5974.	4.5	11
135	Polyaniline-Supported Copper-Catalyzed Buchwald-Hartwig Couplings of Pyrimidin-2-amines. Chinese Journal of Organic Chemistry, 2020, 40, 2570.	1.3	11
136	Highly crystalline K-intercalated Se/C: an easily accessible mesoporous material catalyzing the epoxidation of Î²-ionone. Catalysis Science and Technology, 2022, 12, 2241-2247.	4.1	11
137	Injectable supramolecular hydrogels via inclusion complexation of mPEG-grafted copolyglutamate with Î±-cyclodextrin. Chinese Journal of Polymer Science (English Edition), 2015, 33, 1140-1149.	3.8	10
138	Direct access to xylene solution of polyanilines via emulsion polymerization-extraction method facilitating the preparation of conductive film materials. Materials Letters, 2019, 254, 361-363.	2.6	10
139	Reaction of aniline with KMnO4 to synthesize polyaniline-supported Mn nanocomposites: An unexpected heterogeneous free radical scavenger. Materials Letters, 2019, 251, 222-225.	2.6	10
140	Progresses in synthetic technology development for the production of <scp>l</scp>-lactide. Organic and Biomolecular Chemistry, 2021, 19, 10288-10295.	2.8	10
141	Chloro-free synthesis of LiPF6 using the fluorine-oxygen exchange technique. Chinese Chemical Letters, 2022, 33, 4061-4063.	9.0	10
142	Synthesis, application and industrialization of LiFSI: A review and perspective. Journal of Power Sources, 2022, 535, 231481.	7.8	9
143	Polyaniline-Supported Zinc Oxide Nanocomposite-Catalyzed Condensation of Lactic Acid to Lactide with High Yield and Optical Purity. ACS Sustainable Chemistry and Engineering, 2022, 10, 7658-7663.	6.7	9
144	Ureaâ€“Hydrogen Peroxide Complex: A Selective Oxidant in the Synthesis of 2-Phenylselenyl-1,3-butadienes. Synthetic Communications, 2008, 38, 3142-3150.	2.1	8

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145	Difunctional additions to 1-cyclopropylallenes: an efficient and stereospecific method for the synthesis of 2,6-difunctional-1,3-hexadienes. Tetrahedron Letters, 2009, 50, 1947-1950.	1.4	8
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