Qing Xu

List of Publications by Year
in descending order

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96	4,124	94269 37	123241 61
papers	citations	h-index	g-index

99	99	99	3438
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The effect of flow partition on storm runoff and pollutant retention through raingardens with and without subsurface drainage. Journal of Environmental Management, 2022, 302, 114038.	3.8	2
2	Direct Construction of Quinoxaline Derivatives from Vicinal Diols and oâ€Nitroanilines via NaOHâ€Mediated Intermolecular Cascade Redox and Annulation Reactions. Asian Journal of Organic Chemistry, 2022, 11, .	1.3	1
3	Water oxidation by BrÃ¸nsted acid-catalyzed in situ generated thiol cation: dual function of the acid catalyst leading to transition metal-free substitution and addition reactions of Sâ€“S bonds. Organic Chemistry Frontiers, 2022, 9, 3204-3214.	2.3	6
4	Roomâ€Temperature Palladiumâ€Catalyzed Deuterogenolysis of Carbon Oxygen Bonds towards Deuterated Pharmaceuticals. Angewandte Chemie - International Edition, 2021, 60, 6357-6361.	7.2	32
5	Selective Synthesis of Unsymmetrical N-Heteroaryl Thioethers byBase-Free Direct Multi-Component Reaction. Chinese Journal of Organic Chemistry, 2021, 41, 1193.	0.6	3
6	Synthesis of Benzoxaboroles by ortho-Oxalkylation of Arylboronic Acids with Aldehydes/Ketones in the Presence of BrÃ¸nsted Acids. Organic Letters, 2021, 23, 1986-1990.	2.4	6
7	Efficient Construction of 5 H â€1,4â€Benzodiazepine Derivatives by a Catalystâ€Free Direct Aerobic Oxidative Annulation Strategy. ChemSusChem, 2021, 14, 2866-2871.	3.6	5
8	Reproductive Dynamics of Three Important Clupeiform Food Fishes in the Min River Estuary and Its Adjacent Nearshore Waters, China. Marine and Coastal Fisheries, 2021, 13, 679-692.	0.6	3
9	Photocatalytic Isomerization of Styrenyl Halides: Stereodivergent Synthesis of Functionalized Alkenes. European Journal of Organic Chemistry, 2020, 2020, 1472-1477.	1.2	24
10	Lengthâ€weight relationships of 11 fish species from the Min River Estuary and its adjacent waters, Fujian Province, China. Journal of Applied Ichthyology, 2020, 36, 750-752.	0.3	1
11	Selective construction of alkaloid scaffolds by alcohol-based direct and mild aerobic oxidative Pictetâ€“Spengler reactions. Organic and Biomolecular Chemistry, 2020, 18, 7079-7085.	1.5	10
12	Promoting Effect of Crystal Water Leading to Catalyst-Free Synthesis of Heteroaryl Thioether from Heteroaryl Chloride, Sodium Thiosulfate Pentahydrate, and Alcohol. Journal of Organic Chemistry, 2019, 84, 11294-11300.	1.7	23
13	Intramolecular Arylative Ring Opening of Donorâ€Acceptor Cyclopropanes in the Presence of Triflic Acid: Synthesis of 9Hâ€Fluorenes and 9,10â€Dihydrophenanthrenes. Asian Journal of Organic Chemistry, 2019, 8, 2032-2036.	1.3	12
14	Estimating Errors in Sizing LID Device and Overflow Prediction Using the Intensity-Duration-Frequency Method. Water (Switzerland), 2019, 11, 1853.	1.2	1
15	Organoselenium-Catalyzed Polymerization of Aniline with Hydrogen Peroxide as Oxidant. Synlett, 2019, 30, 1703-1707.	1.0	16
16	Achieving Urban Stormwater Mitigation Goals on Different Land Parcels with a Capacity Trading Approach. Water (Switzerland), 2019, 11, 1091.	1.2	6
17	Water determines the products: an unexpected BrÃ¸nsted acid-catalyzed POâ€“R cleavage of P(<scp>iii</scp>) esters selectively producing P(O)â€“H and P(O)â€“R compounds. Green Chemistry, 2019, 21, 2916-2922.	4.6	18
18	Sodium Selenosulfate from Sodium Sulfite and Selenium Powder: An Odorless Selenylating Reagent for Alkyl Halides to Produce Dialkyl Diselenide Catalysts. Synlett, 2019, 30, 1698-1702.	1.0	6

