

# Daoshan Yang

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Alkylsulfonium salts for the photochemical desulphurizative functionalization of heteroarenes. <i>Organic Chemistry Frontiers</i> , <b>2022</b> , 9, 347-355	5.2	3
95	Three-component reaction access to S-alkyl dithiocarbamates under visible-light irradiation conditions in water. <i>Green Chemistry</i> , <b>2022</b> , 24, 1302-1307	10	3
94	Sulfonylation of Aryl Halides by Visible Light/Copper Catalysis. <i>Organic Letters</i> , <b>2021</b> , 23, 3663-3668	6.2	14
93	Oxidative dual C-H sulfonylation: 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> , <b>2021</b> , 32, 1705-1708	8.1	10
92	Decarboxylative C-H alkylation of heteroarenes by copper catalysis. <i>Organic Chemistry Frontiers</i> , <b>2021</b> , 8, 3128-3136	5.2	3
91	Binary-Acid Catalysis with Sc(OTf)/TfOH in the Alkenylation of Arenes with Alkynes. <i>Organic Letters</i> , <b>2021</b> , 23, 5998-6003	6.2	0
90	Degradation of polycarbonate to produce bisphenol A catalyzed by imidazolium-based DESs under metal-and solvent-free conditions.. <i>RSC Advances</i> , <b>2021</b> , 11, 1595-1604	3.7	1
89	Visible-light-induced regioselective cross-dehydrogenative coupling of 2-isothiocyanatonaphthalenes with amines using molecular oxygen. <i>Science China Chemistry</i> , <b>2020</b> , 63, 1652-1658	7.9	47
88	Visible-light-promoted oxidative desulphurisation: a strategy for the preparation of unsymmetrical ureas from isothiocyanates and amines using molecular oxygen. <i>Green Chemistry</i> , <b>2020</b> , 22, 2956-2962	10	28
87	Photocatalyst-Free Visible-Light-Promoted C(sp)-S Coupling: A Strategy for the Preparation of -Aryl Dithiocarbamates. <i>Organic Letters</i> , <b>2019</b> , 21, 7938-7942	6.2	66
86	Sulfonylacetone nitriles as Building Blocks in Copper-Catalyzed Domino Reactions: An Efficient Approach to Sulfonated Isoquinolin-1(2H)-ones. <i>Asian Journal of Organic Chemistry</i> , <b>2019</b> , 8, 1472-1478	3	19
85	Metal-Free Synthesis of Thiosulfonates via Insertion of Sulfur Dioxide. <i>Advanced Synthesis and Catalysis</i> , <b>2019</b> , 361, 1808-1814	5.6	55
84	Photocatalyst-Free Regioselective C-H Thiocyanation of 4-Anilinocoumarins under Visible Light. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2019</b> , 7, 14009-14015	8.3	58
83	Copper-Catalyzed Domino Synthesis of Sulfur-Containing Heterocycles Using Carbon Disulfide as a Building Block. <i>Advanced Synthesis and Catalysis</i> , <b>2019</b> , 361, 4558-4567	5.6	22
82	Metal-Free Catalytic Synthesis of Thiocarbamates Using Sodium Sulfinates as the Sulfur Source. <i>Journal of Organic Chemistry</i> , <b>2019</b> , 84, 2976-2983	4.2	35
81	Mechanism of Cu-Catalyzed Aerobic C(CO)H <sub>3</sub> Bond Cleavage: A Combined Computational and Experimental Study. <i>ACS Catalysis</i> , <b>2019</b> , 9, 1066-1080	13.1	24
80	Intermolecular Regio- and Stereoselective Hetero-[5+2] Cycloaddition of Oxidopyrylium Ylides and Cyclic Imines. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 887-891	16.4	14

79	Direct coupling of haloquinolines and sulfonyl chlorides leading to sulfonylated quinolines in water. <i>Tetrahedron Letters</i> , <b>2019</b> , 60, 214-218	2	40
78	Catalytic Asymmetric Synthesis of All Possible Stereoisomers of 2,3,4,6-Tetra-deoxy-4-Aminohexopyranosides. <i>Advanced Synthesis and Catalysis</i> , <b>2018</b> , 360, 2211-2215	5.6	4
