

# Weiping Su

## List of Publications by Year in descending order

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71  
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4,890  
citations

126907

33  
h-index

91884

69  
g-index

80  
all docs

80  
docs citations

80  
times ranked

4069  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metal-Catalyzed Decarboxylative C-H Functionalization. <i>Chemical Reviews</i> , 2017, 117, 8864-8907.	47.7	652
2	Recent advances in directed C-H functionalizations using monodentate nitrogen-based directing groups. <i>Organic Chemistry Frontiers</i> , 2014, 1, 843.	4.5	519
3	Carboxylic Acids as Traceless Directing Groups for the Rhodium(III)-Catalyzed Decarboxylative C-H Arylation of Thiophenes. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 3817-3821.	13.8	211
4	Palladium-Catalyzed Decarboxylative C-H Bond Arylation of Thiophenes. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 227-231.	13.8	193
5	Silver-Catalyzed Arylation of (Hetero)arenes by Oxidative Decarboxylation of Aromatic Carboxylic Acids. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 2199-2203.	13.8	182
6	Hydrothermal syntheses, structures and properties of terephthalate-bridged polymeric complexes with zig-zag chain and channel structures. <i>Dalton Transactions RSC</i> , 2001, , 2335-2340.	2.3	180
7	A Versatile Catalyst for Intermolecular Direct Arylation of Indoles with Benzoic Acids as Arylating Reagents. <i>Chemistry - A European Journal</i> , 2010, 16, 5876-5881.	3.3	166
8	Pd(O <sub>2</sub> CCF <sub>3</sub> ) <sub>2</sub> /Benzoquinone: A Versatile Catalyst System for the Decarboxylative Olefination of Arene Carboxylic Acids. <i>Organic Letters</i> , 2009, 11, 2341-2344.	4.6	165
9	Assembly of Silver(I) Polymers with Helical and Lamellar Structures. <i>Chemistry - A European Journal</i> , 2000, 6, 427-431.	3.3	154
10	Cu-Catalyzed Sequential Dehydrogenation-Conjugate Addition for $\beta^2$ -Functionalization of Saturated Ketones: Scope and Mechanism. <i>Journal of the American Chemical Society</i> , 2016, 138, 5623-5633.	13.7	153
11	Copper-Catalyzed Intermolecular Amination of Acidic Aryl C-H Bonds with Primary Aromatic Amines. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 1301-1306.	4.3	145
12	Palladium-Catalyzed Oxidative Cross-Coupling between Heterocycles and Terminal Alkynes with Low Catalyst Loading. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 3630-3633.	13.8	134
13	A General Pd-Catalyzed Decarboxylative Cross-Coupling Reaction between Aryl Carboxylic Acids: Synthesis of Biaryl Compounds. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 5945-5949.	13.8	130
14	Pd/Pd <sub>3</sub> -Catalyzed Cross-Coupling of Aromatic Carboxylic Acids with Electron-Deficient Polyfluoroarenes via Combination of Decarboxylation with sp <sup>2</sup> C-H Cleavage. <i>Journal of Organic Chemistry</i> , 2011, 76, 882-893.	3.2	125
15	Stable porphyrin Zr and Hf metal-organic frameworks featuring 2.5 nm cages: high surface areas, SCSC transformations and catalyses. <i>Chemical Science</i> , 2015, 6, 3466-3470.	7.4	118
16	Pd-Catalyzed Decarboxylative Heck Coupling with Dioxide as the Terminal Oxidant. <i>Organic Letters</i> , 2010, 12, 4992-4995.	4.6	106
17	Pd-Catalyzed C-H Olefination of (Hetero)Arenes by Using Saturated Ketones as an Olefin Source. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 1299-1303.	13.8	106
18	Mechanism of silver- and copper-catalyzed decarboxylation reactions of aryl carboxylic acids. <i>Dalton Transactions</i> , 2011, 40, 11926.	3.3	85

