

Qing Xu

List of Publications by Year in descending order

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96
papers

4,124
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94269

37
h-index

123241

61
g-index

99
all docs

99
docs citations

99
times ranked

3438
citing authors

#	ARTICLE	IF	CITATIONS
1	Iron-Catalyzed Direct Synthesis of Imines from Amines or Alcohols and Amines via Aerobic Oxidative Reactions under Air. <i>Organic Letters</i> , 2013, 15, 2704-2707.	2.4	188
2	Catalyst-Free Dehydrative α -Alkylation of Ketones with Alcohols: Green and Selective Autocatalyzed Synthesis of Alcohols and Ketones. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 225-229.	7.2	175
3	Stereospecific Nucleophilic Substitution of Optically Pure <i>trans</i> -Phosphinates: A General Way for the Preparation of Chiral P-Stereogenic Phosphine Oxides. <i>Journal of the American Chemical Society</i> , 2008, 130, 12648-12655.	6.6	169
4	Direct and mild palladium-catalyzed aerobic oxidative synthesis of imines from alcohols and amines under ambient conditions. <i>Chemical Communications</i> , 2011, 47, 10833.	2.2	144
5	Organoselenium-Catalyzed Mild Dehydration of Aldoximes: An Unexpected Practical Method for Organonitrile Synthesis. <i>Organic Letters</i> , 2014, 16, 1346-1349.	2.4	141
6	Metal-catalyzed additions of H-P(O) bonds to carbon-carbon unsaturated bonds. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 130-140.	0.8	121
7	Heck Reactions Catalyzed by Ultrasmall and Uniform Pd Nanoparticles Supported on Polyaniline. <i>Journal of Organic Chemistry</i> , 2015, 80, 8677-8683.	1.7	116
8	Heterocycles from methylenecyclopropanes. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 8379-8392.	1.5	112
9	Copper-Catalyzed Aerobic Oxidative Amination of sp^3 C-H Bonds: Efficient Synthesis of 2-Hetarylquinazolin-4(3 <i>H</i>)-ones. <i>Organic Letters</i> , 2014, 16, 3672-3675.	2.4	106
10	Cu(I)/TEMPO-catalyzed aerobic oxidative synthesis of imines directly from primary and secondary amines under ambient and neat conditions. <i>Tetrahedron Letters</i> , 2013, 54, 2861-2864.	0.7	97
11	Green and Scalable Aldehyde-Catalyzed Transition Metal-Free Dehydrative α -Alkylation of Amides and Amines with Alcohols. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 73-80.	2.1	97
12	Aldehyde-Catalyzed Transition Metal-Free Dehydrative α -Alkylation of Methyl Carbinols with Alcohols. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 697-704.	2.1	96
13	General, Green, and Scalable Synthesis of Imines from Alcohols and Amines by a Mild and Efficient Copper-Catalyzed Aerobic Oxidative Reaction in Open Air at Room Temperature. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 2671-2677.	2.1	92
14	Palladium-Catalyzed Asymmetric Hydrophosphorylation of Norbornenes. <i>Organic Letters</i> , 2006, 8, 2099-2101.	2.4	85
15	Facile synthesis of 2-methylenecyclobutanones via $Ca(OH)_2$ -catalyzed direct condensation of cyclobutanone with aldehydes and $(PhSe)_2$ -catalyzed Baeyer-Villiger oxidation to 4-methylenebutanolides. <i>Green Chemistry</i> , 2014, 16, 287-293.	4.6	85
16	Unexpectedly Simple Synthesis of Benzazoles by <i>tert</i> -BuONa-Catalyzed Direct Aerobic Oxidative Cyclocondensation of α -Thio/Hydroxy/Aminoanilines with Alcohols under Air. <i>Chemistry - A European Journal</i> , 2015, 21, 9988-9993.	1.7	84
17	Direct Synthesis of Methylene-1,2-dichalcogenolanes via Radical [3 + 2] Cycloaddition of Methylenecyclopropanes with Elemental Chalcogens. <i>Organic Letters</i> , 2013, 15, 144-147.	2.4	75
18	Organoselenium-Catalyzed Baeyer-Villiger Oxidation of α,β -Unsaturated Ketones by Hydrogen Peroxide to Access Vinyl Esters. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 955-960.	2.1	75