77	Direct Iodosulfonylation of Alkylynes with Sulfonylhydrazides and Iodine Pentoxide Leading to Multisubstituted $\alpha$ -Enones. <i>Synlett</i> , <b>2018</b> , 29, 830-834	2.2	12
76	Copper-Catalyzed Regioselective Cleavage of C-X and C-H Bonds: A Strategy for Sulfur Dioxide Fixation. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 4423-4427	4.8	55
75	Visible-Light-Enabled Construction of Thiocarbamates from Isocyanides, Thiols, and Water at Room Temperature. <i>Organic Letters</i> , <b>2018</b> , 20, 5291-5295	6.2	59
74	Visible-light-enabled oxyazidation of alkenes leading to $\alpha$ -azidoketones in air. <i>Green Chemistry</i> , <b>2018</b> , 20, 3197-3202	10	70
73	Transition-metal-free KI-catalyzed regioselective sulfenylation of 4-anilincoumarins using Bunte salts. <i>Organic and Biomolecular Chemistry</i> , <b>2018</b> , 16, 8015-8019	3.9	8
72	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> , <b>2018</b> , 6, 17252-17257	8.7	113
71	Metal-Free C(sp)-H/N-H Cross-Dehydrogenative Coupling of Quinoxalinones with Aliphatic Amines under Visible-Light Photoredox Catalysis. <i>Organic Letters</i> , <b>2018</b> , 20, 7125-7130	6.2	161
70	Metal- and photocatalyst-free visible-light-promoted regioselective selenylation of coumarin derivatives via oxidation-induced C $\equiv$ H functionalization. <i>Organic Chemistry Frontiers</i> , <b>2018</b> , 5, 2974-2979	5.2	62
69	Catalyst-free synthesis of $\beta$ -thioacrylic acids via cascade thiolation and 1,4-aryl migration of aryl alkynoates at room temperature. <i>Organic and Biomolecular Chemistry</i> , <b>2018</b> , 16, 8379-8383	3.9	11
68	Copper-Catalyzed Selenylation of Imidazo[1,2-a]pyridines with Selenium Powder via a Radical Pathway. <i>Journal of Organic Chemistry</i> , <b>2017</b> , 82, 2906-2913	4.2	55
67	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> , <b>2017</b> , 73, 2022-2029	2.4	18
66	DMSO-promoted regioselective synthesis of sulfenylated pyrazoles via a radical pathway. <i>Organic Chemistry Frontiers</i> , <b>2017</b> , 4, 1367-1371	5.2	36
65	Metal-free IO-mediated direct construction of sulfonamides from thiols and amines. <i>Organic and Biomolecular Chemistry</i> , <b>2017</b> , 15, 4789-4793	3.9	24
64	Visible-light-induced selective synthesis of sulfoxides from alkenes and thiols using air as the oxidant. <i>Green Chemistry</i> , <b>2017</b> , 19, 3520-3524	10	95
63	Metal-free Oxidative Coupling of Aromatic Alkenes with Thiols Leading to (E)-Vinyl Sulfones. <i>Journal of Organic Chemistry</i> , <b>2017</b> , 82, 6857-6864	4.2	65
62	Visible-light-enabled spirocyclization of alkynes leading to 3-sulfonyl and 3-sulfenyl azaspiro[4,5]trienones. <i>Green Chemistry</i> , <b>2017</b> , 19, 5608-5613	10	111

61	Visible light-induced C≡N sulfenylation using sulfinic acids. <i>Green Chemistry</i> , <b>2017</b> , 19, 4785-4791	10	95
60	Label-free fluorescence turn-on aptasensor for prostate-specific antigen sensing based on aggregation-induced emission-silica nanospheres. <i>Analytical and Bioanalytical Chemistry</i> , <b>2017</b> , 409, 5757-5765	4.4	40
59	Direct cross-coupling of aryl alkynyl iodides with arylsulfenic acids leading to alkynyl sulfones under catalyst-free conditions. <i>Tetrahedron Letters</i> , <b>2017</b> , 58, 4799-4802	2	11
58	A highly water-soluble, sensitive, coumarin-based fluorescent probe for detecting thiols, and its application in bioimaging. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 15277-15282	3.6	14
