Daoshan Yang

List of Publications by Year in descending order

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53660 82410 5,751 108 45 72 citations h-index g-index papers 139 139 139 3716 docs citations times ranked citing authors all docs

#	Article	IF	Citations
1	Copper-catalyzed direct oxysulfonylation of alkenes with dioxygen and sulfonylhydrazides leading to \hat{l}^2 -ketosulfones. Chemical Communications, 2013, 49, 10239.	2.2	252
2	Metal-Free C(sp ⁾²)â€"H/Nâ€"H Cross-Dehydrogenative Coupling of Quinoxalinones with Aliphatic Amines under Visible-Light Photoredox Catalysis. Organic Letters, 2018, 20, 7125-7130.	2.4	213
3	Direct and metal-free arylsulfonylation of alkynes with sulfonylhydrazides for the construction of 3-sulfonated coumarins. Chemical Communications, 2015, 51, 768-771.	2.2	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.	4.6	153
5	Catalyst-Free Regioselective C-3 Thiocyanation of Imidazopyridines. Journal of Organic Chemistry, 2015, 80, 11073-11079.	1.7	150
6	Metal-Free Visible-Light-Induced C–H/C–H Cross-Dehydrogenative-Coupling of Quinoxalin-2(H)-ones with Simple Ethers. ACS Sustainable Chemistry and Engineering, 2018, 6, 17252-17257.	3.2	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.	4.6	145
8	Copper-Catalyzed Synthesis of Benzimidazoles via Cascade Reactions of <i>>o</i> -Haloacetanilide Derivatives with Amidine Hydrochlorides. Journal of Organic Chemistry, 2008, 73, 7841-7844.	1.7	141
9	Silver-Mediated Radical Cyclization of Alkynoates and α-Keto Acids Leading to Coumarins via Cascade Double C–C Bond Formation. Journal of Organic Chemistry, 2015, 80, 1550-1556.	1.7	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.	1.7	125
11	Visible-light initiated direct oxysulfonylation of alkenes with sulfinic acids leading to \hat{l}^2 -ketosulfones. Green Chemistry, 2016, 18, 5630-5634.	4.6	125
12	Metal-Free Direct Trifluoromethylation of Activated Alkenes with Langlois' Reagent Leading to CF3-Containing Oxindoles. Journal of Organic Chemistry, 2014, 79, 4225-4230.	1.7	123
13	Visible-light-induced selective synthesis of sulfoxides from alkenes and thiols using air as the oxidant. Green Chemistry, 2017, 19, 3520-3524.	4.6	116
14	Visible light-induced C–H sulfenylation using sulfinic acids. Green Chemistry, 2017, 19, 4785-4791.	4.6	112
15	Photocatalyst-Free Visible-Light-Promoted C(sp ²)â€"S Coupling: AÂStrategy for the Preparation of <i>S</i> -Aryl Dithiocarbamates. Organic Letters, 2019, 21, 7938-7942.	2.4	110
16	A Simple and Practical Copper atalyzed Approach to Substituted Phenols from Aryl Halides by Using Water as the Solvent. Chemistry - A European Journal, 2010, 16, 2366-2370.	1.7	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.	1.5	97
18	Metalâ€Free Direct Construction of Sulfonamides <i>via</i> lodine―Mediated Coupling Reaction of Sodium Sulfinates and Amines at Room Temperature. Advanced Synthesis and Catalysis, 2015, 357, 987-992.	2.1	85

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19	Molecular lodine-Mediated Difunctionalization of Alkenes with Nitriles and Thiols Leading to \hat{l}^2 -Acetamido Sulfides. Journal of Organic Chemistry, 2016, 81, 2252-2260.	1.7	85
20	Metal- and photocatalyst-free visible-light-promoted regioselective selenylation of coumarin derivatives ⟨i⟩via⟨ i⟩ oxidation-induced C–H functionalization. Organic Chemistry Frontiers, 2018, 5, 2974-2979.	2.3	85
21	Carbon–sulfur bond formation via photochemical strategies: An efficient method for the synthesis of sulfur-containing compounds. Chinese Chemical Letters, 2022, 33, 1798-1816.	4.8	84
22	Visible-light-enabled oxyazidation of alkenes leading to \hat{l}_{\pm} -azidoketones in air. Green Chemistry, 2018, 20, 3197-3202.	4.6	83
23	Direct difunctionalization of alkynes with sulfinic acids and molecular iodine: a simple and convenient approach to (E)- \hat{l}^2 -iodovinyl sulfones. RSC Advances, 2015, 5, 4416-4419.	1.7	82
24	Photocatalyst-Free Regioselective C–H Thiocyanation of 4-Anilinocoumarins under Visible Light. ACS Sustainable Chemistry and Engineering, 2019, 7, 14009-14015.	3.2	82