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19	Structure-dependent tautomerization induced catalyst-free autocatalyzed N-alkylation of heteroaryl amines with alcohols. <i>Green Chemistry</i> , 2015, 17, 3260-3265.	4.6	67
20	Synthesis of 2-substituted quinazolines by CsOH-mediated direct aerobic oxidative cyclocondensation of 2-aminoarylmethanols with nitriles in air. <i>Green Chemistry</i> , 2017, 19, 2945-2951.	4.6	67
21	Organoselenium-catalyzed selectivity-switchable oxidation of Î ² -ionone. <i>Catalysis Science and Technology</i> , 2016, 6, 1804-1809.	2.1	64
22	Recyclable (PhSe) ₂ -catalyzed selective oxidation of isatin by H ₂ O ₂ : a practical and waste-free access to isatoic anhydride under mild and neutral conditions. <i>Catalysis Science and Technology</i> , 2015, 5, 4830-4838.	2.1	60
23	Recyclable 1,2-bis[3,5-bis(trifluoromethyl)phenyl]diselane-catalyzed oxidation of cyclohexene with H ₂ O ₂ : a practical access to <i>trans</i> -1,2-cyclohexanediol. <i>Applied Organometallic Chemistry</i> , 2014, 28, 652-656.	1.7	59
24	Efficient and selective nitrile hydration reactions in water catalyzed by an unexpected dimethylsulfinyl anion generated in situ from CsOH and DMSO. <i>Green Chemistry</i> , 2014, 16, 2136-2141.	4.6	56
25	Organohalide-catalyzed dehydrative O-alkylation between alcohols: a facile etherification method for aliphatic ether synthesis. <i>Green Chemistry</i> , 2015, 17, 2774-2779.	4.6	56
26	Selective catalytic Hofmann N-alkylation of poor nucleophilic amines and amides with catalytic amounts of alkyl halides. <i>Green Chemistry</i> , 2016, 18, 3940-3944.	4.6	56
27	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. <i>Science China Chemistry</i> , 2018, 61, 294-299.	4.2	56
28	Fabrication of Se/C using carbohydrates as biomass starting materials: an efficient catalyst for regiospecific epoxidation of Î ² -ionone with ultrahigh turnover numbers. <i>Catalysis Science and Technology</i> , 2018, 8, 5017-5023.	2.1	53
29	Probing the support effect at the molecular level in the polyaniline-supported palladium nanoparticle-catalyzed Ullmann reaction of aryl iodides. <i>Journal of Catalysis</i> , 2018, 360, 250-260.	3.1	52
30	N-Alkylation by Hydrogen Autotransfer Reactions. <i>Topics in Current Chemistry</i> , 2016, 374, 27.	3.0	50
31	Alcohol-based Michaelis-Arbuzov reaction: an efficient and environmentally-benign method for Câ-P(O) bond formation. <i>Green Chemistry</i> , 2018, 20, 3408-3413.	4.6	47
32	Iron-Enabled Utilization of Air as the Terminal Oxidant Leading to Aerobic Oxidative Deoxygenation by Organoselenium Catalysis. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 603-610.	2.1	46
33	Clean synthesis of primary to tertiary carboxamides by CsOH-catalyzed aminolysis of nitriles in water. <i>Green Chemistry</i> , 2016, 18, 4865-4870.	4.6	45
34	Visible-Light Promoted Distereodivergent Intramolecular Oxyamidation of Alkenes. <i>Chemistry - A European Journal</i> , 2016, 22, 18695-18699.	1.7	44
35	Efficient Synthesis of Quinazolinones by Transition-Metal-Free Direct Aerobic Oxidative Cascade Annulation of Alcohols with <i>o</i> -Aminoarylnitriles. <i>ChemSusChem</i> , 2019, 12, 3043-3048.	3.6	43
36	Sulfur-silicon bond activation catalysed by Cl/Br ions: waste-free synthesis of unsymmetrical thioethers by replacing fluoride catalysis and fluorinated substrates in SNAr reactions. <i>Green Chemistry</i> , 2014, 16, 3444.	4.6	38

