

# Wei Zeng

## List of Publications by Year in descending order

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54  
papers

2,299  
citations

201385

27  
h-index

214527

47  
g-index

54  
all docs

54  
docs citations

54  
times ranked

2440  
citing authors

#	ARTICLE	IF	CITATIONS
1	Copper(II)-Catalyzed Enantioselective Intramolecular Carboamination of Alkenes. <i>Journal of the American Chemical Society</i> , 2007, 129, 12948-12949.	6.6	252
2	Copper-Catalyzed Oxidative Carbon-Carbon and/or Carbon-Heteroatom Bond Formation with $O_2$ or Internal Oxidants. <i>Accounts of Chemical Research</i> , 2018, 51, 1092-1105.	7.6	166
3	Polystyrene-Supported Amino Acids as Efficient Catalyst for Chemical Fixation of Carbon Dioxide. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 1925-1933.	2.1	128
4	Co(III)-Catalyzed Coupling-Cyclization of Aryl C-H Bonds with $\alpha$ -Diazoketones Involving Wolff Rearrangement. <i>ACS Catalysis</i> , 2018, 8, 1308-1312.	5.5	98
5	Facile synthesis of benzofurans via copper-catalyzed aerobic oxidative cyclization of phenols and alkyne. <i>Chemical Communications</i> , 2013, 49, 6611.	2.2	97
6	Rh(III)-Catalyzed [4 + 2] Annulation of Indoles with Diazo Compounds: Access to Pyrimido[1,6- <i>ac</i> ]indole-1(2 <i>H</i> )-ones. <i>Organic Letters</i> , 2016, 18, 192-195.	2.4	97
7	Copper-Catalyzed Regioselective C-H Sulfonylation of 8-Aminoquinolines. <i>Journal of Organic Chemistry</i> , 2016, 81, 946-955.	1.7	97
8	Cu(I)-Catalyzed Transannulation of <i>N</i> -Heteroaryl Aldehydes or Ketones with Alkylamines via $C(sp^3)$ -H Amination. <i>Organic Letters</i> , 2014, 16, 6232-6235.	2.4	84
9	Ruthenium(II)-Catalyzed Direct Addition of Indole/Pyrrrole C2-H Bonds to Alkynes. <i>Journal of Organic Chemistry</i> , 2014, 79, 9472-9480.	1.7	84
10	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> , 2018, 360, 3534-3543.	2.1	80
11	Co(II)-Catalyzed Regioselective Cross-Dehydrogenative Coupling of Aryl C-H Bonds with Carboxylic Acids. <i>Organic Letters</i> , 2017, 19, 4279-4282.	2.4	76
12	Total Synthesis of ( <i>S</i> )-(+)-Tylophorine Via Enantioselective Intramolecular Alkene Carboamination. <i>Journal of Organic Chemistry</i> , 2008, 73, 6045-6047.	1.7	71
13	A [4 + 1] Cyclative Capture Access to Indolizines via Cobalt(III)-Catalyzed $C(sp^2)$ -H Bond Functionalization. <i>Organic Letters</i> , 2016, 18, 4742-4745.	2.4	58
14	Iridium(III)-Catalyzed Regioselective Intermolecular Unactivated Secondary $C(sp^3)$ -H Bond Amidation. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 11897-11901.	7.2	57
15	Highly Stereoselective Ruthenium(II)-Catalyzed Direct $C_2$ - <i>syn</i> -Alkenylation of Indoles with Alkynes. <i>Organic Letters</i> , 2015, 17, 1349-1352.	2.4	48
16	Copper-Catalyzed Cascade Cycloamination of $\alpha$ - $C(sp^3)$ -H Bond of <i>N</i> -Aryl Ketimines with Azides: Access to Quinoxalines. <i>Organic Letters</i> , 2016, 18, 2078-2081.	2.4	46
17	Transition-Metal-Free Tandem Chlorocyclization of Amines with Carboxylic Acids: Access to Chloroimidazo[1,2- <i>ij</i> ]pyridines. <i>Organic Letters</i> , 2015, 17, 3998-4001.	2.4	45
18	Pd(II)-Catalyzed Pyridine <i>N</i> -Oxides Directed Arylation of Unactivated $C(sp^3)$ -H Bonds. <i>Journal of Organic Chemistry</i> , 2015, 80, 4618-4626.	1.7	45

