Daoshan Yang

List of Publications by Year
in descending order

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108	5,751	53794 45	82547 72
papers	citations	h-index	g-index

139	139	139	3716
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Copper-catalyzed direct oxysulfonylation of alkenes with dioxygen and sulfonylhydrazides leading to Î²-ketosulfones. Chemical Communications, 2013, 49, 10239.	4.1	252
2	Metal-Free C(sp²)â€“H/Nâ€“H Cross-Dehydrogenative Coupling of Quinoxalinones with Aliphatic Amines under Visible-Light Photoredox Catalysis. Organic Letters, 2018, 20, 7125-7130.	4.6	213
3	Direct and metal-free arylsulfonylation of alkynes with sulfonylhydrazides for the construction of 3-sulfonated coumarins. Chemical Communications, 2015, 51, 768-771.	4.1	181
4	Catalyst-free direct arylsulfonylation of N-arylacrylamides with sulfinic acids: a convenient and efficient route to sulfonated oxindoles. Green Chemistry, 2014, 16, 2988-2991.	9.0	153
5	Catalyst-Free Regioselective C-3 Thiocyanation of Imidazopyridines. Journal of Organic Chemistry, 2015, 80, 11073-11079.	3.2	150
6	Metal-Free Visible-Light-Induced Câ€“H/Câ€“H Cross-Dehydrogenative-Coupling of Quinoxalin-2(H)-ones with Simple Ethers. ACS Sustainable Chemistry and Engineering, 2018, 6, 17252-17257.	6.7	147
7	Visible-light-enabled spirocyclization of alkynes leading to 3-sulfonyl and 3-sulfenyl azaspiro[4,5]trienones. Green Chemistry, 2017, 19, 5608-5613.	9.0	145
8	Copper-Catalyzed Synthesis of Benzimidazoles via Cascade Reactions of o-Haloacetanilide Derivatives with Amidine Hydrochlorides. Journal of Organic Chemistry, 2008, 73, 7841-7844.	3.2	141
9	Silver-Mediated Radical Cyclization of Alkynoates and Î±-Keto Acids Leading to Coumarins via Cascade Double Câ€“C Bond Formation. Journal of Organic Chemistry, 2015, 80, 1550-1556.	3.2	134
10	Metal-Free Oxidative Spirocyclization of Alkynes with Sulfonylhydrazides Leading to 3-Sulfonated Azaspiro[4,5]trienones. Journal of Organic Chemistry, 2015, 80, 4966-4972.	3.2	125
11	Visible-light initiated direct oxysulfonylation of alkenes with sulfinic acids leading to Î²-ketosulfones. Green Chemistry, 2016, 18, 5630-5634.	9.0	125
12	Metal-Free Direct Trifluoromethylation of Activated Alkenes with Langloisâ€™ Reagent Leading to CF3-Containing Oxindoles. Journal of Organic Chemistry, 2014, 79, 4225-4230.	3.2	123
13	Visible-light-induced selective synthesis of sulfoxides from alkenes and thiols using air as the oxidant. Green Chemistry, 2017, 19, 3520-3524.	9.0	116
14	Visible light-induced Câ€“H sulfenylation using sulfinic acids. Green Chemistry, 2017, 19, 4785-4791.	9.0	112
15	Photocatalyst-Free Visible-Light-Promoted C(sp²)â€“S Coupling: AÂStrategy for the Preparation of S-Aryl Dithiocarbamates. Organic Letters, 2019, 21, 7938-7942.	4.6	110
16	A Simple and Practical Copperâ€Catalyzed Approach to Substituted Phenols from Aryl Halides by Using Water as the Solvent. Chemistry - A European Journal, 2010, 16, 2366-2370.	3.3	100
17	Copper-catalyzed highly selective direct hydrosulfonylation of alkynes with arylsulfinic acids leading to vinyl sulfones. Organic and Biomolecular Chemistry, 2014, 12, 1861-1864.	2.8	97
