

Haijun Yang

List of Publications by Citations

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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.

92
papers

2,618
citations

29
h-index

47
g-index

115
ext. papers

3,052
ext. citations

5.3
avg, IF

5.44
L-index

#	Paper	IF	Citations
92	General copper-catalyzed transformations of functional groups from arylboronic acids in water. <i>Chemistry - A European Journal</i> , 2011 , 17, 5652-60	4.8	208
91	Synthesis of cellulose-graft-poly(N,N-dimethylamino-2-ethyl methacrylate) copolymers via homogeneous ATRP and their aggregates in aqueous media. <i>Biomacromolecules</i> , 2008 , 9, 2615-20	6.9	176
90	Room-Temperature Arylation of Thiols: Breakthrough with Aryl Chlorides. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 874-879	16.4	103
89	Visible-Light Photoredox Borylation of Aryl Halides and Subsequent Aerobic Oxidative Hydroxylation. <i>Organic Letters</i> , 2016 , 18, 5248-5251	6.2	95
88	An N-(acetoxyl)phthalimide motif as a visible-light pro-photosensitizer in photoredox decarboxylative arylthiation. <i>Chemical Communications</i> , 2016 , 52, 12909-12912	5.8	82
87	Metal-free ortho C-H borylation of 2-phenoxy pyridines under mild conditions. <i>Organic Letters</i> , 2012 , 14, 2618-21	6.2	77
86	Concise copper-catalyzed one-pot tandem synthesis of benzimidazo[1,2-b]isoquinolin-11-one derivatives. <i>Chemical Communications</i> , 2010 , 46, 4172-4	5.8	75
85	Merging Photoredox with Copper Catalysis: Decarboxylative Alkynylation of β -Amino Acid Derivatives. <i>Organic Letters</i> , 2017 , 19, 1016-1019	6.2	73
84	Metal-Free Trifluoromethylation and Arylation of Alkenes: Domino Synthesis of Oxindole Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2014 , 356, 1021-1028	5.6	65
83	Thiophenol-Catalyzed Visible-Light Photoredox Decarboxylative Couplings of N-(Acetoxyl)phthalimides. <i>Organic Letters</i> , 2016 , 18, 6400-6403	6.2	64
82	Iron or boron-catalyzed C-H arylthiation of substituted phenols at room temperature. <i>Chemical Communications</i> , 2014 , 50, 8875-7	5.8	62
81	Visible-Light Photoredox Synthesis of Chiral β -Selenoamino Acids. <i>Organic Letters</i> , 2016 , 18, 1968-71	6.2	62
80	Visible-Light-Mediated Aerobic Oxidation of N-Alkylpyridinium Salts under Organic Photocatalysis. <i>Journal of the American Chemical Society</i> , 2017 , 139, 14237-14243	16.4	57
79	Detection of phosphorus species in sediments of artificial landscape lakes in China by fractionation and phosphorus-31 nuclear magnetic resonance spectroscopy. <i>Environmental Pollution</i> , 2009 , 157, 49-56	9.3	57
78	Visible-light photoredox synthesis of internal alkynes containing quaternary carbons. <i>Chemical Communications</i> , 2016 , 52, 7292-4	5.8	54
77	Visible Light as a Sole Requirement for Intramolecular C(sp)-H Imination. <i>Organic Letters</i> , 2017 , 19, 1994-1997	6.2	50
76	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