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19	Human gait recognition via deterministic learning. <i>Neural Networks</i> , 2012, 35, 92-102.	3.3	43
20	Rh(III)-catalyzed chelation-assisted intermolecular carbenoid functionalization of $\alpha$ -imino Csp <sup>3</sup> -H bonds. <i>Chemical Communications</i> , 2015, 51, 15328-15331.	2.2	43
21	Rh(III)-catalyzed relay carbenoid functionalization of aromatic C-H bonds: access to $\beta$ -conjugated fused heteroarenes. <i>Chemical Communications</i> , 2016, 52, 5856-5859.	2.2	40
22	Palladium-Catalyzed Direct Oxidative C-H Cross-Coupling of Azoarenes with Alcohols. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 519-527.	2.1	39
23	Ruthenium(II)-Catalyzed Regioselective Reductive Coupling of $\alpha$ -Imino Esters with Dienes. <i>Organic Letters</i> , 2013, 15, 1440-1443.	2.4	38
24	Rh(III)-Catalyzed Carboamination of Propargyl Cycloalkanols with Arylamines via Csp <sup>2</sup> -H/Csp <sup>3</sup> -H Activation. <i>Organic Letters</i> , 2017, 19, 3474-3477.	2.4	38
25	Rh(III)-catalyzed regioselective intermolecular $\alpha$ -methylene Csp <sup>3</sup> -H bond carbenoid insertion. <i>Chemical Science</i> , 2018, 9, 985-989.	3.7	37
26	Visible-Light-Mediated Sulfonylimination of Tertiary Amines with Sulfonylazides Involving Csp <sup>3</sup> -Csp <sup>3</sup> Bond Cleavage. <i>Organic Letters</i> , 2019, 21, 2804-2807.	2.4	35
27	Rhodium(III)-catalyzed indole-directed carbenoid aryl C-H insertion/cyclization: access to 1,2-benzocarbazoles. <i>RSC Advances</i> , 2017, 7, 30554-30558.	1.7	30
28	Palladium-Catalyzed Intramolecular Sulfonamidation/Oxidation of Imines: Access to Multifunctional Benzimidazoles. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 2795-2804.	2.1	29
29	An Ir(III)-catalyzed aryl C-H bond carbenoid functionalization cascade: access to 1,3-dihydroindol-2-ones. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 3638-3647.	1.5	28
30	A Foldamer-Based Organocatalyst for Direct Arylations of Unactivated Arenes. <i>Organic Letters</i> , 2017, 19, 2190-2193.	2.4	27
31	Photocatalyzed cycloaromatization of vinylsilanes with arylsulfonylazides. <i>Nature Communications</i> , 2021, 12, 3304.	5.8	27
32	Direct Carbon-Carbon $\beta$ Bond Amination of Unstrained Arylalkylketones. <i>ACS Catalysis</i> , 2020, 10, 8402-8408.	5.5	25
33	Co(II)-Catalyzed Regioselective Pyridine C-H Coupling with Diazoacetates. <i>Organic Letters</i> , 2019, 21, 3427-3430.	2.4	21
34	Rhodium(I)-Catalyzed Coupling-Cyclization of C=O Bonds with $\alpha$ -Diazoketones. <i>Organic Letters</i> , 2018, 20, 3980-3983.	2.4	19
35	Iridium(III)-Catalyzed Regioselective Intermolecular Unactivated Secondary Csp <sup>3</sup> -H Bond Amidation. <i>Angewandte Chemie</i> , 2016, 128, 12076-12080.	1.6	17
36	Zn(OAc) <sub>2</sub> -Catalyzed C3-Carbonylacetylation of Indoles with $\alpha$ -Diazoketones Involving Wolff Rearrangement. <i>Organic Letters</i> , 2018, 20, 6140-6143.	2.4	16

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37	Synthesis of Isoquinoline Derivatives via Palladium-Catalyzed C <sup>H</sup> /C <sup>N</sup> Bond Activation of N-Acyl Hydrazones with $\pm$ -Substituted Vinyl Azides. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 1362-1369.	2.1	14
38	An efficient FeCl <sub>3</sub> -promoted <i>in situ</i> alkyl cleavage of esters to carboxylic acids. <i>Applied Organometallic Chemistry</i> , 2011, 25, 443-447.	1.7	12
39	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> , 2013, 4, 1400.	3.5	10
40	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> , 2014, 46, 1167-1176.	1.2	9
41	Visible-Light-Catalyzed <i>in situ</i> Denitrogenative Sulfonylation of Sulfonylhydrazones. <i>Organic Letters</i> , 2021, 23, 6784-6788.	2.4	9
42	Photocatalyzed formal carboxylation of terminal alkynes. <i>Organic Chemistry Frontiers</i> , 2020, 7, 1600-1605.	2.3	8
43	Rh(III)-Catalyzed C <sup>2</sup> -C <sup>3</sup> bond alkoxylation of $\pm$ -indolyl alcohols <i>via</i> C <sup>2</sup> -C <sup>3</sup> bond cleavage. <i>Organic Chemistry Frontiers</i> , 2021, 8, 2949-2954.	2.3	8
44	Evaluation of 4-phenylamino-substituted naphthalene-1,2-diones as tubulin polymerization inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 3057-3063.	1.0	7
45	Bimetal Cooperatively Catalyzed Arylalkynylation of Alkynylsilanes. <i>Organic Letters</i> , 2021, 23, 6724-6728.	2.4	7
46	Pd-catalyzed tandem homocoupling-aldol dehydration of ortho-acylphenyl iodides. <i>RSC Advances</i> , 2014, 4, 23595-23603.	1.7	6
47	Photocatalyzed Coupling-Cyclization of <i>ortho</i> -Alkynylaryl Vinylethers with Arylsulfonyl Azides. <i>Journal of Organic Chemistry</i> , 2021, 86, 14572-14585.	1.7	6
48	Brønsted acid/visible-light-promoted Markovnikov hydroamination of vinylarenes with arylamines. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 956-963.	1.5	5
49	Rh(III)-Catalyzed C <sup>2</sup> -C <sup>3</sup> Bond Cleavage/Carbonylethylation of $\pm$ -Indolyl Alcohols. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 1672-1684.	2.1	5
50	Rhodium-catalyzed vinylation/[2 + 1] carbocyclization of 1,6-enynes with $\pm$ -diazocarbonyl compounds. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 7042-7054.	1.5	4
51	Rh(III)-Catalyzed sulfonylation of $\pm$ -indolyl alcohols <i>via</i> C <sup>2</sup> -C <sup>3</sup> bond cleavage. <i>Organic Chemistry Frontiers</i> , 2021, 8, 983-987.	2.3	4
52	Copper-Catalyzed Addition of Alkylboranes to Iminoacetates: Access to $\pm$ -Alkyl Branched $\pm$ -Amino Acids. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 2497-2509.	2.1	2
53	Rh(III)-Catalyzed C <sup>2</sup> -C <sup>3</sup> Bond Enolization of $\pm$ -Indolyl Alcohols. <i>Organic Letters</i> , 2021, 23, 3965-3969.	2.4	2
54	Labview-based human gait recognition system design via deterministic learning. , 2012, , .		0