

Daoshan Yang

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96
papers

4,542
citations

42
h-index

65
g-index

139
ext. papers

5,183
ext. citations

5.1
avg, IF

5.78
L-index

#	Paper	IF	Citations
96	Copper-catalyzed direct oxysulfonylation of alkenes with dioxygen and sulfonylhydrazides leading to β -ketosulfones. <i>Chemical Communications</i> , 2013 , 49, 10239-41	5.8	236
95	Direct and metal-free arylsulfonylation of alkynes with sulfonylhydrazides for the construction of 3-sulfonated coumarins. <i>Chemical Communications</i> , 2015 , 51, 768-71	5.8	164
94	Metal-Free C(sp)-H/N-H Cross-Dehydrogenative Coupling of Quinoxalinones with Aliphatic Amines under Visible-Light Photoredox Catalysis. <i>Organic Letters</i> , 2018 , 20, 7125-7130	6.2	161
93	Catalyst-free direct arylsulfonylation of N-arylacrylamides with sulfinic acids: a convenient and efficient route to sulfonated oxindoles. <i>Green Chemistry</i> , 2014 , 16, 2988-2991	10	140
92	Copper-catalyzed synthesis of benzimidazoles via cascade reactions of o-haloacetanilide derivatives with amidine hydrochlorides. <i>Journal of Organic Chemistry</i> , 2008 , 73, 7841-4	4.2	131
91	Catalyst-Free Regioselective C-3 Thiocyanation of Imidazopyridines. <i>Journal of Organic Chemistry</i> , 2015 , 80, 11073-9	4.2	121
90	Silver-mediated radical cyclization of alkynoates and β -keto acids leading to coumarins via cascade double C-C bond formation. <i>Journal of Organic Chemistry</i> , 2015 , 80, 1550-6	4.2	118
89	Metal-Free Visible-Light-Induced C \equiv H/C \equiv H Cross-Dehydrogenative-Coupling of Quinoxalin-2(H)-ones with Simple Ethers. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 17252-17257	8.7	113
88	Visible-light-enabled spirocyclization of alkynes leading to 3-sulfonyl and 3-sulfenyl azaspiro[4,5]trienones. <i>Green Chemistry</i> , 2017 , 19, 5608-5613	10	111
87	Visible-light initiated direct oxysulfonylation of alkenes with sulfinic acids leading to β -ketosulfones. <i>Green Chemistry</i> , 2016 , 18, 5630-5634	10	111
86	Metal-free direct trifluoromethylation of activated alkenes with Langlois Reagent leading to CF ₃ -containing oxindoles. <i>Journal of Organic Chemistry</i> , 2014 , 79, 4225-30	4.2	111
85	Metal-Free Oxidative Spirocyclization of Alkynes with Sulfonylhydrazides Leading to 3-Sulfonated Azaspiro[4,5]trienones. <i>Journal of Organic Chemistry</i> , 2015 , 80, 4966-72	4.2	109
84	Visible-light-induced selective synthesis of sulfoxides from alkenes and thiols using air as the oxidant. <i>Green Chemistry</i> , 2017 , 19, 3520-3524	10	95
83	Visible light-induced C \equiv H sulfenylation using sulfinic acids. <i>Green Chemistry</i> , 2017 , 19, 4785-4791	10	95
82	Copper-catalyzed highly selective direct hydrosulfonylation of alkynes with arylsulfinic acids leading to vinyl sulfones. <i>Organic and Biomolecular Chemistry</i> , 2014 , 12, 1861-4	3.9	90
81	A simple and practical copper-catalyzed approach to substituted phenols from aryl halides by using water as the solvent. <i>Chemistry - A European Journal</i> , 2010 , 16, 2366-70	4.8	90
80	Metal-Free Direct Construction of Sulfonamides via Iodine-Mediated Coupling Reaction of Sodium Sulfinates and Amines at Room Temperature. <i>Advanced Synthesis and Catalysis</i> , 2015 , 357, 987-992	5.6	74