18	Metalâ€Free Direct Construction of Sulfonamides via Iodineâ€•Mediated Coupling Reaction of Sodium Sulfinates and Amines at Room Temperature. Advanced Synthesis and Catalysis, 2015, 357, 987-992.	4.3	85

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19	Molecular Iodine-Mediated Difunctionalization of Alkenes with Nitriles and Thiols Leading to Î²-Acetamido Sulfides. Journal of Organic Chemistry, 2016, 81, 2252-2260.	3.2	85
20	Metal- and photocatalyst-free visible-light-promoted regioselective selenylation of coumarin derivatives via oxidation-induced Câ€“H functionalization. Organic Chemistry Frontiers, 2018, 5, 2974-2979.	4.5	85
21	Carbonâ€“sulfur bond formation via photochemical strategies: An efficient method for the synthesis of sulfur-containing compounds. Chinese Chemical Letters, 2022, 33, 1798-1816.	9.0	84
22	Visible-light-enabled oxyazidation of alkenes leading to Î±-azidoketones in air. Green Chemistry, 2018, 20, 3197-3202.	9.0	83
23	Direct difunctionalization of alkynes with sulfinic acids and molecular iodine: a simple and convenient approach to (E)-Î²-iodovinyl sulfones. RSC Advances, 2015, 5, 4416-4419.	3.6	82
24	Photocatalyst-Free Regioselective Câ€“H Thiocyanation of 4-Anilinocoumarins under Visible Light. ACS Sustainable Chemistry and Engineering, 2019, 7, 14009-14015.	6.7	82
25	Visible-Light-Enabled Construction of Thiocarbamates from Isocyanides, Thiols, and Water at Room Temperature. Organic Letters, 2018, 20, 5291-5295.	4.6	80
26	Metal-free Oxidative Coupling of Aromatic Alkenes with Thiols Leading to (E)-Vinyl Sulfones. Journal of Organic Chemistry, 2017, 82, 6857-6864.	3.2	79
27	Iron-catalyzed direct difunctionalization of alkenes with dioxygen and sulfinic acids: a highly efficient and green approach to Î²-ketosulfones. Organic and Biomolecular Chemistry, 2014, 12, 7678-7681.	2.8	77
28	Metal-Free Iodine-Catalyzed Direct Arylthiation of Substituted Anilines with Thiols. Journal of Organic Chemistry, 2015, 80, 6083-6092.	3.2	76
29	Efficient copper-catalyzed N-arylations of nitrogen-containing heterocycles and aliphatic amines in water. Green Chemistry, 2010, 12, 1097.	9.0	74
30	Visible-light-induced regioselective cross-dehydrogenative coupling of 2-isothiocyanatonaphthalenes with amines using molecular oxygen. Science China Chemistry, 2020, 63, 1652-1658.	8.2	72
31	Copper-Catalyzed Selenylation of Imidazo[1,2-a]pyridines with Selenium Powder via a Radical Pathway. Journal of Organic Chemistry, 2017, 82, 2906-2913.	3.2	69
32	Metal-free molecular iodine-catalyzed direct sulfonylation of pyrazolones with sodium sulfinates leading to sulfonated pyrazoles at room temperature. Organic Chemistry Frontiers, 2017, 4, 26-30.	4.5	69
33	Magnetically recoverable and reusable CuFe₂O₄nanoparticle-catalyzed synthesis of benzoxazoles, benzothiazoles and benzimidazoles using dioxygen as oxidant. RSC Advances, 2014, 4, 17832-17839.	3.6	68
34	Metalâ€Free Synthesis of Thiosulfonates via Insertion of Sulfur Dioxide. Advanced Synthesis and Catalysis, 2019, 361, 1808-1814.	4.3	67
35	Catalyst-free direct decarboxylative coupling of Î±-keto acids with thiols: a facile access to thioesters. Organic and Biomolecular Chemistry, 2015, 13, 7323-7330.	2.8	64
