

# Wei Zeng

## List of Publications by Citations

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53  
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54  
ext. papers

2,117  
ext. citations

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avg, IF

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L-index

#	Paper	IF	Citations
53	Copper(II)-catalyzed enantioselective intramolecular carboamination of alkenes. <i>Journal of the American Chemical Society</i> , <b>2007</b> , 129, 12948-9	16.4	226
52	Copper-Catalyzed Oxidative Carbon-Carbon and/or Carbon-Heteroatom Bond Formation with O or Internal Oxidants. <i>Accounts of Chemical Research</i> , <b>2018</b> , 51, 1092-1105	24.3	125
51	Polystyrene-Supported Amino Acids as Efficient Catalyst for Chemical Fixation of Carbon Dioxide. <i>Advanced Synthesis and Catalysis</i> , <b>2010</b> , 352, 1925-1933	5.6	115
50	Facile synthesis of benzofurans via copper-catalyzed aerobic oxidative cyclization of phenols and alkynes. <i>Chemical Communications</i> , <b>2013</b> , 49, 6611-3	5.8	88
49	Copper-Catalyzed Regioselective C-H Sulfonylation of 8-Aminoquinolines. <i>Journal of Organic Chemistry</i> , <b>2016</b> , 81, 946-55	4.2	83
48	Rh(III)-Catalyzed [4 + 2] Annulation of Indoles with Diazo Compounds: Access to Pymido[1,6-a]indole-1(2H)-ones. <i>Organic Letters</i> , <b>2016</b> , 18, 192-5	6.2	80
47	Co(III)-Catalyzed Coupling-Cyclization of Aryl C-H Bonds with Diazoketones Involving Wolff Rearrangement. <i>ACS Catalysis</i> , <b>2018</b> , 8, 1308-1312	13.1	73
46	Cu(I)-catalyzed transannulation of N-heteroaryl aldehydes or ketones with alkylamines via C(sp <sup>3</sup> )-H amination. <i>Organic Letters</i> , <b>2014</b> , 16, 6232-5	6.2	73
45	Ruthenium(II)-catalyzed direct addition of indole/pyrrole C2-H bonds to alkynes. <i>Journal of Organic Chemistry</i> , <b>2014</b> , 79, 9472-80	4.2	72
44	Total synthesis of (S)-(+)-tylophorine via enantioselective intramolecular alkene carboamination. <i>Journal of Organic Chemistry</i> , <b>2008</b> , 73, 6045-7	4.2	64
43	Co(II)-Catalyzed Regioselective Cross-Dehydrogenative Coupling of Aryl C-H Bonds with Carboxylic Acids. <i>Organic Letters</i> , <b>2017</b> , 19, 4279-4282	6.2	59
42	Ru(II)-Catalyzed Coupling-Cyclization of Sulfoximines with alpha-Carbonyl Sulfoxonium Ylides as an Approach to 1,2-Benzothiazines. <i>Advanced Synthesis and Catalysis</i> , <b>2018</b> , 360, 3534-3543	5.6	53
41	Iridium(III)-Catalyzed Regioselective Intermolecular Unactivated Secondary C(sp <sup>3</sup> )-H Bond Amidation. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 11897-901	16.4	52
40	A [4 + 1] Cyclative Capture Access to Indolizines via Cobalt(III)-Catalyzed C(sp <sup>2</sup> )-H Bond Functionalization. <i>Organic Letters</i> , <b>2016</b> , 18, 4742-5	6.2	49
39	Highly stereoselective ruthenium(II)-catalyzed direct C2-syn-alkenylation of indoles with alkynes. <i>Organic Letters</i> , <b>2015</b> , 17, 1349-52	6.2	40
38	Copper-Catalyzed Cascade Cycloamination of C(sp <sup>3</sup> )-H Bond of N-Aryl Ketimines with Azides: Access to Quinoxalines. <i>Organic Letters</i> , <b>2016</b> , 18, 2078-81	6.2	39
37	Palladium-Catalyzed Direct Oxidative C-H Cross-Coupling of Azoarenes with Alcohols. <i>Advanced Synthesis and Catalysis</i> , <b>2014</b> , 356, 519-527	5.6	38