25	Visible-Light-Enabled Construction of Thiocarbamates from Isocyanides, Thiols, and Water at Room Temperature. Organic Letters, 2018, 20, 5291-5295.	2.4	80
26	Metal-free Oxidative Coupling of Aromatic Alkenes with Thiols Leading to (<i>E</i>)-Vinyl Sulfones. Journal of Organic Chemistry, 2017, 82, 6857-6864.	1.7	79
27	Iron-catalyzed direct difunctionalization of alkenes with dioxygen and sulfinic acids: a highly efficient and green approach to \hat{l}^2 -ketosulfones. Organic and Biomolecular Chemistry, 2014, 12, 7678-7681.	1.5	77
28	Metal-Free Iodine-Catalyzed Direct Arylthiation of Substituted Anilines with Thiols. Journal of Organic Chemistry, 2015, 80, 6083-6092.	1.7	76
29	Efficient copper-catalyzed N-arylations of nitrogen-containing heterocycles and aliphatic amines in water. Green Chemistry, 2010, 12, 1097.	4.6	74
30	Visible-light-induced regioselective cross-dehydrogenative coupling of 2-isothiocyanatonaphthalenes with amines using molecular oxygen. Science China Chemistry, 2020, 63, 1652-1658.	4.2	72
31	Copper-Catalyzed Selenylation of Imidazo[1,2- <i>a</i>)pyridines with Selenium Powder via a Radical Pathway. Journal of Organic Chemistry, 2017, 82, 2906-2913.	1.7	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.	2.3	69
33	Magnetically recoverable and reusable CuFe ₂ O ₄ nanoparticle-catalyzed synthesis of benzoxazoles, benzothiazoles and benzimidazoles using dioxygen as oxidant. RSC Advances, 2014, 4, 17832-17839.	1.7	68
34	Metalâ€Free Synthesis of Thiosulfonates via Insertion of Sulfur Dioxide. Advanced Synthesis and Catalysis, 2019, 361, 1808-1814.	2.1	67
35	Catalyst-free direct decarboxylative coupling of \hat{l}_{\pm} -keto acids with thiols: a facile access to thioesters. Organic and Biomolecular Chemistry, 2015, 13, 7323-7330.	1.5	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.	1.0	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.	1.7	60
38	Metal-free iodine-mediated synthesis of vinyl sulfones at room temperature using water as solvent. RSC Advances, 2015, 5, 37013-37017.	1.7	58
39	Silver-Catalyzed Double-Decarboxylative Cross-Coupling of α-Keto Acids with Cinnamic Acids in Water: A Strategy for the Preparation of Chalcones. Journal of Organic Chemistry, 2015, 80, 3258-3263.	1.7	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.	1.7	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.	2.1	54
42	Metal-free iodine-catalyzed direct cross-dehydrogenative coupling (CDC) between pyrazoles and thiols. Organic Chemistry Frontiers, 2016, 3, 1457-1461.	2.3	54
43	Copperâ€Catalyzed Domino Synthesis of Benzimidazo[2,1â€∢i>b) quin―azolinâ€12(6 <i>H</i>) å€ones Using Cyanamide as a Building Block. Advanced Synthesis and Catalysis, 2012, 354, 477-482.	2.1	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.	2.3	47
47	Sulfonylation of Aryl Halides by Visible Light/Copper Catalysis. Organic Letters, 2021, 23, 3663-3668.	2.4	47
48	Label-free fluorescence turn-on aptasensor for prostate-specific antigen sensing based on aggregation-induced emission–silica nanospheres. Analytical and Bioanalytical Chemistry, 2017, 409, 5757-5765.	1.9	46
49	Direct difunctionalization of alkenes with sulfinic acids and NBS leading to \hat{l}^2 -bromo sulfones. Tetrahedron Letters, 2015, 56, 1808-1811.	0.7	45
50	lodine-catalyzed Direct Thiolation of Indoles with Thiols Leading to 3-Thioindoles Using Air as the Oxidant. Catalysis Letters, 2016, 146, 1743-1748.	1.4	42
51	Functionalizations of Aryl CH Bonds in 2â€Arylpyridines <i>via</i> Sequential Borylation and Copper Catalysis. Advanced Synthesis and Catalysis, 2012, 354, 2211-2217.	2.1	41
52	Metal-Free Catalytic Synthesis of Thiocarbamates Using Sodium Sulfinates as the Sulfur Source. Journal of Organic Chemistry, 2019, 84, 2976-2983.	1.7	41
53	Direct coupling of haloquinolines and sulfonyl chlorides leading to sulfonylated quinolines in water. Tetrahedron Letters, 2019, 60, 214-218.	0.7	41