57	Simultaneous absorbance-ratiometric, fluorimetric, and colorimetric analysis and biological imaging of ketoglutaric acid based on a special sensing mechanism. <i>Sensors and Actuators B: Chemical</i> , <b>2017</b> , 241, 1035-1042	8.5	8
56	Metal-free molecular iodine-catalyzed direct sulfonylation of pyrazolones with sodium sulfonates leading to sulfonated pyrazoles at room temperature. <i>Organic Chemistry Frontiers</i> , <b>2017</b> , 4, 26-30	5.2	61
55	Metal-free iodine-catalyzed direct cross-dehydrogenative coupling (CDC) between pyrazoles and thiols. <i>Organic Chemistry Frontiers</i> , <b>2016</b> , 3, 1457-1461	5.2	43
54	Visible-light initiated direct oxysulfonylation of alkenes with sulfinic acids leading to ketosulfones. <i>Green Chemistry</i> , <b>2016</b> , 18, 5630-5634	10	111
53	Copper-catalyzed decarboxylative stereospecific amidation of cinnamic acids with N-fluorobenzenesulfonimide. <i>RSC Advances</i> , <b>2016</b> , 6, 72361-72365	3.7	10
52	NBS/DBU mediated one-pot synthesis of $\alpha$ -cyloxyketones from benzylic secondary alcohols and carboxylic acids. <i>Organic and Biomolecular Chemistry</i> , <b>2016</b> , 14, 10998-11001	3.9	6
51	Copper-catalyzed domino synthesis of benzo[b]thiophene/imidazo[1,2-a]pyridines by sequential Ullmann-type coupling and intramolecular C(sp <sup>2</sup> )–S thiolation. <i>Organic Chemistry Frontiers</i> , <b>2016</b> , 3, 66-70	5.2	29
50	Molecular Iodine-Mediated Difunctionalization of Alkenes with Nitriles and Thiols Leading to $\alpha$ -Acetamido Sulfides. <i>Journal of Organic Chemistry</i> , <b>2016</b> , 81, 2252-60	4.2	71
49	A copper-catalyzed cascade reaction of o-bromoaryl isothiocyanates with isocyanides leading to benzo[d]imidazo[5,1-b]thiazoles under ligand-free conditions. <i>Organic Chemistry Frontiers</i> , <b>2016</b> , 3, 556-560	5.2	19
48	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> , <b>2016</b> , 14, 895-904	3.9	10
47	Iodine-catalyzed Direct Thiolation of Indoles with Thiols Leading to 3-Thioindoles Using Air as the Oxidant. <i>Catalysis Letters</i> , <b>2016</b> , 146, 1743-1748	2.8	40
46	Metal-free direct construction of sulfenylated pyrazoles via the NaOH promoted sulfenylation of pyrazolones with aryl thiols. <i>RSC Advances</i> , <b>2016</b> , 6, 51830-51833	3.7	31
45	Silver-mediated radical cyclization of alkynoates and $\beta$ -keto acids leading to coumarins via cascade double C-C bond formation. <i>Journal of Organic Chemistry</i> , <b>2015</b> , 80, 1550-6	4.2	118
44	Silver-catalyzed double-decarboxylative cross-coupling of $\beta$ -keto acids with cinnamic acids in water: a strategy for the preparation of chalcones. <i>Journal of Organic Chemistry</i> , <b>2015</b> , 80, 3258-63	4.2	45

43	Direct difunctionalization of alkenes with sulfinic acids and NBS leading to $\beta$ -bromo sulfones. <i>Tetrahedron Letters</i> , <b>2015</b> , 56, 1808-1811	2	42
42	I <sub>2</sub> O <sub>5</sub> /DBU mediated direct $\alpha$ -phosphoryloxylation of ketones with H-phosphonates leading to $\beta$ -hydroxyketone phosphates. <i>Tetrahedron</i> , <b>2015</b> , 71, 6901-6906	2.4	15
41	Direct thiolation of methoxybenzenes with thiols under metal-free conditions by iodine catalysis. <i>Tetrahedron Letters</i> , <b>2015</b> , 56, 4792-4795	2	31