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37	Efficient Generation of C–S Bonds via a Product-Promoted Selective Coupling of Alcohols, Organic Halides, and Thiourea. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 1649-1655.	2.1	37
38	Palladium-Catalyzed Desulfurative Cross-Coupling of Arylsulfonyl Hydrazides with Terminal Alkynes: A General Approach toward Functionalized Internal Alkynes. <i>Journal of Organic Chemistry</i> , 2017, 82, 6764-6769.	1.7	35
39	Stereospecific Preparations of P-Stereogenic Phosphonothioates and Phosphonoselenoates. <i>Journal of Organic Chemistry</i> , 2016, 81, 6843-6847.	1.7	34
40	Free Radical Reaction of Dialkyl Phosphites and Organic Dichalcogenides: A New Facile and Convenient Preparation of Arylselenophosphates. <i>Synthetic Communications</i> , 2003, 33, 2777-2785.	1.1	33
41	Palladium-Catalyzed N-Alkylation of Amides and Amines with Alcohols Employing the Aerobic Relay Race Methodology. <i>Chinese Journal of Chemistry</i> , 2012, 30, 2322-2332.	2.6	33
42	Efficient and practical catalyst-free-like dehydrative N-alkylation of amines and sulfonamides with alcohols initiated by aerobic oxidation of alcohols under air. <i>Tetrahedron</i> , 2016, 72, 264-272.	1.0	33
43	Aldehyde/ketone-catalyzed highly selective synthesis of 9-monoalkylated fluorenes by dehydrative C-alkylation with primary and secondary alcohols. <i>Green Chemistry</i> , 2017, 19, 623-628.	4.6	33
44	A new oxapalladacycle generated via ortho C–H activation of phenylphosphinic acid: an efficient catalyst for Markovnikov-type additions of C–H bonds to alkynes. <i>Chemical Communications</i> , 2011, 47, 2333-2335.	2.2	32
45	Room-Temperature Palladium-Catalyzed Deuterogenolysis of Carbon Oxygen Bonds towards Deuterated Pharmaceuticals. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 6357-6361.	7.2	32
46	Simple Synthesis of Benzazoles by Substrate-Promoted Cu-Catalyzed Aerobic Oxidative Cyclocondensation of o-Thio/Amino/Hydroxyanilines and Amines under Air. <i>Catalysis Letters</i> , 2016, 146, 2139-2148.	1.4	31
47	Synthesis and evaluation of asymmetric curcuminoid analogs as potential anticancer agents that downregulate NF- κ B activation and enhance the sensitivity of gastric cancer cell lines to irinotecan chemotherapy. <i>European Journal of Medicinal Chemistry</i> , 2017, 139, 917-925.	2.6	31
48	Recent Advances of Transition Metal-Catalyzed Aerobic Dehydrative Reactions of Alcohols and Amines and Related Researches. <i>Chinese Journal of Organic Chemistry</i> , 2013, 33, 18.	0.6	29
49	Pd/Mn Bimetallic Relay Catalysis for Aerobic Aldoxime Dehydration to Nitriles. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 784-790.	2.1	28
50	Copper-Catalyzed Dehydrative Cyclization of (2-Hydroxyphenyl)propargyl Alcohols with P(O)H Compounds for the Synthesis of 2-Phosphorylmethylbenzofurans. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 334-345.	2.1	28
51	Efficient synthesis of unsymmetrical heteroaryl thioethers and chalcogenides by alkali hydroxide-mediated S _N Ar reactions of heteroaryl halides and dichalcogenides. <i>RSC Advances</i> , 2016, 6, 56930-56935.	1.7	27
52	Selective Aerobic C–H Amination of Phenols with Primary Amines over Copper toward Benzoxazoles. <i>Organic Letters</i> , 2017, 19, 2849-2852.	2.4	27
53	Stereodivergent Synthesis of β -Aminomethyl Cinnamyl Ethers via Photoredox-Catalyzed Radical Relay Reaction. <i>Chinese Journal of Chemistry</i> , 2018, 36, 1147-1150.	2.6	26
54	Specific N-Alkylation of Hydroxypyridines Achieved by a Catalyst- and Base-Free Reaction with Organohalides. <i>Journal of Organic Chemistry</i> , 2018, 83, 6769-6775.	1.7	26