36	Pd(II)-Catalyzed Pyridine N-Oxides Directed Arylation of Unactivated Csp(3)-H Bonds. <i>Journal of Organic Chemistry</i> , <b>2015</b> , 80, 4618-26	4.2	37
35	Rh(III)-catalyzed chelation-assisted intermolecular carbenoid functionalization of $\beta$ -amino Csp(3)-H bonds. <i>Chemical Communications</i> , <b>2015</b> , 51, 15328-31	5.8	37
34	Transition-Metal-Free Tandem Chlorocyclization of Amines with Carboxylic Acids: Access to Chloroimidazo[1,2-b]pyridines. <i>Organic Letters</i> , <b>2015</b> , 17, 3998-4001	6.2	35
33	Human gait recognition via deterministic learning. <i>Neural Networks</i> , <b>2012</b> , 35, 92-102	9.1	35
32	Rh(III)-catalyzed relay carbenoid functionalization of aromatic C-H bonds: access to $\beta$ -conjugated fused heteroarenes. <i>Chemical Communications</i> , <b>2016</b> , 52, 5856-9	5.8	35
31	Ruthenium(II)-catalyzed regioselective reductive coupling of $\beta$ -amino esters with dienes. <i>Organic Letters</i> , <b>2013</b> , 15, 1440-3	6.2	33
30	Rh(III)-Catalyzed Carboamination of Propargyl Cycloalkanols with Arylamines via Csp-H/Csp-Csp Activation. <i>Organic Letters</i> , <b>2017</b> , 19, 3474-3477	6.2	32
29	Rh(III)-catalyzed regioselective intermolecular $\beta$ -methylene Csp-H bond carbenoid insertion. <i>Chemical Science</i> , <b>2018</b> , 9, 985-989	9.4	29
28	An Ir(III)-catalyzed aryl C-H bond carbenoid functionalization cascade: access to 1,3-dihydroindol-2-ones. <i>Organic and Biomolecular Chemistry</i> , <b>2017</b> , 15, 3638-3647	3.9	24
27	Palladium-Catalyzed Intramolecular Sulfonamidation/Oxidation of Imines: Access to Multifunctional Benzimidazoles. <i>Advanced Synthesis and Catalysis</i> , <b>2011</b> , 353, 2795-2804	5.6	24
26	A Foldamer-Based Organocatalyst for Direct Arylations of Unactivated Arenes. <i>Organic Letters</i> , <b>2017</b> , 19, 2190-2193	6.2	23
25	Rhodium(III)-catalyzed indole-directed carbenoid aryl C-H insertion/cyclization: access to 1,2-benzocarbazoles. <i>RSC Advances</i> , <b>2017</b> , 7, 30554-30558	3.7	20
24	Visible-Light-Mediated Sulfonylimination of Tertiary Amines with Sulfonylazides Involving C-C Bond Cleavage. <i>Organic Letters</i> , <b>2019</b> , 21, 2804-2807	6.2	20
23	Iridium(III)-Catalyzed Regioselective Intermolecular Unactivated Secondary Csp <sup>3</sup> -H Bond Amidation. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 12076-12080	3.6	17
22	Direct Carbon-Carbon Bond Amination of Unstrained Arylalkylketones. <i>ACS Catalysis</i> , <b>2020</b> , 10, 8402-8408	3.1	15
21	Zn(OAc) <sub>2</sub> -Catalyzed C3-Carbonylacetylation of Indoles with $\beta$ -Diazoketones Involving Wolff Rearrangement. <i>Organic Letters</i> , <b>2018</b> , 20, 6140-6143	6.2	14
20	Co(II)-Catalyzed Regioselective Pyridine C-H Coupling with Diazoacetates. <i>Organic Letters</i> , <b>2019</b> , 21, 3427-3430	6.13	13
19	Rhodium(I)-Catalyzed Coupling-Cyclization of C=O Bonds with $\beta$ -Diazoketones. <i>Organic Letters</i> , <b>2018</b> , 20, 3980-3983	6.2	13