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19	Efficient Synthesis of Quinazolinones by Transitionâ€Metalâ€Free Direct Aerobic Oxidative Cascade Annulation of Alcohols with oâ€Aminoarylnitriles. ChemSusChem, 2019, 12, 3043-3048.	3.6	43
20	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.	2.1	46
21	Calculation of water environmental capacity and pollutant sharing rate with water diversion: a case study of Qinhuai River. Water Science and Technology: Water Supply, 2019, 19, 1026-1035.	1.0	6
22	DMSOâ€Triggered Complete Oxygen Transfer Leading to Accelerated Aqueous Hydrolysis of Organohalides under Mild Conditions. ChemSusChem, 2019, 12, 2994-2998.	3.6	12
23	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.	3.1	52
24	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.	4.2	56
25	Pd/Mn Bimetallic Relay Catalysis for Aerobic Aldoxime Dehydration to Nitriles. Advanced Synthesis and Catalysis, 2018, 360, 784-790.	2.1	28
26	Copperâ€Catalyzed Dehydrative Cyclization of 1â€(2â€Hydroxyphenyl)propargyl Alcohols with P(O)H Compounds for the Synthesis of 2â€Phosphorylmethylbenzofurans. Advanced Synthesis and Catalysis, 2018, 360, 334-345.	2.1	28
27	Research on Water Environment Regulation of Artificial Playground Lake Interconnected Yangtze River. International Journal of Environmental Research and Public Health, 2018, 15, 2110.	1.2	6
28	Copper-Catalyzed Regioselective and Stereoselective Coupling of Grignard Reagents with Pent-1-en-4-yn-3-yl Benzoates: A Shortcut to (Z)-1,5-Disubstituted Pent-3-en-1-ynes from Accessible Starting Materials. Journal of Organic Chemistry, 2018, 83, 14158-14164.	1.7	5
29	Stereodivergent Synthesis of Î±â€Aminomethyl Cinnamyl Ethers via Photoredoxâ€Catalyzed Radical Relay Reaction. Chinese Journal of Chemistry, 2018, 36, 1147-1150.	2.6	26
30	Alcohol-based Michaelisâ€“Arbuzov reaction: an efficient and environmentally-benign method for Câ€“P(O) bond formation. Green Chemistry, 2018, 20, 3408-3413.	4.6	47
31	Specific N-Alkylation of Hydroxypyridines Achieved by a Catalyst- and Base-Free Reaction with Organohalides. Journal of Organic Chemistry, 2018, 83, 6769-6775.	1.7	26
32	Study on the Rectification of Forebay in Pumping Station. Mathematical Problems in Engineering, 2018, 2018, 1-16.	0.6	11
33	Research on the Relationship between Water Diversion and Water Quality of Xuanwu Lake, China. International Journal of Environmental Research and Public Health, 2018, 15, 1262.	1.2	26
34	Research into the Eutrophication of an Artificial Playground Lake near the Yangtze River. Sustainability, 2018, 10, 867.	1.6	9
35	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.	1.7	17
36	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.	2.1	53

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37	Novel antioxidantsâ€™ synthesis and their anti-oxidative activity through activating Nrf2 signaling pathway. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 1616-1619.	1.0	17
38	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.	2.1	37
39	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.	4.6	67
40	Palladium-Catalyzed Desulfitative Cross-Coupling of Arylsulfonyl Hydrazides with Terminal Alkynes: A General Approach toward Functionalized Internal Alkynes. Journal of Organic Chemistry, 2017, 82, 6764-6769.	1.7	35
41	Selective Aerobic Câ€“H Amination of Phenols with Primary Amines over Copper toward Benzoxazoles. Organic Letters, 2017, 19, 2849-2852.	2.4	27
42	A novel non-ATP competitive FGFR1 inhibitor with therapeutic potential on gastric cancer through inhibition of cell proliferation, survival and migration. Apoptosis: an International Journal on Programmed Cell Death, 2017, 22, 852-864.	2.2	9
43	Metal-free oxidative para-acylation of unprotected anilines with N-heteroarylmethanes. Organic and Biomolecular Chemistry, 2017, 15, 9845-9854.	1.5	16
44	Efficient dehydrative alkylation of thiols with alcohols catalyzed by alkyl halides. Organic and Biomolecular Chemistry, 2017, 15, 9638-9642.	1.5	21
45	Synthesis and evaluation of asymmetric curcuminoid analogs as potential anticancer agents that downregulate NF-ÎºB activation and enhance the sensitivity of gastric cancer cell lines to irinotecan chemotherapy. European Journal of Medicinal Chemistry, 2017, 139, 917-925.	2.6	31
46	Synthesis, biological evaluation, QSAR and molecular dynamics simulation studies of potential fibroblast growth factor receptor 1 inhibitors for the treatment of gastric cancer. European Journal of Medicinal Chemistry, 2017, 127, 885-899.	2.6	18
47	Aldehyde/ketone-catalyzed highly selective synthesis of 9-monoalkylated fluorenes by dehydrative C-alkylation with primary and secondary alcohols. Green Chemistry, 2017, 19, 623-628.	4.6	33
48	Investigation on Preparation of p-Benzoquinone through the Organoselenium-Catalyzed Selective Oxidation of Phenol. Chinese Journal of Organic Chemistry, 2017, 37, 2115.	0.6	22
49	Rhodiumâ€•and Iridiumâ€Catalyzed Asymmetric Addition of Optically Pure Pâ€Chiral Hâ€Phosphinates to Aldehydes Leading to Optically Active Î±â€Hydroxyphosphinates. Chemistry - A European Journal, 2016, 22, 6213-6217.	1.7	9
50	Selective catalytic Hofmann N-alkylation of poor nucleophilic amines and amides with catalytic amounts of alkyl halides. Green Chemistry, 2016, 18, 3940-3944.	4.6	56
51	N-Alkylation by Hydrogen Autotransfer Reactions. Topics in Current Chemistry, 2016, 374, 27.	3.0	50
52	Simple Synthesis of Benzazoles by Substrate-Promoted CuI-Catalyzed Aerobic Oxidative Cyclocondensation of o-Thio/Amino/Hydroxyanilines and Amines under Air. Catalysis Letters, 2016, 146, 2139-2148.	1.4	31
53	Visibleâ€Lightâ€Promoted Metalâ€Free Aerobic Oxidation of Primary Amines to Acids and Lactones. Chemistry - A European Journal, 2016, 22, 17566-17570.	1.7	17
54	Clean synthesis of primary to tertiary carboxamides by CsOH-catalyzed aminolysis of nitriles in water. Green Chemistry, 2016, 18, 4865-4870.	4.6	45