54	Mesoporous Poly(melamine–formaldehyde): A Green and Recyclable Heterogeneous Organocatalyst for the Synthesis of Benzoxazoles and Benzothiazoles Using Dioxygen as Oxidant. ChemCatChem, 2014, 6, 3434-3439.	1.8	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.	1.7	37
56	Copper-catalyzed domino synthesis of benzo[b]thiophene/imidazo[1,2-a]pyridines by sequential Ullmann-type coupling and intramolecular C(sp ²)â€"H thiolation. Organic Chemistry Frontiers, 2016, 3, 66-70.	2.3	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.	4.6	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.	1.7	36
59	Copper-catalyzed aerobic oxidative synthesis of aromatic carboxylic acids. Chemical Communications, 2011, 47, 2348-2350.	2.2	35
60	Metal-free n-Et ₄ NBr-catalyzed radical cyclization of disulfides and alkynes leading to benzothiophenes under mild conditions. RSC Advances, 2014, 4, 48547-48553.	1.7	35
61	Direct thiolation of methoxybenzenes with thiols under metal-free conditions by iodine catalysis. Tetrahedron Letters, 2015, 56, 4792-4795.	0.7	34
62	Metal-free direct difunctionalization of alkenes with I2O5 and P(O) \hat{a} \in "H compounds leading to \hat{l}^2 -iodophosphates. Organic Chemistry Frontiers, 2015, 2, 1356-1360.	2.3	34
63	Metal-free I ₂ O ₅ -mediated direct construction of sulfonamides from thiols and amines. Organic and Biomolecular Chemistry, 2017, 15, 4789-4793.	1.5	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.	2.1	33
65	Three-component reaction access to <i>S</i> -alkyl dithiocarbamates under visible-light irradiation conditions in water. Green Chemistry, 2022, 24, 1302-1307.	4.6	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.	1.0	29
67	Mechanism of Cu-Catalyzed Aerobic C(CO)–CH ₃ Bond Cleavage: A Combined Computational and Experimental Study. ACS Catalysis, 2019, 9, 1066-1080.	5.5	28
68	"One-drop-of-blood―electroanalysis of lead levels in blood using a foam-like mesoporous polymer of melamine–formaldehyde and disposable screen-printed electrodes. Analyst, The, 2015, 140, 1832-1836.	1.7	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.	2.3	26
70	A desulphurization strategy for Sonogashira couplings by visible light/copper catalysis. Organic Chemistry Frontiers, 2022, 9, 386-393.	2.3	26
71	Intermolecular Regio―and Stereoselective Heteroâ€{5+2] Cycloaddition of Oxidopyrylium Ylides and Cyclic Imines. Angewandte Chemie - International Edition, 2019, 58, 887-891.	7.2	25
72	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. Chinese Chemical Letters, 2021, 32, 1705-1708.	4.8	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.	1.0	23
74	Metal-free TBHP-mediated oxidative ring openings of 2-arylimidazopyridines via regioselective cleavage of C–C and C–N bonds. RSC Advances, 2015, 5, 100102-100105.	1.7	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.	1.7	21
76	Facile Access to Benzothiophenes through Metal-Free Iodine-ÂCatalyzed Intermolecular Cyclization of Thiophenols and Alkynes. Synlett, 2015, 26, 1890-1894.	1.0	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.	1.3	20
78	Oneâ€Pot Copperâ€Catalyzed Aerobic Decarboxylative Coupling of Phenylacetic Acids with <i>o</i> à€Aminobenzenes and Dioxygen as the Oxidant Leading to Benzoxazoles and Benzothiazoles. Asian Journal of Organic Chemistry, 2014, 3, 969-973.	1.3	19
79	Alkylsulfonium salts for the photochemical desulphurizative functionalization of heteroarenes. Organic Chemistry Frontiers, 2022, 9, 347-355.	2.3	19
80	Decarboxylative C–H alkylation of heteroarenes by copper catalysis. Organic Chemistry Frontiers, 2021, 8, 3128-3136.	2.3	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.	1.7	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.	1.5	17
83	Construction of Axially Chiral Styrenes Linking an Indole Moiety by Chiral Phosphoric Acid. Journal of Organic Chemistry, 2022, 87, 2853-2863.	1.7	17
84	Câ€"H benzylation of quinoxalin-2(1 <i>H</i>)-ones <i>via</i> visible-light riboflavin photocatalysis. Organic Chemistry Frontiers, 2022, 9, 2653-2658.	2.3	17