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19	Pd-Catalyzed Cross-Coupling of Aryl Carboxylic Acids with Propiophenones through a Combination of Decarboxylation and Dehydrogenation. <i>Chemistry - A European Journal</i> , 2012, 18, 8032-8036.	3.3	82
20	Photo-driven redox-neutral decarboxylative carbon-hydrogen trifluoromethylation of (hetero)arenes with trifluoroacetic acid. <i>Nature Communications</i> , 2017, 8, 14353.	12.8	75
21	Dehydrogenative desaturation-relay via formation of multicenter-stabilized radical intermediates. <i>Nature Communications</i> , 2017, 8, 2273.	12.8	74
22	Ambient-Temperature Ortho C-H Arylation of Benzoic Acids with Aryl Iodides with Ligand-Supported Palladium Catalyst. <i>Organic Letters</i> , 2015, 17, 3418-3421.	4.6	70
23	Pd-catalyzed cross-coupling of carboxylic acids with nitroethane via combination of decarboxylation and dehydrogenation. <i>Chemical Communications</i> , 2010, 46, 5455.	4.1	68
24	Rh <sup>III</sup> -Catalyzed C-H Olefination of Benzoic Acids under Mild Conditions using Oxygen as the Sole Oxidant. <i>Chemistry - an Asian Journal</i> , 2016, 11, 356-359.	3.3	57
25	Rh/Cu-Catalyzed Ketone $\alpha^2$ -Functionalization by Merging Ketone Dehydrogenation and Carboxyl-Directed C-H Alkylation. <i>ACS Catalysis</i> , 2018, 8, 4777-4782.	11.2	53
26	A DFT study on the Pd-mediated decarboxylation process of aryl carboxylic acids. <i>Dalton Transactions</i> , 2010, 39, 9815.	3.3	44
27	Differentiation between enamines and tautomerizable imines in the oxidation reaction with TEMPO. <i>Nature Communications</i> , 2018, 9, 5002.	12.8	40
28	Sodium Iodide-Catalyzed Direct $\alpha$ -Alkoxylation of Ketones with Alcohols via Oxidation of $\alpha$ -Iodo Ketone Intermediates. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 331-338.	4.3	38
29	3D lanthanide-transition-metal-organic frameworks constructed from tetranuclear {Ln <sub>4</sub> } SBUs and Cu centres with fsc net. <i>CrystEngComm</i> , 2011, 13, 3998.	2.6	37
30	Condensation of anthranilic acids with pyridines to furnish pyridoquinazolones via pyridine dearomatization. <i>Chemical Communications</i> , 2016, 52, 12869-12872.	4.1	34
31	Synthesis and characterization of two copper cyanide complexes with hexagonal Cu <sub>6</sub> units. <i>Dalton Transactions RSC</i> , 2000, , 1685-1686.	2.3	33
32	Palladium-Catalyzed Decarboxylative C-H Bond Arylation of Furans. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 4230-4233.	2.4	32
33	Recyclable palladium catalyst for facile synthesis of imines from benzyl alcohols and nitroarenes. <i>Applied Catalysis A: General</i> , 2014, 470, 1-7.	4.3	29
34	Pd-Catalyzed Decarboxylative Sonogashira Reaction via Decarboxylative Bromination. <i>Organic Letters</i> , 2018, 20, 2424-2427.	4.6	29
35	Atmosphere-Pressure Methane Oxidation to Methyl Trifluoroacetate Enabled by a Porous Organic Polymer-Supported Single-Site Palladium Catalyst. <i>ACS Catalysis</i> , 2021, 11, 1008-1013.	11.2	27
36	Rhodium-Cobalt Bimetallic Nanoparticles: A Catalyst for Selective Hydrogenation of Unsaturated Carbon-Carbon Bonds with Hydrous Hydrazine. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 41-46.	4.3	25