36	A novel sustainable strategy for the synthesis of phenols byÂmagnetic CuFe2O4-catalyzed oxidative hydroxylation ofÂarylboronic acids under mild conditions in water. Tetrahedron, 2014, 70, 3630-3634.	1.9	60

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37	Copperâ€Catalyzed Regioselective Cleavage of Câ^'X and Câ^'H Bonds: A Strategy for Sulfur Dioxide Fixation. Chemistry - A European Journal, 2018, 24, 4423-4427.	3.3	60
38	Metal-free iodine-mediated synthesis of vinyl sulfones at room temperature using water as solvent. RSC Advances, 2015, 5, 37013-37017.	3.6	58
39	Silver-Catalyzed Double-Decarboxylative Cross-Coupling of Î±-Keto Acids with Cinnamic Acids in Water: A Strategy for the Preparation of Chalcones. Journal of Organic Chemistry, 2015, 80, 3258-3263.	3.2	57
40	Silver-catalyzed direct spirocyclization of alkynes with thiophenols: a simple and facile approach to 3-thioazaspiro[4,5]trienones. RSC Advances, 2015, 5, 84657-84661.	3.6	57
41	Copperâ€Catalyzed Synthesis of 1,2,4â€Benzothiadiazine 1,1â€Dioxide Derivatives by Coupling of 2â€Halobenzenesulfonamides with Amidines. Advanced Synthesis and Catalysis, 2009, 351, 1999-2004.	4.3	54
42	Metal-free iodine-catalyzed direct cross-dehydrogenative coupling (CDC) between pyrazoles and thiols. Organic Chemistry Frontiers, 2016, 3, 1457-1461.	4.5	54
43	Copperâ€Catalyzed Domino Synthesis of Benzimidazo[2,1â€b]quinâ€azolinâ€12(6H)â€ones Using Cyanamide as a Building Block. Advanced Synthesis and Catalysis, 2012, 354, 477-482.	4.3	52
44	Copper-Catalyzed Domino Synthesis of Nitrogen Heterocycle-Fused Benzoimidazole and 1,2,4-Benzothiadiazine 1,1-Dioxide Derivatives. ACS Combinatorial Science, 2015, 17, 113-119.	3.8	48
45	Environmentally Friendly Iron-Catalyzed Cascade Synthesis of 1,2,4-Benzothiadiazine 1,1-Dioxide and Quinazolinone Derivatives. ACS Combinatorial Science, 2009, 11, 653-657.	3.3	47
46	DMSO-promoted regioselective synthesis of sulfenylated pyrazoles via a radical pathway. Organic Chemistry Frontiers, 2017, 4, 1367-1371.	4.5	47
47	Sulfonylation of Aryl Halides by Visible Light/Copper Catalysis. Organic Letters, 2021, 23, 3663-3668.	4.6	47
48	Label-free fluorescence turn-on aptasensor for prostate-specific antigen sensing based on aggregation-induced emissionâ€“silica nanospheres. Analytical and Bioanalytical Chemistry, 2017, 409, 5757-5765.	3.7	46
49	Direct difunctionalization of alkenes with sulfinic acids and NBS leading to Î²-bromo sulfones. Tetrahedron Letters, 2015, 56, 1808-1811.	1.4	45
50	Iodine-catalyzed Direct Thiolation of Indoles with Thiols Leading to 3-Thioindoles Using Air as the Oxidant. Catalysis Letters, 2016, 146, 1743-1748.	2.6	42
51	Functionalizations of Aryl Cï£¿H Bonds in 2â€Arylpyridines via Sequential Borylation and Copper Catalysis. Advanced Synthesis and Catalysis, 2012, 354, 2211-2217.	4.3	41
52	Metal-Free Catalytic Synthesis of Thiocarbamates Using Sodium Sulfinates as the Sulfur Source. Journal of Organic Chemistry, 2019, 84, 2976-2983.	3.2	41
53	Direct coupling of haloquinolines and sulfonyl chlorides leading to sulfonylated quinolines in water. Tetrahedron Letters, 2019, 60, 214-218.	1.4	41
54	Mesoporous Poly(melamineâ€“formaldehyde): A Green and Recyclable Heterogeneous Organocatalyst for the Synthesis of Benzoxazoles and Benzothiazoles Using Dioxygen as Oxidant. ChemCatChem, 2014, 6, 3434-3439.	3.7	40