85	I2O5/DBU mediated direct \hat{l} ±-phosphoryloxylation of ketones with H-phosphonates leading to \hat{l} ±-hydroxyketone phosphates. Tetrahedron, 2015, 71, 6901-6906.	1.0	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.	1.4	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.	0.7	15
88	Metal-Free Direct Hydrosulfonylation of Azodicarboxylates with Sulfinic Acids Leading to Sulfonylhydrazine Derivatives. Synthetic Communications, 2015, 45, 1574-1584.	1.1	14
89	Direct Iodosulfonylation of Alkylynones with Sulfonylhydrazides and Iodine Pentoxide Leading to Multisubstituted $\hat{\bf l}\pm,\hat{\bf l}^2$ -Enones. Synlett, 2018, 29, 830-834.	1.0	14
90	Transition-metal-free KI-catalyzed regioselective sulfenylation of 4-anilinocoumarins using Bunte salts. Organic and Biomolecular Chemistry, 2018, 16, 8015-8019.	1.5	14

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91	Catalyst-free synthesis of α-thioacrylic acids <i>via</i> cascade thiolation and 1,4-aryl migration of aryl alkynoates at room temperature. Organic and Biomolecular Chemistry, 2018, 16, 8379-8383.	1.5	14
92	Copper-catalyzed decarboxylative stereospecific amidation of cinnamic acids with N-fluorobenzenesulfonimide. RSC Advances, 2016, 6, 72361-72365.	1.7	13
93	Binary-Acid Catalysis with Sc(OTf) ₃ /TfOH in the Alkenylation of Arenes with Alkynes. Organic Letters, 2021, 23, 5998-6003.	2.4	12
94	Rapid formation of Csp3–Csp3 bonds through copper-catalyzed decarboxylative Csp3–H functionalization. Chinese Chemical Letters, 2023, 34, 107477.	4.8	12
95	NBS/DBU mediated one-pot synthesis of \hat{l}_{\pm} -acyloxyketones from benzylic secondary alcohols and carboxylic acids. Organic and Biomolecular Chemistry, 2016, 14, 10998-11001.	1.5	11
96	Radial Type Ring Opening of Sulfonium Salts with Dichalcogenides by Visible Light and Copper Catalysis. Organic Letters, 2022, 24, 5391-5396.	2.4	11
97	Simultaneous absorbance-ratiometric, fluorimetric, and colorimetric analysis and biological imaging of α-ketoglutaric acid based on a special sensing mechanism. Sensors and Actuators B: Chemical, 2017, 241, 1035-1042.	4.0	9
98	Accurate Analysis and Evaluation of Acidic Plant Growth Regulators in Transgenic and Nontransgenic Edible Oils with Facile Microwave-Assisted Extraction–Derivatization. Journal of Agricultural and Food Chemistry, 2015, 63, 8058-8067.	2.4	6
99	Catalytic Asymmetric Synthesis of All Possible Stereoisomers of 2,3,4,6‶etradeoxy‶â€Aminohexopyranosides. Advanced Synthesis and Catalysis, 2018, 360, 2211-2215.	2.1	6
100	Catalyst-Free Regioselective C-3 Nitrosation of Imidazopyridines with tert-Butyl Nitrite under Neutral Conditions. Synthesis, 2015, 48, 122-130.	1.2	4
101	Silver(<scp>i</scp>)-catalyzed novel <i>ipso</i> -cycloaddition and retro-Friedel–Crafts reaction of <i>ortho</i> -hydroxyphenyl-substituted <i>para</i> -quinone methides. Organic Chemistry Frontiers, 2021, 8, 6400-6404.	2.3	4
102	Bioinspired cyclization of <i>in situ</i> generated \hat{l}^3 -indolyl \hat{l}^2 , \hat{l}^3 -unsaturated \hat{l}^4 -keto esters <i>via</i> an oxidative enamine process: facile approaches to pyrano [2,3- <i>b</i>) indoles. Organic Chemistry Frontiers, 2021, 8, 6337-6343.	2.3	4
103	HfCl ₄ -Catalyzed [4 + 2] Cycloaddition of \hat{l}^2 , \hat{l}^3 -Unsaturated \hat{l} ±-Keto Esters with Alkynes. Journal of Organic Chemistry, 2022, , .	1.7	3
104	Photocatalytic redox-neutral reaction of \hat{l}^3 -indolyl \hat{l}^\pm -keto esters. Organic Chemistry Frontiers, 2022, 9, 1875-1883.	2.3	2
105	Palladium-catalyzed decarboxylative $\langle i \rangle O \langle i \rangle$ -allylation of phenols with \hat{I}^3 -methylidene- \hat{I} -valerolactones. Organic Chemistry Frontiers, 2022, 9, 4365-4371.	2.3	2
106	Enantioselective Friedel–Crafts Reaction of 2-Alkynyphenols with Aromatic Ethers by Chiral Brønsted Acid Catalysis. Journal of Organic Chemistry, 0, , .	1.7	2
107	Electrospray Ionization Mass Spectra of Dipeptide Derivatives. Chinese Journal of Chemistry, 2009, 27, 1333-1338.	2.6	1
108	Efficient radical C(sp ³)â€"H α-oxyamination of carbonyls adjacent to the carbon chalcogen bond. Organic Chemistry Frontiers, 2022, 9, 3473-3479.	2.3	1