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37	Rhodium-catalyzed indole synthesis at room temperature using the transient oxidizing directing group strategy. <i>Chemical Communications</i> , 2019, 55, 9547-9550.	4.1	25
38	Asymmetric Synthesis of Multi-Substituted Tetrahydrofurans via Palladium/Rhodium Synergistic Catalyzed [3+2] Decarboxylative Cycloaddition of Vinylethylene Carbonates. <i>Chemistry - A European Journal</i> , 2021, 27, 12742-12746.	3.3	24
39	Copper-catalyzed dehydrogenative $\hat{I}^3$ -C(sp <sup>3</sup> )-H amination of saturated ketones for synthesis of polysubstituted anilines. <i>Nature Communications</i> , 2019, 10, 3681.	12.8	22
40	Palladium-Catalyzed Direct Arylation of Polyfluoroarenes with Organosilicon Reagents. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 3323-3327.	2.4	17
41	Synthesis of $\hat{I}^{\pm}$ -enaminones from cyclic ketones and anilines using oxoammonium salt as an oxygen transfer reagent. <i>Green Chemistry</i> , 2020, 22, 1827-1831.	9.0	17
42	Activation of Aryl Carboxylic Acids by Diboron Reagents towards Nickel-Catalyzed Direct Decarbonylative Borylation. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 24510-24518.	13.8	15
43	A new access to palladium-phosphine chemistry. Formation of polynuclear palladium compounds via the oxidation of ligands in simple palladium(II) complexes. <i>Dalton Transactions RSC</i> , 2000, , 1527-1532.	2.3	14
44	A novel trinuclear cobalt complex comprising moieties derived from single and double C-S bond cleavage of diethyldithiocarbamate. <i>Dalton Transactions RSC</i> , 2001, , 2961-2962.	2.3	14
45	Photoinduced C-H direct arylation of unactivated arenes. <i>Science China Chemistry</i> , 2015, 58, 1329-1333.	8.2	12
46	1,2-Aryl Migration Induced by Amide C-N Bond Formation: Reaction of Alkyl Aryl Ketones with Primary Amines Towards $\hat{I}^{\pm}$ -Diaryl $\hat{I}^3$ -Unsaturated $\hat{I}^3$ -Lactams. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 8425-8430.	13.8	12
47	Inorganica - Organic Hybrid Polymers via Hydrothermal Syntheses: Tetraaquahexakis(pyrazine-2-carboxylato)pentacopper(4+) Hexacosaoxooctamolybdate(4 <sup>-</sup> ) Polymer ([Cu <sub>5</sub> (pzca) <sub>6</sub> (H <sub>2</sub> O) <sub>4</sub> ][Mo <sub>8</sub> O <sub>26</sub> ]) <sub>n</sub> ; pzca=Pyrazine-2-carboxylate) and Diccopperdecaoxo(pyrazine)trimolybdenum Polymer ([Mo <sub>3</sub> Cu <sub>2</sub> O <sub>10</sub> (pz)] <sub>n</sub> ; pz=pyrazine). <i>Helvetica Chimica Acta</i> , 2001, 84, 3393-3402.	1.6	11
48	Rh-Catalyzed General Method for Directed C-H Functionalization via Decarbonylation of <i>in-Situ</i> -Generated Acid Fluorides from Carboxylic Acids. <i>Organic Letters</i> , 2021, 23, 4191-4196.	4.6	11
49	A Tandem Dehydrogenation-Driven Cross-Coupling between Cyclohexanones and Primary Amines for Construction of Benzoxazoles. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	11
50	Ni-Catalyzed Deoxygenative Borylation of Phenols Via O-Phenyl-uronium Activation. <i>ACS Catalysis</i> , 2022, 12, 8904-8910.	11.2	10
51	Direct remote $\hat{I}^2$ -C(sp <sup>2</sup> )-H olefination of $\hat{I}^2$ -aryl-substituted aliphatic aldehydes via palladium/enamine co-catalysis. <i>Organic Chemistry Frontiers</i> , 2020, 7, 2965-2974.	4.5	8
52	Rh(III)-catalyzed spiroannulation of 3-arylquinoxalin-2(1H)-ones with alkynes: practical access to spiroquinoxalinones. <i>RSC Advances</i> , 2020, 10, 22216-22221.	3.6	8
53	Transition-Metal-Free, TsOH-Mediated Direct C-H Allylation of 1,4-Benzoquinone with Allylic Alcohols. <i>Asian Journal of Organic Chemistry</i> , 2018, 7, 1385-1389.	2.7	7
54	Branched-Selective Decarboxylative Heck Reaction with Electronically Unbiased Olefins. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 2768-2773.	2.4	6