75	Simple and efficient copper-catalyzed approach to 2,4-disubstituted imidazolones. <i>Organic Letters</i> , 2010 , 12, 3128-31	6.2	43
74	Visible-light photoredox synthesis of unnatural chiral amino acids. <i>Scientific Reports</i> , 2016 , 6, 26161	4.9	42
73	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
72	Transition Metal-Free Trifluoromethylation of N-Allylamides with Sodium Trifluoromethanesulfinate: Synthesis of Trifluoromethyl-Containing Oxazolines. <i>Advanced Synthesis and Catalysis</i> , 2014 , 356, 3669-3675	5.6	42
71	Copper-catalyzed aerobic oxidative C-H and C-C functionalization of 1-[2-(arylamino)aryl]ethanones leading to acridone derivatives. <i>Chemistry - A European Journal</i> , 2013 , 19, 4271-7	4.8	40
70	Consecutive visible-light photoredox decarboxylative couplings of adipic acid active esters with alkynyl sulfones leading to cyclic compounds. <i>Chemical Communications</i> , 2016 , 52, 8862-4	5.8	37
69	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
68	Copper-Catalyzed Selective Oxidative Acylation of Secondary Anilines with Ethyl Glyoxalate: Domino Synthesis of Indoline-2,3-diones. <i>Advanced Synthesis and Catalysis</i> , 2013 , 355, 1169-1176	5.6	35
67	Facile preparation of paper substrates coated with different materials and their applications in paper spray mass spectrometry. <i>Analytical Methods</i> , 2015 , 7, 5381-5386	3.2	33
66	Visible-Light Photoredox Difluoromethylation of Phenols and Thiophenols with Commercially Available Difluorobromoacetic Acid. <i>Organic Letters</i> , 2017 , 19, 2758-2761	6.2	32
65	Chiral Cyclic Ligand-Enabled Iridium-Catalyzed Asymmetric Arylation of Unactivated Racemic Allylic Alcohols with Anilines. <i>Organic Letters</i> , 2017 , 19, 3775-3778	6.2	30
64	Room-Temperature Arylation of Thiols: Breakthrough with Aryl Chlorides. <i>Angewandte Chemie</i> , 2017 , 129, 892-897	3.6	29
63	Copper-catalyzed aerobic oxidative synthesis of aromatic carboxylic acids. <i>Chemical Communications</i> , 2011 , 47, 2348-50	5.8	29
62	Copper-catalyzed bis-arylations of alkenes leading to oxindole derivatives. <i>Organic and Biomolecular Chemistry</i> , 2014 , 12, 4070-3	3.9	28
61	Iron-Catalyzed Diastereoselective Synthesis of Unnatural Chiral Amino Acid Derivatives. <i>Organic Letters</i> , 2016 , 18, 3362-5	6.2	28
60	Photocatalyst-Free Visible-Light Photoredox Dearomatization of Phenol Derivatives Containing Ketoximes: An Easy Access to Spiropyrrrolines. <i>Organic Letters</i> , 2019 , 21, 1799-1803	6.2	27
59	Light and oxygen-enabled sodium trifluoromethanesulfinate-mediated selective oxidation of C-H bonds. <i>Green Chemistry</i> , 2020 , 22, 4357-4363	10	27
58	General and efficient copper-catalyzed aerobic oxidative synthesis of N-fused heterocycles using amino acids as the nitrogen source. <i>RSC Advances</i> , 2013 , 3, 15636	3.7	26

57	Arylthiolation of Arylamine Derivatives with (Arylthio)-pyrrolidine-2,5-diones. <i>Advanced Synthesis and Catalysis</i> , 2015 , 357, 481-488	5.6	25
56	Metal-free oxysulfenylation of alkenes with 1-(arylthio)pyrrolidine-2,5-diones and alcohols. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 4846-50	3.9	25
55	Efficient copper-catalyzed synthesis of poly-N-heterocycles containing amino acid residues. <i>Chemistry - A European Journal</i> , 2011 , 17, 6765-71	4.8	24
54	Observation of replacement of carbon in benzene with nitrogen in a low-temperature plasma. <i>Scientific Reports</i> , 2013 , 3, 3481	4.9	23
53	Copper-Catalyzed Domino Synthesis of Isoquinolino[2,3-a]quinazolinones. <i>Advanced Synthesis and Catalysis</i> , 2012 , 354, 1579-1584	5.6	23
52	Super-Slippery Degraded Black Phosphorus/Silicon Dioxide Interface. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 7717-7726	9.5	22
51	Organic phosphorus fractionation in wetland soil profiles by chemical extraction and phosphorus-31 nuclear magnetic resonance spectroscopy. <i>Applied Geochemistry</i> , 2013 , 33, 213-221	3.5	22
50	Efficient copper-catalyzed Michael addition of acrylic derivatives with primary alcohols in the presence of base. <i>Chemical Communications</i> , 2013 , 49, 517-9	5.8	21
49	Efficient Synthesis of Dibenzoxaborinols from Diaryl Ethers and Their Application to Dibenzofuran Synthesis. <i>Advanced Synthesis and Catalysis</i> , 2013 , 355, 3625-3632	5.6	21
48	Metal-Free Oxidative C-H Amidation of N,N'-Diarylureas with PhI(OAc) ₂ : Synthesis of Benzimidazol-2-one Derivatives. <i>European Journal of Organic Chemistry</i> , 2015 , 2015, 5869-5875	3.2	20
47	Metal-Free Iodination of Arylboronic Acids and the Synthesis of Biaryl Derivatives. <i>Synlett</i> , 2014 , 25, 995-1000	10.0	19
46	Metal-free UV-Vis-light-induced aerobic oxidative hydroxylation of arylboronic acids in the absence of a photosensitizer. <i>RSC Advances</i> , 2014 , 4, 12977	3.7	18
45	Organocatalytic Atroposelective Construction of Axially Chiral -Aryl Benzimidazoles Involving Carbon-Carbon Bond Cleavage. <i>Organic Letters</i> , 2020 , 22, 6382-6387	6.2	17
44	Copper-catalyzed N-arylation and aerobic oxidative C-H/C-H coupling: one-pot synthesis of indoloimidazoquinoline derivatives. <i>RSC Advances</i> , 2013 , 3, 8211	3.7	16
43	Controlled synthesis of mesocrystal magnesium oxide parallelogram and its catalytic performance. <i>CrystEngComm</i> , 2015 , 17, 2642-2650	3.3	15
42	Axially Chiral Cyclic Phosphoric Acid Enabled Enantioselective Sequential Additions. <i>Organic Letters</i> , 2019 , 21, 2498-2503	6.2	14
41	Iron-Catalyzed Azidoalkylthiation of Alkenes with Trimethylsilyl Azide and 1-(Alkylthio)pyrrolidine-2,5-diones. <i>Advanced Synthesis and Catalysis</i> , 2016 , 358, 2806-2810	5.6	14
40	Transition metal-free intramolecular regioselective couplings of aliphatic and aromatic C-H bonds. <i>Scientific Reports</i> , 2016 , 6, 19931	4.9	13