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55	Stereospecific Preparations of P-Stereogenic Phosphonothioates and Phosphonoselenoates. Journal of Organic Chemistry, 2016, 81, 6843-6847.	1.7	34
56	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.	1.6	12
57	Visibleâ€Light Promoted Distereodivergent Intramolecular Oxyamidation of Alkenes. Chemistry - A European Journal, 2016, 22, 18695-18699.	1.7	44
58	Efficient synthesis of unsymmetrical heteroaryl thioethers and chalcogenides by alkali hydroxide-mediated S_NAr reactions of heteroaryl halides and dichalcogenides. RSC Advances, 2016, 6, 56930-56935.	1.7	27
59	Efficient and practical catalyst-free-like dehydrative N-alkylation of amines and sulfinamides with alcohols initiated by aerobic oxidation of alcohols under air. Tetrahedron, 2016, 72, 264-272.	1.0	33
60	Organoselenium-catalyzed selectivity-switchable oxidation of Î²-ionone. Catalysis Science and Technology, 2016, 6, 1804-1809.	2.1	64
61	N-Alkylation by Hydrogen Autotransfer Reactions. Topics in Current Chemistry Collections, 2016, , 291-364.	0.2	7
62	Heterocycles from methylenecyclopropanes. Organic and Biomolecular Chemistry, 2015, 13, 8379-8392.	1.5	112
63	Organohalide-catalyzed dehydrative O-alkylation between alcohols: a facile etherification method for aliphatic ether synthesis. Green Chemistry, 2015, 17, 2774-2779.	4.6	56
64	Structure-dependent tautomerization induced catalyst-free autocatalyzed N-alkylation of heteroaryl amines with alcohols. Green Chemistry, 2015, 17, 3260-3265.	4.6	67
65	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.	2.1	75
66	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.	2.1	60
67	Unexpectedly Simple Synthesis of Benzazoles by tBuONaâ€Catalyzed Direct Aerobic Oxidative Cyclocondensation of oâ€Thio/Hydroxy/Aminoanilines with Alcohols under Air. Chemistry - A European Journal, 2015, 21, 9988-9993.	1.7	84
68	Heck Reactions Catalyzed by Ultrasmall and Uniform Pd Nanoparticles Supported on Polyaniline. Journal of Organic Chemistry, 2015, 80, 8677-8683.	1.7	116
69	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.	4.6	85
70	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.	4.6	56
71	Catalystâ€Free Dehydrative Î±â€Alkylation of Ketones with Alcohols: Green and Selective Autocatalyzed Synthesis of Alcohols and Ketones. Angewandte Chemie - International Edition, 2014, 53, 225-229.	7.2	175
72	Synthesis of heterocycle-tethered acylbenzofurans and benzodifurans from odorless and recyclable organoseleno polystyrene resin. RSC Advances, 2014, 4, 49170-49179.	1.7	12