79	Direct difunctionalization of alkynes with sulfinic acids and molecular iodine: a simple and convenient approach to (E)-β-iodovinyl sulfones. <i>RSC Advances</i> , 2015 , 5, 4416-4419	3.7	73
78	Iron-catalyzed direct difunctionalization of alkenes with dioxygen and sulfinic acids: a highly efficient and green approach to β-ketosulfones. <i>Organic and Biomolecular Chemistry</i> , 2014 , 12, 7678-81	3.9	72
77	Molecular Iodine-Mediated Difunctionalization of Alkenes with Nitriles and Thiols Leading to β-Acetamido Sulfides. <i>Journal of Organic Chemistry</i> , 2016 , 81, 2252-60	4.2	71
76	Visible-light-enabled oxyazidation of alkenes leading to β-azidoketones in air. <i>Green Chemistry</i> , 2018 , 20, 3197-3202	10	70
75	Efficient copper-catalyzed N-arylations of nitrogen-containing heterocycles and aliphatic amines in water. <i>Green Chemistry</i> , 2010 , 12, 1097	10	67
74	Photocatalyst-Free Visible-Light-Promoted C(sp)-S Coupling: A Strategy for the Preparation of β-Aryl Dithiocarbamates. <i>Organic Letters</i> , 2019 , 21, 7938-7942	6.2	66
73	Metal-free Oxidative Coupling of Aromatic Alkenes with Thiols Leading to (E)-Vinyl Sulfones. <i>Journal of Organic Chemistry</i> , 2017 , 82, 6857-6864	4.2	65
72	Metal-Free Iodine-Catalyzed Direct Arylthiation of Substituted Anilines with Thiols. <i>Journal of Organic Chemistry</i> , 2015 , 80, 6083-92	4.2	65
71	Metal- and photocatalyst-free visible-light-promoted regioselective selenylation of coumarin derivatives via oxidation-induced C-H functionalization. <i>Organic Chemistry Frontiers</i> , 2018 , 5, 2974-2979	5.2	62
70	Metal-free molecular iodine-catalyzed direct sulfonylation of pyrazolones with sodium sulfinates leading to sulfonated pyrazoles at room temperature. <i>Organic Chemistry Frontiers</i> , 2017 , 4, 26-30	5.2	61
69	Visible-Light-Enabled Construction of Thiocarbamates from Isocyanides, Thiols, and Water at Room Temperature. <i>Organic Letters</i> , 2018 , 20, 5291-5295	6.2	59
68	Photocatalyst-Free Regioselective C-H Thiocyanation of 4-Anilinocoumarins under Visible Light. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 14009-14015	8.3	58
67	Copper-Catalyzed Selenylation of Imidazo[1,2-a]pyridines with Selenium Powder via a Radical Pathway. <i>Journal of Organic Chemistry</i> , 2017 , 82, 2906-2913	4.2	55
66	Metal-Free Synthesis of Thiosulfonates via Insertion of Sulfur Dioxide. <i>Advanced Synthesis and Catalysis</i> , 2019 , 361, 1808-1814	5.6	55
65	Copper-Catalyzed Regioselective Cleavage of C-X and C-H Bonds: A Strategy for Sulfur Dioxide Fixation. <i>Chemistry - A European Journal</i> , 2018 , 24, 4423-4427	4.8	55
64	Magnetically recoverable and reusable CuFe ₂ O ₄ nanoparticle-catalyzed synthesis of benzoxazoles, benzothiazoles and benzimidazoles using dioxygen as oxidant. <i>RSC Advances</i> , 2014 , 4, 17832-17839	3.7	55
63	Catalyst-free direct decarboxylative coupling of β-keto acids with thiols: a facile access to thioesters. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 7323-30	3.9	55
62	Metal-free iodine-mediated synthesis of vinyl sulfones at room temperature using water as solvent. <i>RSC Advances</i> , 2015 , 5, 37013-37017	3.7	52