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55	Oxidation of Enones for Regioselective [3+2] Cycloaddition through $\hat{\text{I}}^3$ -Enone Radical Intermediates. <i>Chemistry - A European Journal</i> , 2019, 25, 15233-15238.	3.3	6
56	1,2-Aryl Migration Induced by Amide C $\sim$ N Bond Formation: Reaction of Alkyl Aryl Ketones with Primary Amines Towards 1,1-Diaryl 1,3-Unsaturated $\hat{\text{I}}^3$ -Lactams. <i>Angewandte Chemie</i> , 2021, 133, 8506-8511.	2.0	6
57	Synthesis of 3-Substituted 2-Oxindoles from Secondary $\hat{\text{I}}^3$ -Bromo-Propionanilides via Palladium-Catalyzed Intramolecular Cyclization. <i>Organic and Biomolecular Chemistry</i> , 2022, , .	2.8	5
58	Iodide-enhanced palladium catalysis via formation of iodide-bridged binuclear palladium complex. <i>Communications Chemistry</i> , 2020, 3, .	4.5	4
59	A facile method for Rh-catalyzed decarbonylative <i>ortho</i> -C-H alkylation of (hetero)arenes with alkyl carboxylic acids. <i>RSC Advances</i> , 2021, 11, 19827-19831.	3.6	2
60	Cobalt-Catalyzed Regioselective <i>para</i> -Amination of Azobenzenes via Nucleophilic Aromatic Substitution of Hydrogen. <i>Journal of Organic Chemistry</i> , 2022, 87, 4724-4731.	3.2	2
61	SYNTHESES AND STRUCTURES OF CLUSTER COMPOUNDS CONTAINING WSe <sub>4</sub> Cu <sub>n</sub> ( <i>n</i> = 3,4) CORES WITH DIALKYL DITHIOCARBAMATE LIGANDS. <i>Journal of Coordination Chemistry</i> , 2000, 49, 227-238.	2.2	1
62	DBU-Catalyzed Regioselective $\hat{\text{I}}^3$ -Alkylation of Enones Using the Vinylogous Strategy. <i>Asian Journal of Organic Chemistry</i> , 2021, 10, 1718-1721.	2.7	1
63	Facile Synthesis of Alkylidene Phthalides by Rhodium-Catalyzed Domino C-H Acylation/Annulation of Benzamides with Aliphatic Carboxylic Acids. <i>Chemistry - A European Journal</i> , 2021, 27, 15628-15633.	3.3	1
64	Assembly of Silver(I) Polymers with Helical and Lamellar Structures. <i>Chemistry - A European Journal</i> , 2000, 6, 427-431.	3.3	1
65	A Tandem Dehydrogenation-Driven Cross-Coupling between Cyclohexanones and Primary Amines for Construction of Benzoxazoles. <i>Angewandte Chemie</i> , 0, , .	2.0	1
66	Cover Picture: Pd-Catalyzed $\hat{\text{I}}^3$ -Arylation of Trimethylsilyl Enol Ethers with Aryl Bromides and Chlorides: A Synergistic Effect of Two Metal Fluorides as Additives ( <i>Angew. Chem. Int. Ed.</i> 35/2006). <i>Angewandte Chemie - International Edition</i> , 2006, 45, 5717-5717.	13.8	0
67	Oxidation of Enones for Regioselective [3+2] Cycloaddition through $\hat{\text{I}}^3$ -Enone Radical Intermediates. <i>Chemistry - A European Journal</i> , 2019, 25, 15217-15217.	3.3	0
68	Activation of Aryl Carboxylic Acids by Diboron Reagents towards Nickel-Catalyzed Direct Decarbonylative Borylation. <i>Angewandte Chemie</i> , 2021, 133, 24715.	2.0	0
69	Frontispiz: Activation of Aryl Carboxylic Acids by Diboron Reagents towards Nickel-Catalyzed Direct Decarbonylative Borylation. <i>Angewandte Chemie</i> , 2021, 133, .	2.0	0
70	Frontispiece: Activation of Aryl Carboxylic Acids by Diboron Reagents towards Nickel-Catalyzed Direct Decarbonylative Borylation. <i>Angewandte Chemie - International Edition</i> , 2021, 60, .	13.8	0
71	Convenient and flexible syntheses of <i>gem</i> -dimethyl carboxylic triggers <i>via</i> mono-selective $\hat{\text{I}}^2$ -C(sp <sup>3</sup> )-H arylation of pivalic acid with <i>ortho</i> -substituted aryl iodides. <i>Organic Chemistry Frontiers</i> , 0, , .	4.5	0