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73	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.	4.6	38
74	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.	1.7	14
75	Copper-Catalyzed Aerobic Oxidative Amination of sp³Câ€“H Bonds: Efficient Synthesis of 2-Hetarylquinazolin-4(3H)-ones. Organic Letters, 2014, 16, 3672-3675.	2.4	106
76	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.	1.7	59
77	Organoselenium-Catalyzed Mild Dehydration of Aldoximes: An Unexpected Practical Method for Organonitrile Synthesis. Organic Letters, 2014, 16, 1346-1349.	2.4	141
78	Cu(I)/TEMPO-catalyzed aerobic oxidative synthesis of imines directly from primary and secondary amines under ambient and neat conditions. Tetrahedron Letters, 2013, 54, 2861-2864.	0.7	97
79	Green and Scalable Aldehydeâ€Catalyzed Transition Metalâ€Free Dehydrative Nâ€Alkylation of Amides and Amines with Alcohols. Advanced Synthesis and Catalysis, 2013, 355, 73-80.	2.1	97
80	Aldehydeâ€Catalyzed Transition Metalâ€Free Dehydrative Î²â€Alkylation of Methyl Carbinols with Alcohols. Advanced Synthesis and Catalysis, 2013, 355, 697-704.	2.1	96
81	Iron-Catalyzed Direct Synthesis of Imines from Amines or Alcohols and Amines via Aerobic Oxidative Reactions under Air. Organic Letters, 2013, 15, 2704-2707.	2.4	188
82	Direct Synthesis of Methylene-1,2-dichalcogenolanes via Radical [3 + 2] Cycloaddition of Methylenecyclopropanes with Elemental Chalcogens. Organic Letters, 2013, 15, 144-147.	2.4	75
83	Efficient Synthesis of Unsymmetrical Heteroaryl Ethers by a Transition Metalâ€Free Cï£¿O Crossâ€Coupling Reaction of Activated and Unactivated Heteroaryl Chlorides with Alcohols and Phenols. Chinese Journal of Chemistry, 2013, 31, 764-772.	2.6	21
84	Transition Metal-Catalyzed Efficient and Green Transformations of P(O)-H Compounds to Functional Organophosphorus Compounds. Mini-Reviews in Medicinal Chemistry, 2013, 13, 824-835.	1.1	25
85	Recent Advances of Transition Metal-Catalyzed Aerobic Dehydrative Reactions of Alcohols and Amines and Related Researches. Chinese Journal of Organic Chemistry, 2013, 33, 18.	0.6	29
86	General, Green, and Scalable Synthesis of Imines from Alcohols and Amines by a Mild and Efficient Copperâ€Catalyzed Aerobic Oxidative Reaction in Open Air at Room Temperature. Advanced Synthesis and Catalysis, 2012, 354, 2671-2677.	2.1	92
87	Palladiumâ€Catalyzed Nâ€Alkylation of Amides and Amines with Alcohols Employing the Aerobic Relay Race Methodology. Chinese Journal of Chemistry, 2012, 30, 2322-2332.	2.6	33
88	Direct and mild palladium-catalyzed aerobic oxidative synthesis of imines from alcohols and amines under ambient conditions. Chemical Communications, 2011, 47, 10833.	2.2	144
89	A new oxapalladacycle generated via ortho Câ€“H activation of phenylphosphinic acid: an efficient catalyst for Markovnikov-type additions of Eâ€“H bonds to alkynes. Chemical Communications, 2011, 47, 2333-2335.	2.2	32
90	Metal-catalyzed additions of Hâ€“P(O) bonds to carbonâ€“carbon unsaturated bonds. Journal of Organometallic Chemistry, 2011, 696, 130-140.	0.8	121

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91	Microwave-Promoted TBAF-Catalyzed SNAr Reaction of Aryl Fluorides and ArSTMS: An Efficient Synthesis of Unsymmetrical Diaryl Thioethers. Synlett, 2011, 2011, 1143-1148.	1.0	6
92	Stereospecific Nucleophilic Substitution of Optically Pure H-Phosphinates: A General Way for the Preparation of Chiral P-Stereogenic Phosphine Oxides. Journal of the American Chemical Society, 2008, 130, 12648-12655.	6.6	169
93	Palladium-Catalyzed Asymmetric Hydrophosphorylation of Norbornenes. Organic Letters, 2006, 8, 2099-2101.	2.4	85
94	Facile Synthesis of Î²-Organotellurobutenolides via Electrophilic Tellurolactonization ofÎ±-Allenoic Acids. Journal of Organic Chemistry, 2005, 70, 6948-6951.	1.7	23
95	Free Radical Reaction of Dialkyl Phosphites and Organic Dichalcogenides: A New Facile and Convenient Preparation of Arylselenophosphates. Synthetic Communications, 2003, 33, 2777-2785.	1.1	33
96	FREE RADICAL REACTION OF SODIUM ARENESULFINATES WITH ACETYLENES: NEW REGIO- AND STEREOSELECTIVE PREPARATION OF (E)-Î²-(PHENYLSELENO)VINYL SULFONES. Synthetic Communications, 2002, 32, 1243-1249.	1.1	12