

Wen-Jun Zhou

List of Publications by Year in descending order

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33
papers

2,125
citations

257450

24
h-index

414414

32
g-index

40
all docs

40
docs citations

40
times ranked

1638
citing authors

#	ARTICLE	IF	CITATIONS
1	Visible-Light-Driven Iron-Promoted Thiocarboxylation of Styrenes and Acrylates with CO ₂ . <i>Angewandte Chemie - International Edition</i> , 2017, 56, 15416-15420.	13.8	206
2	Visible-Light-Driven Palladium-Catalyzed Radical Alkylation of C ^α -H Bonds with Unactivated Alkyl Bromides. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 15683-15687.	13.8	181
3	Visible-Light-Driven External-Reductant-Free Cross-Electrophile Couplings of Tetraalkyl Ammonium Salts. <i>Journal of the American Chemical Society</i> , 2018, 140, 17338-17342.	13.7	152
4	Visible-Light-Driven Catalytic Reductive Carboxylation with CO ₂ . <i>ACS Catalysis</i> , 2020, 10, 10871-10885.	11.2	146
5	Photochemical Carboxylation of Activated C(sp ³) ^α -H Bonds with CO ₂ . <i>ChemSusChem</i> , 2017, 10, 1337-1340.	6.8	117
6	Selective Oxytrifluoromethylation of Allylamines with CO ₂ . <i>Angewandte Chemie - International Edition</i> , 2016, 55, 10022-10026.	13.8	105
7	Oxy-Alkylation of Allylamines with Unactivated Alkyl Bromides and CO ₂ via Visible-Light-Driven Palladium Catalysis. <i>Organic Letters</i> , 2018, 20, 3049-3052.	4.6	100
8	Reductive dearomative arylcarboxylation of indoles with CO ₂ via visible-light photoredox catalysis. <i>Nature Communications</i> , 2020, 11, 3263.	12.8	100
9	Oxy-Difluoroalkylation of Allylamines with CO ₂ via Visible-Light Photoredox Catalysis. <i>Organic Letters</i> , 2018, 20, 190-193.	4.6	98
10	Phosphorylation of Alkenyl and Aryl C=O Bonds via Photoredox/Nickel Dual Catalysis. <i>Organic Letters</i> , 2017, 19, 3735-3738.	4.6	92
11	Radical Trifluoromethylative Dearomatization of Indoles and Furans with CO ₂ . <i>ACS Catalysis</i> , 2017, 7, 8324-8330.	11.2	85
12	Merging Transition-Metal Catalysis with Photoredox Catalysis: An Environmentally Friendly Strategy for C ^α -H Functionalization. <i>Synthesis</i> , 2018, 50, 3359-3378.	2.3	78
13	Nickel-Catalyzed Asymmetric Reductive Carbo-Carboxylation of Alkenes with CO ₂ . <i>Angewandte Chemie - International Edition</i> , 2021, 60, 14068-14075.	13.8	77
14	Pd(PPh ₃) ₄ -PEG 400 Catalyzed Protocol for the Atom-Efficient Stille Cross-Coupling Reaction of Organotin with Aryl Bromides. <i>Journal of Organic Chemistry</i> , 2009, 74, 5599-5602.	3.2	71
15	Visible Light-induced Palladium-catalysis in Organic Synthesis. <i>Chemistry Letters</i> , 2019, 48, 181-191.	1.3	67
16	Light Runs Across Iron Catalysts in Organic Transformations. <i>Chemistry - A European Journal</i> , 2020, 26, 15052-15064.	3.3	47
17	Pd-catalyzed carbonylation of aryl C-H bonds in benzamides with CO ₂ . <i>Organic Chemistry Frontiers</i> , 2018, 5, 2086-2090.	4.5	46
18	Visible-light-mediated external-reductant-free reductive cross coupling of benzylammonium salts with (hetero)aryl nitriles. <i>Science China Chemistry</i> , 2019, 62, 1519-1524.	8.2	44

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19	Visible-Light-Driven Iron-Promoted Thiocarboxylation of Styrenes and Acrylates with CO ₂ . <i>Angewandte Chemie</i> , 2017, 129, 15618-15622.	2.0	43
20	Atom-Efficient, Palladium-Catalyzed Stille Coupling Reactions of Tetraphenylstannane with Aryl Iodides or Aryl Bromides in Polyethylene Glycol 400 (PEG-400). <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 1378-1382.	4.3	40
21	Reusable, Polystyrene-Resin-Supported, Palladium-Catalyzed, Atom-Efficient Cross-Coupling Reaction of Aryl Halides with Triarylboranes. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 416-419.	2.4	38
22	Visible-Light-Driven Palladium-Catalyzed Radical Alkylation of C-H Bonds with Unactivated Alkyl Bromides. <i>Angewandte Chemie</i> , 2017, 129, 15889-15893.	2.0	36
23	Ligand-free, atom-efficient Suzuki-Miyaura type cross-coupling reactions at room temperature. <i>Tetrahedron</i> , 2010, 66, 7633-7641.	1.9	34
24	Coupling of C(sp ³)-H bonds with C(sp ²)-O electrophiles: mild, general and selective. <i>Chemical Communications</i> , 2017, 53, 1192-1195.	4.1	29
25	Selective Oxytrifluoromethylation of Allylamines with CO ₂ . <i>Angewandte Chemie</i> , 2016, 128, 10176-10180.	2.0	18
26	Arylation of Aniline C(sp ³)-H Bonds with Phenols via an In Situ Activation Strategy. <i>Asian Journal of Organic Chemistry</i> , 2018, 7, 537-541.	2.7	17
27	Palladium-Catalyzed Radical-Type Transformations of Alkyl Halides. <i>Chinese Journal of Organic Chemistry</i> , 2017, 37, 1322.	1.3	17
28	Synthesis of tetronic acids from propargylic alcohols and CO ₂ . <i>Chemical Communications</i> , 2018, 54, 5610-5613.	4.1	14
29	Microwave-Assisted Synthesis of Benzothiazole Derivatives using Glycerol as Green Solvent. <i>Journal of Chemical Research</i> , 2012, 36, 489-491.	1.3	9
30	Arylation of Amide and Urea C(sp ³)-H Bonds with Aryl Tosylates Generated In Situ from Phenols. <i>Synlett</i> , 2017, 28, 2581-2586.	1.8	9
31	Efficient Solvent-Free Synthesis of Homoallylic Alcohols Mediated by Zinc-Copper Couple. <i>Synlett</i> , 2008, 2008, 137-141.	1.8	6
32	Recent Progress of Glycerol as Green Solvents in Organic Synthesis. <i>Chinese Journal of Organic Chemistry</i> , 2015, 35, 1238.	1.3	3
33	Preparation and Catalytic Properties of a Novel Bamboo Fiber Supported-Palladium Catalyst (Fiber-Pd). <i>Chinese Journal of Organic Chemistry</i> , 2016, 36, 1412.	1.3	0