39	Catalyst-Free Isothiocyanatoalkylthiation of Styrenes with (Alkylthio)pyrrolidine-2,5-diones and Trimethylsilyl Isothiocyanate. <i>Advanced Synthesis and Catalysis</i> , 2016 , 358, 1794-1800	5.6	13
38	Metal-free synthesis of substituted phenols from arylboronic acids in water at room temperature. <i>Chinese Chemical Letters</i> , 2014 , 25, 715-719	8.1	12
37	A sodium trifluoromethanesulfinate-mediated photocatalytic strategy for aerobic oxidation of alcohols. <i>Chemical Communications</i> , 2020 , 56, 12443-12446	5.8	12
36	Development of Axially Chiral Cyclo-Biaryldiol Ligands with Adjustable Dihedral Angles. <i>Chemistry - A European Journal</i> , 2016 , 22, 17477-17484	4.8	12
35	Iron-Catalyzed Arylsulfonylation of Activated Alkenes. <i>Synlett</i> , 2015 , 26, 688-694	2.2	11
34	Efficient ipso-nitration of arylboronic acids with iron nitrate as the nitro source. <i>RSC Advances</i> , 2013 , 3, 25602	3.7	11
33	Iridium-Catalyzed Enantioselective Synthesis of Dihydroimidazoquinazolinones by Elaborate Tuning of Chiral Cyclic Ligands. <i>Organic Letters</i> , 2017 , 19, 6376-6379	6.2	11
32	Synthesis and ESR behaviors of nitroxide monoradical based on calix[4]arene. <i>Tetrahedron Letters</i> , 2006 , 47, 7463-7465	2	10
31	Easy conjugations between molecules via copper-catalyzed reactions of ortho-aromatic diamines with ketones. <i>Green Chemistry</i> , 2013 , 15, 3184	10	8
30	Rhodium-Catalyzed Hydrosilylation Reaction of N-Sulfonyl-1,2,3-triazoles with Triphenylsilane: Access to Diverse Compounds. <i>European Journal of Organic Chemistry</i> , 2015 , 2015, 4471-4480	3.2	8
29	Iridium-catalyzed intramolecular enantioselective allylation of quinazolin-4(3H)-one derivatives. <i>Organic and Biomolecular Chemistry</i> , 2019 , 17, 6461-6464	3.9	7
28	Phosphorus transformation under the influence of aluminum, organic carbon, and dissolved oxygen at the water-sediment interface: A simulative study. <i>Frontiers of Environmental Science and Engineering</i> , 2020 , 14, 1	5.8	7
27	Olefination of Alkyl Halides with Aldehydes by Merging Visible-Light Photoredox Catalysis and Organophosphorus Chemistry. <i>IScience</i> , 2018 , 6, 102-113	6.1	7
26	Syntheses and spin-spin exchange interactions of calix[4]arene biradicals. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2008 , 70, 439-44	4.4	7
25	Bioorthogonal Ligation and Cleavage by Reactions of Chloroquinoxalines with ortho-Dithiophenols. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 3671-3677	16.4	7
24	Chiral Phosphoric Acid Catalyzed Asymmetric Addition of 2-(Vinylloxy)ethanol to Imines and Applications of the Products. <i>Organic Letters</i> , 2019 , 21, 5335-5340	6.2	6
23	Salt-induced silk gel-derived N and trace Fe co-doped 3D porous carbon as an oxygen reduction catalyst in microbial fuel cells. <i>Nanoscale</i> , 2019 , 11, 13431-13439	7.7	6
22	Boron-Catalyzed Arylthiooxygation of N-Allylamides: Synthesis of (Arylsulfonyl)oxazolines. <i>Synlett</i> , 2015 , 26, 676-680	2.2	6