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55	Metal-free direct construction of sulfenylated pyrazoles via the NaOH promoted sulfenylation of pyrazolones with aryl thiols. RSC Advances, 2016, 6, 51830-51833.	3.6	37
56	Copper-catalyzed domino synthesis of benzo[b]thiophene/imidazo[1,2-a]pyridines by sequential Ullmann-type coupling and intramolecular C(sp²)â€“H thiolation. Organic Chemistry Frontiers, 2016, 3, 66-70.	4.5	37
57	Visible-light-promoted oxidative desulphurisation: a strategy for the preparation of unsymmetrical ureas from isothiocyanates and amines using molecular oxygen. Green Chemistry, 2020, 22, 2956-2962.	9.0	37
58	Copper-catalyzed cyanoalkylarylation of activated alkenes with AIBN: a convenient and efficient approach to cyano-containing oxindoles. RSC Advances, 2014, 4, 48535-48538.	3.6	36
59	Copper-catalyzed aerobic oxidative synthesis of aromatic carboxylic acids. Chemical Communications, 2011, 47, 2348-2350.	4.1	35
60	Metal-free n-Et₄NBr-catalyzed radical cyclization of disulfides and alkynes leading to benzothiophenes under mild conditions. RSC Advances, 2014, 4, 48547-48553.	3.6	35
61	Direct thiolation of methoxybenzenes with thiols under metal-free conditions by iodine catalysis. Tetrahedron Letters, 2015, 56, 4792-4795.	1.4	34
62	Metal-free direct difunctionalization of alkenes with I2O5 and P(O)â€“H compounds leading to Î²-iodophosphates. Organic Chemistry Frontiers, 2015, 2, 1356-1360.	4.5	34
63	Metal-free I₂O₅-mediated direct construction of sulfonamides from thiols and amines. Organic and Biomolecular Chemistry, 2017, 15, 4789-4793.	2.8	34
64	Copperâ€Catalyzed Domino Synthesis of Sulfurâ€Containing Heterocycles Using Carbon Disulfide as a Building Block. Advanced Synthesis and Catalysis, 2019, 361, 4558-4567.	4.3	33
65	Three-component reaction access to S-alkyl dithiocarbamates under visible-light irradiation conditions in water. Green Chemistry, 2022, 24, 1302-1307.	9.0	31
66	Magnetic Copper Ferrite Nanoparticles: An Inexpensive, Efficient, Recyclable Catalyst for the Synthesis of Substituted Benzoxazoles via Ullmann-Type Coupling under Ligand-Free Conditions. Synlett, 2014, 25, 729-735.	1.8	29
67	Mechanism of Cu-Catalyzed Aerobic C(CO)â€“CH₃ Bond Cleavage: A Combined Computational and Experimental Study. ACS Catalysis, 2019, 9, 1066-1080.	11.2	28
68	â€œOne-drop-of-bloodâ€•electroanalysis of lead levels in blood using a foam-like mesoporous polymer of melamineâ€“formaldehyde and disposable screen-printed electrodes. Analyst, The, 2015, 140, 1832-1836.	3.5	26
69	A copper-catalyzed cascade reaction of o-bromoarylisothiocyanates with isocyanides leading to benzo[d]imidazo[5,1-b]thiazoles under ligand-free conditions. Organic Chemistry Frontiers, 2016, 3, 556-560.	4.5	26
70	A desulphurization strategy for Sonogashira couplings by visible light/copper catalysis. Organic Chemistry Frontiers, 2022, 9, 386-393.	4.5	26
71	Intermolecular Regioâ€•and Stereoselective Heteroâ€[5+2] Cycloaddition of Oxidopyrylium Ylides and Cyclic Imines. Angewandte Chemie - International Edition, 2019, 58, 887-891.	13.8	25