61	Copper-Catalyzed Synthesis of 1,2,4-Benzothiadiazine 1,1-Dioxide Derivatives by Coupling of 2-Halobenzenesulfonamides with Amidines. <i>Advanced Synthesis and Catalysis</i> , 2009 , 351, 1999-2004	5.6	48
60	Visible-light-induced regioselective cross-dehydrogenative coupling of 2-isothiocyanatonaphthalenes with amines using molecular oxygen. <i>Science China Chemistry</i> , 2020 , 63, 1652-1658	7.9	47
59	Silver-catalyzed direct spirocyclization of alkynes with thiophenols: a simple and facile approach to 3-thioazaspiro[4,5]trienones. <i>RSC Advances</i> , 2015 , 5, 84657-84661	3.7	46
58	Silver-catalyzed double-decarboxylative cross-coupling of β -keto acids with cinnamic acids in water: a strategy for the preparation of chalcones. <i>Journal of Organic Chemistry</i> , 2015 , 80, 3258-63	4.2	45
57	Metal-free iodine-catalyzed direct cross-dehydrogenative coupling (CDC) between pyrazoles and thiols. <i>Organic Chemistry Frontiers</i> , 2016 , 3, 1457-1461	5.2	43
56	A novel sustainable strategy for the synthesis of phenols by magnetic CuFe ₂ O ₄ -catalyzed oxidative hydroxylation of arylboronic acids under mild conditions in water. <i>Tetrahedron</i> , 2014 , 70, 3630-3634	2.4	43
55	Direct difunctionalization of alkenes with sulfinic acids and NBS leading to β -bromo sulfones. <i>Tetrahedron Letters</i> , 2015 , 56, 1808-1811	2	42
54	Copper-Catalyzed Domino Synthesis of Benzimidazo[2,1-b]quin- azolin-12(6H)-ones Using Cyanamide as a Building Block. <i>Advanced Synthesis and Catalysis</i> , 2012 , 354, 477-482	5.6	42
53	Label-free fluorescence turn-on aptasensor for prostate-specific antigen sensing based on aggregation-induced emission-silica nanospheres. <i>Analytical and Bioanalytical Chemistry</i> , 2017 , 409, 5757-5765	4.4	40
52	Iodine-catalyzed Direct Thiolation of Indoles with Thiols Leading to 3-Thioindoles Using Air as the Oxidant. <i>Catalysis Letters</i> , 2016 , 146, 1743-1748	2.8	40
51	Direct coupling of haloquinolines and sulfonyl chlorides leading to sulfonylated quinolines in water. <i>Tetrahedron Letters</i> , 2019 , 60, 214-218	2	40
50	Environmentally friendly iron-catalyzed cascade synthesis of 1,2,4-benzothiadiazine 1,1-dioxide and quinazolinone derivatives. <i>ACS Combinatorial Science</i> , 2009 , 11, 653-7		38
49	Copper-catalyzed domino synthesis of nitrogen heterocycle-fused benzoimidazole and 1,2,4-benzothiadiazine 1,1-dioxide derivatives. <i>ACS Combinatorial Science</i> , 2015 , 17, 113-9	3.9	37
48	DMSO-promoted regioselective synthesis of sulfenylated pyrazoles via a radical pathway. <i>Organic Chemistry Frontiers</i> , 2017 , 4, 1367-1371	5.2	36
47	Functionalizations of Aryl C-H Bonds in 2-Arylpyridines via Sequential Borylation and Copper Catalysis. <i>Advanced Synthesis and Catalysis</i> , 2012 , 354, 2211-2217	5.6	36
46	Metal-Free Catalytic Synthesis of Thiocarbamates Using Sodium Sulfinates as the Sulfur Source. <i>Journal of Organic Chemistry</i> , 2019 , 84, 2976-2983	4.2	35
45	Mesoporous Poly(melamine-formaldehyde): A Green and Recyclable Heterogeneous Organocatalyst for the Synthesis of Benzoxazoles and Benzothiazoles Using Dioxygen as Oxidant. <i>ChemCatChem</i> , 2014 , 6, 3434-3439	5.2	34
44	Metal-free n-Et ₄ NBr-catalyzed radical cyclization of disulfides and alkynes leading to benzothiophenes under mild conditions. <i>RSC Advances</i> , 2014 , 4, 48547-48553	3.7	33