18	Facile synthesis of a polyether-tethered dimeric berberine as a highly effective DNA-cleaving agent in the presence of Cu(II) ion. <i>MedChemComm</i> , <b>2013</b> , 4, 1400	5	10
17	Photocatalyzed cycloaromatization of vinylsilanes with arylsulfonylazides. <i>Nature Communications</i> , <b>2021</b> , 12, 3304	17.4	10
16	An efficient FeCl <sub>3</sub> -promoted O-alkyl cleavage of esters to carboxylic acids. <i>Applied Organometallic Chemistry</i> , <b>2011</b> , 25, 443-447	3.1	9
15	Cascade Reaction between Methyl 3-Dehydroshikimate, Arylamines, and 2-Chloroalkyl Esters under Microwave Conditions: A Practical and Biomass-Based Synthesis of N-Aryl-1,4-benzoxazin-3-ones. <i>Synthesis</i> , <b>2014</b> , 46, 1167-1176	2.9	8
14	Synthesis of Isoquinoline Derivatives via Palladium-Catalyzed C <sup>H</sup> /C <sup>N</sup> Bond Activation of N-Acyl Hydrazones with $\beta$ -Substituted Vinyl Azides. <i>Advanced Synthesis and Catalysis</i> , <b>2020</b> , 362, 1362-1369	5.6	8
13	Evaluation of 4-phenylamino-substituted naphthalene-1,2-diones as tubulin polymerization inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2018</b> , 28, 3057-3063	2.9	6
12	Photocatalyzed formal carboxygenation of terminal alkynes. <i>Organic Chemistry Frontiers</i> , <b>2020</b> , 7, 1600-1605	5.1	5
11	Brønsted acid/visible-light-promoted Markovnikov hydroamination of vinylarenes with arylamines. <i>Organic and Biomolecular Chemistry</i> , <b>2020</b> , 18, 956-963	3.9	4
10	Photocatalyzed Coupling-Cyclization of $\alpha$ -Alkynylaryl Vinylethers with Arylsulfonyl Azides. <i>Journal of Organic Chemistry</i> , <b>2021</b> , 86, 14572-14585	4.2	3
9	Rh(III)-Catalyzed sulfonylation of $\beta$ -hydroxy alcohols via C <sup>sp2</sup> -C <sup>sp3</sup> bond cleavage. <i>Organic Chemistry Frontiers</i> , <b>2021</b> , 8, 983-987	5.2	3
8	Pd-catalyzed tandem homocoupling/aldol dehydration of ortho-acylphenyl iodides. <i>RSC Advances</i> , <b>2014</b> , 4, 23595-23603	3.7	2
7	Copper-Catalyzed Addition of Alkylboranes to Iminoacetates: Access to $\beta$ -Alkyl Branched $\beta$ -Amino Acids. <i>Advanced Synthesis and Catalysis</i> , <b>2016</b> , 358, 2497-2509	5.6	2
6	Rh(III)-Catalyzed C <sup>sp2</sup> -C <sup>sp3</sup> Bond Cleavage/Carbonylethylation of $\beta$ -hydroxy Alcohols. <i>Advanced Synthesis and Catalysis</i> , <b>2021</b> , 363, 1672-1684	5.6	2
5	Visible-Light-Catalyzed in Situ Denitrogenative Sulfonylation of Sulfonylhydrazones. <i>Organic Letters</i> , <b>2021</b> , 23, 6784-6788	6.2	2
4	Rhodium(i)-catalyzed vinylation/[2 + 1] carbocyclization of 1,6-enynes with $\beta$ -diazocarbonyl compounds. <i>Organic and Biomolecular Chemistry</i> , <b>2019</b> , 17, 7042-7054	3.9	1
3	Rh(III)-Catalyzed C <sup>sp</sup> -C <sup>sp</sup> Bond Enolation of $\beta$ -hydroxy Alcohols. <i>Organic Letters</i> , <b>2021</b> , 23, 3965-3969	6.2	1
2	Rh(III)-Catalyzed C <sup>sp2</sup> -C <sup>sp3</sup> bond alkoxylation of $\beta$ -hydroxy alcohols via C <sup>sp</sup> -C <sup>sp</sup> bond cleavage. <i>Organic Chemistry Frontiers</i> , <b>2021</b> , 8, 2949-2954	5.2	1
1	Bimetal Cooperatively Catalyzed Arylalkynylation of Alkynylsilanes. <i>Organic Letters</i> , <b>2021</b> , 23, 6724-6728	6.2	1