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55	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
56	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
57	Photocatalytic Isomerization of Styrenyl Halides: Stereodivergent Synthesis of Functionalized Alkenes. European Journal of Organic Chemistry, 2020, 2020, 1472-1477.	1.2	24
58	Facile Synthesis of β^2 -Organotellurobutenolides via Electrophilic Telluro-lactonization of β^2 -Alleenoic Acids. Journal of Organic Chemistry, 2005, 70, 6948-6951.	1.7	23
59	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
60	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
61	Efficient Synthesis of Unsymmetrical Heteroaryl Ethers by a Transition Metal-Free C–O Cross-Coupling Reaction of Activated and Unactivated Heteroaryl Chlorides with Alcohols and Phenols. Chinese Journal of Chemistry, 2013, 31, 764-772.	2.6	21
62	Efficient dehydrative alkylation of thiols with alcohols catalyzed by alkyl halides. Organic and Biomolecular Chemistry, 2017, 15, 9638-9642.	1.5	21
63	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
64	Water determines the products: an unexpected Brønsted acid-catalyzed PO–R cleavage of P(=O) esters selectively producing P(O)–H and P(O)–R compounds. Green Chemistry, 2019, 21, 2916-2922.	4.6	18
65	Visible-Light-Promoted Metal-Free Aerobic Oxidation of Primary Amines to Acids and Lactones. Chemistry - A European Journal, 2016, 22, 17566-17570.	1.7	17
66	Novel antioxidants synthesis and their anti-oxidative activity through activating Nrf2 signaling pathway. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 1616-1619.	1.0	17
67	A novel Pt/C-catalyzed transfer hydrogenation reaction of p-quinone to produce p-hydroquinone using cyclohexanone as an unexpectedly effective hydrogen source. Applied Organometallic Chemistry, 2018, 32, e4505.	1.7	17
68	Metal-free oxidative para-acylation of unprotected anilines with N-heteroarylmethanes. Organic and Biomolecular Chemistry, 2017, 15, 9845-9854.	1.5	16
69	Organoselenium-Catalyzed Polymerization of Aniline with Hydrogen Peroxide as Oxidant. Synlett, 2019, 30, 1703-1707.	1.0	16
70	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
71	FREE RADICAL REACTION OF SODIUM ARENESULFINATES WITH ACETYLENES: NEW REGIO- AND STEREOSELECTIVE PREPARATION OF (E)- β^2 -(PHENYLSELENO)VINYL SULFONES. Synthetic Communications, 2002, 32, 1243-1249.	1.1	12
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	Ca(OH) ₂ -Catalyzed Condensation of Aldehydes with Methyl ketones in Dilute Aqueous Ethanol: A Comprehensive Access to α,β -Unsaturated Ketones. <i>Scientific Reports</i> , 2016, 6, 30432.	1.6	12
74	Intramolecular Arylative Ring Opening of Donor-Acceptor Cyclopropanes in the Presence of Triflic Acid: Synthesis of 9-Hydroxyfluorenes and 9,10-Dihydrophenanthrenes. <i>Asian Journal of Organic Chemistry</i> , 2019, 8, 2032-2036.	1.3	12
75	DMSO-Triggered Complete Oxygen Transfer Leading to Accelerated Aqueous Hydrolysis of Organohalides under Mild Conditions. <i>ChemSusChem</i> , 2019, 12, 2994-2998.	3.6	12
76	Study on the Rectification of Forebay in Pumping Station. <i>Mathematical Problems in Engineering</i> , 2018, 2018, 1-16.	0.6	11
77	Selective construction of alkaloid scaffolds by alcohol-based direct and mild aerobic oxidative Pictet-Spengler reactions. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 7079-7085.	1.5	10
78	Rhodium- and Iridium-Catalyzed Asymmetric Addition of Optically Pure <i>Chiral</i> Phosphinates to Aldehydes Leading to Optically Active α -Hydroxyphosphinates. <i>Chemistry - A European Journal</i> , 2016, 22, 6213-6217.	1.7	9
79	A novel non-ATP competitive FGFR1 inhibitor with therapeutic potential on gastric cancer through inhibition of cell proliferation, survival and migration. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2017, 22, 852-864.	2.2	9
80	Research into the Eutrophication of an Artificial Playground Lake near the Yangtze River. <i>Sustainability</i> , 2018, 10, 867.	1.6	9
81	N-Alkylation by Hydrogen Autotransfer Reactions. <i>Topics in Current Chemistry Collections</i> , 2016, , 291-364.	0.2	7
82	Microwave-Promoted TBAF-Catalyzed SNAr Reaction of Aryl Fluorides and ArSTMS: An Efficient Synthesis of Unsymmetrical Diaryl Thioethers. <i>Synlett</i> , 2011, 2011, 1143-1148.	1.0	6
83	Research on Water Environment Regulation of Artificial Playground Lake Interconnected Yangtze River. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 2110.	1.2	6
84	Achieving Urban Stormwater Mitigation Goals on Different Land Parcels with a Capacity Trading Approach. <i>Water (Switzerland)</i> , 2019, 11, 1091.	1.2	6
85	Sodium Selenosulfate from Sodium Sulfitite and Selenium Powder: An Odorless Selenylating Reagent for Alkyl Halides to Produce Dialkyl Diselenide Catalysts. <i>Synlett</i> , 2019, 30, 1698-1702.	1.0	6
86	Calculation of water environmental capacity and pollutant sharing rate with water diversion: a case study of Qinhuai River. <i>Water Science and Technology: Water Supply</i> , 2019, 19, 1026-1035.	1.0	6
87	Synthesis of Benzoxaboroles by <i>ortho</i> -Oalkylation of Arylboronic Acids with Aldehydes/Ketones in the Presence of Brønsted Acids. <i>Organic Letters</i> , 2021, 23, 1986-1990.	2.4	6
88	Water oxidation by Brønsted acid-catalyzed <i>in situ</i> generated thiol cation: dual function of the acid catalyst leading to transition metal-free substitution and addition reactions of S-S bonds. <i>Organic Chemistry Frontiers</i> , 2022, 9, 3204-3214.	2.3	6
89	Copper-Catalyzed Regioselective and Stereoselective Coupling of Grignard Reagents with Pent-1-en-4-yn-3-yl Benzoates: A Shortcut to <i>Z</i> -1,5-Disubstituted Pent-3-en-1-ynes from Accessible Starting Materials. <i>Journal of Organic Chemistry</i> , 2018, 83, 14158-14164.	1.7	5
90	Efficient Construction of 5-Hydroxy-4-Benzodiazepine Derivatives by a Catalyst-Free Direct Aerobic Oxidative Annulation Strategy. <i>ChemSusChem</i> , 2021, 14, 2866-2871.	3.6	5