72	Oxidative dual Câ€“H sulfenylation: A strategy for the synthesis of bis(imidazo[1,2-a]pyridin-3-yl)sulfanes under metal-free conditions using sulfur powder. Chinese Chemical Letters, 2021, 32, 1705-1708.	9.0	25

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73	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. Tetrahedron, 2017, 73, 2022-2029.	1.9	23
74	Metal-free TBHP-mediated oxidative ring openings of 2-arylimidazopyridines via regioselective cleavage of Câ€“C and Câ€“N bonds. RSC Advances, 2015, 5, 100102-100105.	3.6	22
75	Magnetic copper ferrite nanoparticles/TEMPO catalyzed selective oxidation of activated alcohols to aldehydes under ligand- and base-free conditions in water. RSC Advances, 2014, 4, 64930-64935.	3.6	21
76	Facile Access to Benzothiophenes through Metal-Free Iodine-ÂCatalyzed Intermolecular Cyclization of Thiophenols and Alkynes. Synlett, 2015, 26, 1890-1894.	1.8	20
77	Sulfonylacetonitriles as Building Blocks in Copperâ€Catalyzed Domino Reactions: An Efficient Apporach to Sulfonated Isoquinolinâ€1(2 H)â€ones. Asian Journal of Organic Chemistry, 2019, 8, 1472-1478.	2.7	20
78	Oneâ€Pot Copperâ€Catalyzed Aerobic Decarboxylative Coupling of Phenylacetic Acids with oâ€Aminobenzenes and Dioxygen as the Oxidant Leading to Benzoxazoles and Benzothiazoles. Asian Journal of Organic Chemistry, 2014, 3, 969-973.	2.7	19
79	Alkylsulfonium salts for the photochemical desulphurizative functionalization of heteroarenes. Organic Chemistry Frontiers, 2022, 9, 347-355.	4.5	19
80	Decarboxylative Câ€“H alkylation of heteroarenes by copper catalysis. Organic Chemistry Frontiers, 2021, 8, 3128-3136.	4.5	18
81	Degradation of polycarbonate to produce bisphenol A catalyzed by imidazolium-based DESs under metal-and solvent-free conditions. RSC Advances, 2021, 11, 1595-1604.	3.6	18
82	An efficient route to regioselective functionalization of benzo[b]thiophenes via palladium-catalyzed decarboxylative Heck coupling reactions: insights from experiment and computation. Organic and Biomolecular Chemistry, 2016, 14, 895-904.	2.8	17
83	Construction of Axially Chiral Styrenes Linking an Indole Moiety by Chiral Phosphoric Acid. Journal of Organic Chemistry, 2022, 87, 2853-2863.	3.2	17
84	Câ€“H benzylation of quinoxalin-2(1H)-ones via visible-light riboflavin photocatalysis. Organic Chemistry Frontiers, 2022, 9, 2653-2658.	4.5	17
85	I2O5/DBU mediated direct Î±-phosphoryloxylation of ketones with H-phosphonates leading to Î±-hydroxyketone phosphates. Tetrahedron, 2015, 71, 6901-6906.	1.9	16
86	A highly water-soluble, sensitive, coumarin-based fluorescent probe for detecting thiols, and its application in bioimaging. New Journal of Chemistry, 2017, 41, 15277-15282.	2.8	16
87	Direct cross-coupling of aryl alkynyliodines with arylsulfinic acids leading to alkynyl sulfones under catalyst-free conditions. Tetrahedron Letters, 2017, 58, 4799-4802.	1.4	15
88	Metal-Free Direct Hydrosulfonylation of Azodicarboxylates with Sulfinic Acids Leading to Sulfonylhydrazine Derivatives. Synthetic Communications, 2015, 45, 1574-1584.	2.1	14
89	Direct Iodosulfonylation of Alkylynones with Sulfonylhydrazides and Iodine Pentoxide Leading to Multisubstituted Î±,Î²-Enones. Synlett, 2018, 29, 830-834.	1.8	14