43	Direct thiolation of methoxybenzenes with thiols under metal-free conditions by iodine catalysis. <i>Tetrahedron Letters</i> , 2015 , 56, 4792-4795	2	31
42	Metal-free direct construction of sulfenylated pyrazoles via the NaOH promoted sulfenylation of pyrazolones with aryl thiols. <i>RSC Advances</i> , 2016 , 6, 51830-51833	3-7	31
41	Metal-free direct difunctionalization of alkenes with I ₂ O ₅ and P(O)H ₃ compounds leading to diodophosphates. <i>Organic Chemistry Frontiers</i> , 2015 , 2, 1356-1360	5-2	30
40	Copper-catalyzed domino synthesis of benzo[b]thiophene/imidazo[1,2-a]pyridines by sequential Ullmann-type coupling and intramolecular C(sp ²)H thiolation. <i>Organic Chemistry Frontiers</i> , 2016 , 3, 66-70	5-2	29
39	Copper-catalyzed cyanoalkylarylation of activated alkenes with AIBN: a convenient and efficient approach to cyano-containing oxindoles. <i>RSC Advances</i> , 2014 , 4, 48535-48538	3-7	29
38	Copper-catalyzed aerobic oxidative synthesis of aromatic carboxylic acids. <i>Chemical Communications</i> , 2011 , 47, 2348-50	5-8	29
37	Visible-light-promoted oxidative desulphurisation: a strategy for the preparation of unsymmetrical ureas from isothiocyanates and amines using molecular oxygen. <i>Green Chemistry</i> , 2020 , 22, 2956-2962	10	28
36	Metal-free IO-mediated direct construction of sulfonamides from thiols and amines. <i>Organic and Biomolecular Chemistry</i> , 2017 , 15, 4789-4793	3-9	24
35	Magnetic Copper Ferrite Nanoparticles: An Inexpensive, Efficient, Recyclable Catalyst for the Synthesis of Substituted Benzoxazoles via Ullmann-Type Coupling under Ligand-Free Conditions. <i>Synlett</i> , 2014 , 25, 729-735	2-2	24
34	Mechanism of Cu-Catalyzed Aerobic C(CO)H ₃ Bond Cleavage: A Combined Computational and Experimental Study. <i>ACS Catalysis</i> , 2019 , 9, 1066-1080	13-1	24
33	Copper-Catalyzed Domino Synthesis of Sulfur-Containing Heterocycles Using Carbon Disulfide as a Building Block. <i>Advanced Synthesis and Catalysis</i> , 2019 , 361, 4558-4567	5-6	22
32	"One-drop-of-blood" electroanalysis of lead levels in blood using a foam-like mesoporous polymer of melamine-formaldehyde and disposable screen-printed electrodes. <i>Analyst, The</i> , 2015 , 140, 1832-6	5	21
31	Sulfonylacetonitriles as Building Blocks in Copper-Catalyzed Domino Reactions: An Efficient Approach to Sulfonated Isoquinolin-1(2H)-ones. <i>Asian Journal of Organic Chemistry</i> , 2019 , 8, 1472-1478	3	19
30	A copper-catalyzed cascade reaction of o-bromoarylisothiocyanates with isocyanides leading to benzo[d]imidazo[5,1-b]thiazoles under ligand-free conditions. <i>Organic Chemistry Frontiers</i> , 2016 , 3, 556-560	5-2	19
29	Metal- and solvent-free, iodine-catalyzed cyclocondensation and C-H bond sulphenylation: A facile access to C-4 sulfenylated pyrazoles via a domino multicomponent reaction. <i>Tetrahedron</i> , 2017 , 73, 2022-2029	2-4	18
28	One-Pot Copper-Catalyzed Aerobic Decarboxylative Coupling of Phenylacetic Acids with o-Aminobenzenes and Dioxygen as the Oxidant Leading to Benzoxazoles and Benzothiazoles. <i>Asian Journal of Organic Chemistry</i> , 2014 , 3, 969-973	3	17
27	Metal-free TBHP-mediated oxidative ring openings of 2-arylimidazopyridines via regioselective cleavage of C-C and C-N bonds. <i>RSC Advances</i> , 2015 , 5, 100102-100105	3-7	17
26	Magnetic copper ferrite nanoparticles/TEMPO catalyzed selective oxidation of activated alcohols to aldehydes under ligand- and base-free conditions in water. <i>RSC Advances</i> , 2014 , 4, 64930-64935	3-7	16