21	Catalyst Coated Paper Substrate Strategy: Development and Its Application for Copper-Catalysts Screening and Activity Studies. <i>ChemistrySelect</i> , 2016 , 1, 3297-3305	1.8	6
20	Efficient copper-catalyzed domino synthesis of tetrazoloisoquinolines. <i>RSC Advances</i> , 2013 , 3, 6278	3.7	6
19	Copper-Catalyzed C ₈ H ₈ Activation of Substituted Pyridines Leading to Imidazopyridine Derivatives via Self-Redox of the Substrates. <i>Asian Journal of Organic Chemistry</i> , 2017 , 6, 1551-1555	3	6
18	Similar metabolic changes induced by HIPVs exposure as herbivore in <i>Ammopiptanthus mongolicus</i> . <i>PLoS ONE</i> , 2014 , 9, e95474	3.7	6
17	Copper-Catalyzed C-Arylation and Denitrogenation of Tetrazoles: Domino Synthesis of 1,3-Diaminoisoquinoline Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2013 , 355, 1177-1184	5.6	6
16	Efficient Copper-Catalyzed Synthesis of 2-Amino-4(3H)-quinazolinone and 2-Aminoquinazoline Derivatives. <i>Synthesis</i> , 2009 , 2009, 2679-2688	2.9	6
15	Shape evolution of parallelogrammic magnesium oxalate controlled by phosphate species. <i>RSC Advances</i> , 2015 , 5, 63034-63043	3.7	5
14	Highly Enantioselective Iridium-Catalyzed Cascade Double Allylation Strategy: Synthesis of Pyrrolidinoindolines with an All-Carbon Quaternary Stereocenter. <i>Organic Letters</i> , 2019 , 21, 8501-8505	6.2	5
13	Rhodium-Catalyzed Desulfination of Sodium Arenesulfonates and Oxidative Annulation with Alkynes. <i>Advanced Synthesis and Catalysis</i> , 2015 , 357, 489-499	5.6	5
12	Efficient Copper-Catalyzed Sonogashira Couplings of Aryl Halides with Terminal Alkynes in Water. <i>Synlett</i> , 2011 , 2011, 702-706	2.2	5
11	Chemistry in Calixarenes and Radicals: Inclusion, Spin Label, Reaction, and ESR Studies. <i>Chemistry Letters</i> , 2010 , 39, 796-802	1.7	5
10	Organocatalytic asymmetric synthesis of arylindolyl indolin-3-ones with both axial and central chirality. <i>Chemical Communications</i> , 2020 , 56, 12648-12651	5.8	5
9	Axially Chiral Cyclic Diphosphine Ligand-Enabled Palladium-Catalyzed Intramolecular Asymmetric Hydroarylation. <i>IScience</i> , 2018 , 10, 11-22	6.1	5
8	Copper-Catalyzed Cascade Synthesis of [1,2,4]-Triazoloquinazolinones. <i>Synlett</i> , 2018 , 29, 1395-1399	2.2	4
7	Metabolites of <i>Ammopiptanthus mongolicus</i> induced by <i>Orgyia ericae</i> attack and mechanical wounding. <i>Plant Physiology and Biochemistry</i> , 2013 , 69, 101-7	5.4	3
6	Copper-Catalyzed Domino Synthesis of Benzo[4,5]imidazo[1,2-a]pyrimidin-4(10H)-ones using Cyanamide as a Building Block. <i>Advanced Synthesis and Catalysis</i> , 2015 , 357, 3961-3968	5.6	3
5	Bioorthogonal Ligation and Cleavage by Reactions of Chloroquinoxalines with ortho-Dithiophenols. <i>Angewandte Chemie</i> , 2020 , 132, 3700-3706	3.6	3
4	Superbase-promoted selective carbon-carbon bond cleavage driven by aromatization. <i>Organic and Biomolecular Chemistry</i> , 2019 , 17, 4984-4989	3.9	2

- 3 Synthesis of Chiral Propargylamines, Chiral 1,2-Dihydronaphtho[2,1-b]furans and Naphtho[2,1-b]furans with C-Alkynyl N,N-di-(tert-butoxycarbonyl)-amines and Naphthols. *Chemistry - A European Journal*, **2021**, 27, 12884-12889 4.8 2
- 2 Successive Free-Radical C(sp²)–C(sp²) Coupling Reactions to Form Graphene. *CCS Chemistry*, 2735-2748 7.2 1
- 1 Synthesis of Spirotetrahydrofuran Oxindoles via Palladium-Catalyzed [4 + 1] Cycloaddition of Diphenyl 2-Oxindolin-3-yl Phosphates and 2-Methylenetrimethylene Carbonate. *Organic Letters*, **2021**, 23, 6499-6503 6.2 0