90	Transition-metal-free KI-catalyzed regioselective sulfenylation of 4-anilinocoumarins using Bunte salts. Organic and Biomolecular Chemistry, 2018, 16, 8015-8019.	2.8	14

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91	Catalyst-free synthesis of Î±-thioacrylic acids via cascade thiolation and 1,4-aryl migration of aryl alkynoates at room temperature. Organic and Biomolecular Chemistry, 2018, 16, 8379-8383.	2.8	14
92	Copper-catalyzed decarboxylative stereospecific amidation of cinnamic acids with N-fluorobenzenesulfonimide. RSC Advances, 2016, 6, 72361-72365.	3.6	13
93	Binary-Acid Catalysis with Sc(OTf)₃/TfOH in the Alkenylation of Arenes with Alkynes. Organic Letters, 2021, 23, 5998-6003.	4.6	12
94	Rapid formation of Csp3â€“Csp3 bonds through copper-catalyzed decarboxylative Csp3â€“H functionalization. Chinese Chemical Letters, 2023, 34, 107477.	9.0	12
95	NBS/DBU mediated one-pot synthesis of Î±-acyloxyketones from benzylic secondary alcohols and carboxylic acids. Organic and Biomolecular Chemistry, 2016, 14, 10998-11001.	2.8	11
96	Radial Type Ring Opening of Sulfonium Salts with Dichalcogenides by Visible Light and Copper Catalysis. Organic Letters, 2022, 24, 5391-5396.	4.6	11
97	Simultaneous absorbance-ratiometric, fluorimetric, and colorimetric analysis and biological imaging of Î±-ketoglutaric acid based on a special sensing mechanism. Sensors and Actuators B: Chemical, 2017, 241, 1035-1042.	7.8	9
98	Accurate Analysis and Evaluation of Acidic Plant Growth Regulators in Transgenic and Nontransgenic Edible Oils with Facile Microwave-Assisted Extractionâ€“Derivatization. Journal of Agricultural and Food Chemistry, 2015, 63, 8058-8067.	5.2	6
99	Catalytic Asymmetric Synthesis of All Possible Stereoisomers of 2,3,4,6â€Tetradeoxyâ€4â€Aminohexopyranosides. Advanced Synthesis and Catalysis, 2018, 360, 2211-2215.	4.3	6
100	Catalyst-Free Regioselective C-3 Nitrosation of Imidazopyridines with tert-Butyl Nitrite under Neutral Conditions. Synthesis, 2015, 48, 122-130.	2.3	4
101	Silver(<scp>i</scp>)-catalyzed novel ipso-cycloaddition and retro-Friedelâ€“Crafts reaction of ortho-hydroxyphenyl-substituted para-quinone methides. Organic Chemistry Frontiers, 2021, 8, 6400-6404.	4.5	4
102	Bioinspired cyclization of in situ generated Î³-indolyl Î²,Î³-unsaturated Î±-keto esters via an oxidative enamine process: facile approaches to pyrano[2,3-b]indoles. Organic Chemistry Frontiers, 2021, 8, 6337-6343.	4.5	4
103	HfCl₄-Catalyzed [4 + 2] Cycloaddition of Î²,Î³-Unsaturated Î±-Keto Esters with Alkynes. Journal of Organic Chemistry, 2022, , .	3.2	3
104	Photocatalytic redox-neutral reaction of Î³-indolyl Î±-keto esters. Organic Chemistry Frontiers, 2022, 9, 1875-1883.	4.5	2
105	Palladium-catalyzed decarboxylative O-allylation of phenols with Î³-methylidene-Î´-valerolactones. Organic Chemistry Frontiers, 2022, 9, 4365-4371.	4.5	2
106	Enantioselective Friedelâ€“Crafts Reaction of 2-Alkynyphenols with Aromatic Ethers by Chiral BrÃ¸nsted Acid Catalysis. Journal of Organic Chemistry, 0, , .	3.2	2
107	Electrospray Ionization Mass Spectra of Dipeptide Derivatives. Chinese Journal of Chemistry, 2009, 27, 1333-1338.	4.9	1
108	Efficient radical C(sp³)â€“H Î±-oxyamination of carbonyls adjacent to the carbon chalcogen bond. Organic Chemistry Frontiers, 2022, 9, 3473-3479.	4.5	1