25	I ₂ O ₅ /DBU mediated direct α -phosphoryloxylation of ketones with H-phosphonates leading to α -hydroxyketone phosphates. <i>Tetrahedron</i> , 2015 , 71, 6901-6906	2.4	15
24	A highly water-soluble, sensitive, coumarin-based fluorescent probe for detecting thiols, and its application in bioimaging. <i>New Journal of Chemistry</i> , 2017 , 41, 15277-15282	3.6	14
23	Sulfonylation of Aryl Halides by Visible Light/Copper Catalysis. <i>Organic Letters</i> , 2021 , 23, 3663-3668	6.2	14
22	Intermolecular Regio- and Stereoselective Hetero-[5+2] Cycloaddition of Oxidopyrylium Ylides and Cyclic Imines. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 887-891	16.4	14
21	Facile Access to Benzothiophenes through Metal-Free Iodine-Catalyzed Intermolecular Cyclization of Thiophenols and Alkynes. <i>Synlett</i> , 2015 , 26, 1890-1894	2.2	13
20	Direct Iodosulfonylation of Alkynones with Sulfonylhydrazides and Iodine Pentoxide Leading to Multisubstituted α -Enones. <i>Synlett</i> , 2018 , 29, 830-834	2.2	12
19	Metal-Free Direct Hydrosulfonylation of Azodicarboxylates with Sulfinic Acids Leading to Sulfonylhydrazine Derivatives. <i>Synthetic Communications</i> , 2015 , 45, 1574-1584	1.7	12
18	Direct cross-coupling of aryl alkynyl iodides with arylsulfinic acids leading to alkynyl sulfones under catalyst-free conditions. <i>Tetrahedron Letters</i> , 2017 , 58, 4799-4802	2	11
17	Catalyst-free synthesis of α -thioacrylic acids via cascade thiolation and 1,4-aryl migration of aryl alkynoates at room temperature. <i>Organic and Biomolecular Chemistry</i> , 2018 , 16, 8379-8383	3.9	11
16	Copper-catalyzed decarboxylative stereospecific amidation of cinnamic acids with N-fluorobenzenesulfonimide. <i>RSC Advances</i> , 2016 , 6, 72361-72365	3.7	10
15	An efficient route to regioselective functionalization of benzo[b]thiophenes via palladium-catalyzed decarboxylative Heck coupling reactions: insights from experiment and computation. <i>Organic and Biomolecular Chemistry</i> , 2016 , 14, 895-904	3.9	10
14	Oxidative dual C-H sulfenylation: A strategy for the synthesis of bis(imidazo[1,2-a]pyridin-3-yl)sulfanes under metal-free conditions using sulfur powder. <i>Chinese Chemical Letters</i> , 2021 , 32, 1705-1708	8.1	10
13	Simultaneous absorbance-ratiometric, fluorimetric, and colorimetric analysis and biological imaging of α -ketoglutaric acid based on a special sensing mechanism. <i>Sensors and Actuators B: Chemical</i> , 2017 , 241, 1035-1042	8.5	8
12	Transition-metal-free KI-catalyzed regioselective sulfenylation of 4-anilinocoumarins using Bunte salts. <i>Organic and Biomolecular Chemistry</i> , 2018 , 16, 8015-8019	3.9	8
11	NBS/DBU mediated one-pot synthesis of α -cyloxyketones from benzylic secondary alcohols and carboxylic acids. <i>Organic and Biomolecular Chemistry</i> , 2016 , 14, 10998-11001	3.9	6
10	Accurate Analysis and Evaluation of Acidic Plant Growth Regulators in Transgenic and Nontransgenic Edible Oils with Facile Microwave-Assisted Extraction-Derivatization. <i>Journal of Agricultural and Food Chemistry</i> , 2015 , 63, 8058-67	5.7	5
9	Catalytic Asymmetric Synthesis of All Possible Stereoisomers of 2,3,4,6-Tetra-deoxy-4-Aminohexopyranosides. <i>Advanced Synthesis and Catalysis</i> , 2018 , 360, 2211-2215	5.6	4
8	Alkylsulfonium salts for the photochemical desulfurization functionalization of heteroarenes. <i>Organic Chemistry Frontiers</i> , 2022 , 9, 347-355	5.2	3

7	Three-component reaction access to S-alkyl dithiocarbamates under visible-light irradiation conditions in water. <i>Green Chemistry</i> , 2022 , 24, 1302-1307	10	3
6	Decarboxylative C ^β alkylation of heteroarenes by copper catalysis. <i>Organic Chemistry Frontiers</i> , 2021 , 8, 3128-3136	5.2	3
5	Catalyst-Free Regioselective C-3 Nitrosation of Imidazopyridines with tert-Butyl Nitrite under Neutral Conditions. <i>Synthesis</i> , 2015 , 48, 122-130	2.9	2
4	A desulphurization strategy for Sonogashira couplings by visible light/copper catalysis. <i>Organic Chemistry Frontiers</i> ,	5.2	2
3	Degradation of polycarbonate to produce bisphenol A catalyzed by imidazolium-based DESs under metal-and solvent-free conditions.. <i>RSC Advances</i> , 2021 , 11, 1595-1604	3.7	1
2	Electrospray Ionization Mass Spectra of Dipeptide Derivatives. <i>Chinese Journal of Chemistry</i> , 2009 , 27, 1333-1338	4.9	0
1	Binary-Acid Catalysis with Sc(OTf) ₃ /TfOH in the Alkenylation of Arenes with Alkynes. <i>Organic Letters</i> , 2021 , 23, 5998-6003	6.2	0