40	Metal-free iodine-mediated synthesis of vinyl sulfones at room temperature using water as solvent. <i>RSC Advances</i> , <b>2015</b> , 5, 37013-37017	3.7	52
39	Metal-Free Oxidative Spirocyclization of Alkynes with Sulfonylhydrazides Leading to 3-Sulfonated Azaspiro[4,5]trienones. <i>Journal of Organic Chemistry</i> , <b>2015</b> , 80, 4966-72	4.2	109
38	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> , <b>2015</b> , 357, 987-992	5.6	74
37	Facile Access to Benzothiophenes through Metal-Free Iodine-Catalyzed Intermolecular Cyclization of Thiophenols and Alkynes. <i>Synlett</i> , <b>2015</b> , 26, 1890-1894	2.2	13
36	Silver-catalyzed direct spirocyclization of alkynes with thiophenols: a simple and facile approach to 3-thioazaspiro[4,5]trienones. <i>RSC Advances</i> , <b>2015</b> , 5, 84657-84661	3.7	46
35	Catalyst-Free Regioselective C-3 Thiocyanation of Imidazopyridines. <i>Journal of Organic Chemistry</i> , <b>2015</b> , 80, 11073-9	4.2	121
34	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> , <b>2015</b> , 63, 8058-67	5.7	5
33	Metal-free direct difunctionalization of alkenes with I <sub>2</sub> O <sub>5</sub> and P(O) <sub>n</sub> H <sub>3-n</sub> compounds leading to $\beta$ -dodophosphates. <i>Organic Chemistry Frontiers</i> , <b>2015</b> , 2, 1356-1360	5.2	30
32	Direct difunctionalization of alkynes with sulfinic acids and molecular iodine: a simple and convenient approach to (E)- $\beta$ -dodovinyl sulfones. <i>RSC Advances</i> , <b>2015</b> , 5, 4416-4419	3.7	73
31	Direct and metal-free arylsulfonylation of alkynes with sulfonylhydrazides for the construction of 3-sulfonated coumarins. <i>Chemical Communications</i> , <b>2015</b> , 51, 768-71	5.8	164
30	Metal-Free Direct Hydrosulfonylation of Azodicarboxylates with Sulfinic Acids Leading to Sulfonylhydrazine Derivatives. <i>Synthetic Communications</i> , <b>2015</b> , 45, 1574-1584	1.7	12
29	Catalyst-free direct decarboxylative coupling of $\beta$ -keto acids with thiols: a facile access to thioesters. <i>Organic and Biomolecular Chemistry</i> , <b>2015</b> , 13, 7323-30	3.9	55
28	"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> , <b>2015</b> , 140, 1832-6	5	21
27	Metal-Free Iodine-Catalyzed Direct Arylthiation of Substituted Anilines with Thiols. <i>Journal of Organic Chemistry</i> , <b>2015</b> , 80, 6083-92	4.2	65
26	Metal-free TBHP-mediated oxidative ring openings of 2-arylimidazopyridines via regioselective cleavage of C <sub>2</sub> -C <sub>3</sub> and C <sub>3</sub> -C <sub>4</sub> bonds. <i>RSC Advances</i> , <b>2015</b> , 5, 100102-100105	3.7	17

25	Catalyst-Free Regioselective C-3 Nitrosation of Imidazopyridines with tert-Butyl Nitrite under Neutral Conditions. <i>Synthesis</i> , <b>2015</b> , 48, 122-130	2.9	2
24	Copper-catalyzed domino synthesis of nitrogen heterocycle-fused benzoimidazole and 1,2,4-benzothiadiazine 1,1-dioxide derivatives. <i>ACS Combinatorial Science</i> , <b>2015</b> , 17, 113-9	3.9	37
23	Copper-catalyzed highly selective direct hydrosulfonylation of alkynes with arylsulfonic acids leading to vinyl sulfones. <i>Organic and Biomolecular Chemistry</i> , <b>2014</b> , 12, 1861-4	3.9	90
22	Magnetically recoverable and reusable CuFe <sub>2</sub> O <sub>4</sub> nanoparticle-catalyzed synthesis of benzoxazoles, benzothiazoles and benzimidazoles using dioxygen as oxidant. <i>RSC Advances</i> , <b>2014</b> , 4, 17832-17839	3.7	55