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91	Selective Synthesis of Unsymmetrical <i>N</i> -Heteroaryl Thioethers by Base-Free Direct Multi-Component Reaction. <i>Chinese Journal of Organic Chemistry</i> , 2021, 41, 1193.	0.6	3
92	Reproductive Dynamics of Three Important Clupeiform Food Fishes in the Min River Estuary and Its Adjacent Nearshore Waters, China. <i>Marine and Coastal Fisheries</i> , 2021, 13, 679-692.	0.6	3
93	The effect of flow partition on storm runoff and pollutant retention through raingardens with and without subsurface drainage. <i>Journal of Environmental Management</i> , 2022, 302, 114038.	3.8	2
94	Estimating Errors in Sizing LID Device and Overflow Prediction Using the Intensity-Duration-Frequency Method. <i>Water (Switzerland)</i> , 2019, 11, 1853.	1.2	1
95	Length-Weight relationships of 11 fish species from the Min River Estuary and its adjacent waters, Fujian Province, China. <i>Journal of Applied Ichthyology</i> , 2020, 36, 750-752.	0.3	1
96	Direct Construction of Quinoxaline Derivatives from Vicinal Diols and <i>o</i> -Nitroanilines via NaOH-Mediated Intermolecular Cascade Redox and Annulation Reactions. <i>Asian Journal of Organic Chemistry</i> , 2022, 11, .	1.3	1