21	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> , <b>2014</b> , 4, 64930-64935	3.7	16
20	Catalyst-free direct arylsulfonylation of N-arylacrylamides with sulfonic acids: a convenient and efficient route to sulfonated oxindoles. <i>Green Chemistry</i> , <b>2014</b> , 16, 2988-2991	10	140
19	Metal-free n-Et <sub>4</sub> NBr-catalyzed radical cyclization of disulfides and alkynes leading to benzothiophenes under mild conditions. <i>RSC Advances</i> , <b>2014</b> , 4, 48547-48553	3.7	33
18	Iron-catalyzed direct difunctionalization of alkenes with dioxygen and sulfonic acids: a highly efficient and green approach to $\beta$ -ketosulfones. <i>Organic and Biomolecular Chemistry</i> , <b>2014</b> , 12, 7678-81	3.9	72
17	Copper-catalyzed cyanoalkylarylation of activated alkenes with AIBN: a convenient and efficient approach to cyano-containing oxindoles. <i>RSC Advances</i> , <b>2014</b> , 4, 48535-48538	3.7	29
16	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> , <b>2014</b> , 3, 969-973	3	17
15	Metal-free direct trifluoromethylation of activated alkenes with Langlois Reagent leading to CF <sub>3</sub> -containing oxindoles. <i>Journal of Organic Chemistry</i> , <b>2014</b> , 79, 4225-30	4.2	111
14	Mesoporous Poly(melamine-formaldehyde): A Green and Recyclable Heterogeneous Organocatalyst for the Synthesis of Benzoxazoles and Benzothiazoles Using Dioxygen as Oxidant. <i>ChemCatChem</i> , <b>2014</b> , 6, 3434-3439	5.2	34
13	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> , <b>2014</b> , 25, 729-735	2.2	24
12	A novel sustainable strategy for the synthesis of phenols by magnetic CuFe <sub>2</sub> O <sub>4</sub> -catalyzed oxidative hydroxylation of arylboronic acids under mild conditions in water. <i>Tetrahedron</i> , <b>2014</b> , 70, 3630-3634	2.4	43
11	Copper-catalyzed direct oxysulfonylation of alkenes with dioxygen and sulfonylhydrazides leading to $\beta$ -ketosulfones. <i>Chemical Communications</i> , <b>2013</b> , 49, 10239-41	5.8	236
10	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> , <b>2012</b> , 354, 477-482	5.6	42
9	Functionalizations of Aryl C-H Bonds in 2-Arylpyridines via Sequential Borylation and Copper Catalysis. <i>Advanced Synthesis and Catalysis</i> , <b>2012</b> , 354, 2211-2217	5.6	36
8	Copper-catalyzed aerobic oxidative synthesis of aromatic carboxylic acids. <i>Chemical Communications</i> , <b>2011</b> , 47, 2348-50	5.8	29

7	Efficient copper-catalyzed N-arylations of nitrogen-containing heterocycles and aliphatic amines in water. <i>Green Chemistry</i> , <b>2010</b> , 12, 1097	10	67
6	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> , <b>2010</b> , 16, 2366-70	4.8	90
5	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> , <b>2009</b> , 351, 1999-2004	5.6	48
4	Electrospray Ionization Mass Spectra of Dipeptide Derivatives. <i>Chinese Journal of Chemistry</i> , <b>2009</b> , 27, 1333-1338	4.9	0
3	Environmentally friendly iron-catalyzed cascade synthesis of 1,2,4-benzothiadiazine 1,1-dioxide and quinazolinone derivatives. <i>ACS Combinatorial Science</i> , <b>2009</b> , 11, 653-7		38
2	Copper-catalyzed synthesis of benzimidazoles via cascade reactions of o-haloacetanilide derivatives with amidine hydrochlorides. <i>Journal of Organic Chemistry</i> , <b>2008</b> , 73, 7841-4	4.2	131
1	A desulphurization strategy for Sonogashira couplings by visible light/copper catalysis. <i>Organic Chemistry Frontiers</i> ,	5.2	2