Zhenggen Zha

List of Publications by Year
in descending order

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55	2,340	186265	214800
papers	citations	28 h-index	47 g-index

57	57	57	2022
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Selective Iodineâ€Catalyzed Intermolecular Oxidative Amination of C(sp³)ï£¿H Bonds with orthoâ€Carbonylâ€Substituted Anilines to Give Quinazolines. Angewandte Chemie - International Edition, 2012, 51, 8077-8081.	13.8	192
2	A novel approach for the one-pot preparation of Î±-ketoamides by anodic oxidation. Chemical Communications, 2013, 49, 8982.	4.1	127
3	Catalyst-free thiolation of indoles with sulfonyl hydrazides for the synthesis of 3-sulfenylindoles in water. Green Chemistry, 2016, 18, 2609-2613.	9.0	113
4	Highly active and selective synthesis of imines from alcohols and amines or nitroarenes catalyzed by Pd/DNA in water with dehydrogenation. Green Chemistry, 2012, 14, 3423.	9.0	97
5	Electrosynthesis of (E)-Vinyl Sulfones Directly from Cinnamic Acids and Sodium Sulfinates via Decarboxylative Sulfono Functionalization. Journal of Organic Chemistry, 2016, 81, 4876-4882.	3.2	95
6	Electrocatalytic Câ€“H/Nâ€“H Coupling of 2â€²-Aminoacetophenones for the Synthesis of Isatins. Journal of Organic Chemistry, 2017, 82, 6434-6440.	3.2	88
7	Copper-catalyzed S-methylation of sulfonyl hydrazides with TBHP for the synthesis of methyl sulfones in water. Green Chemistry, 2017, 19, 112-116.	9.0	83
8	Catalyst-free sulfonylation of activated alkenes for highly efficient synthesis of mono-substituted ethyl sulfones in water. Green Chemistry, 2014, 16, 4106.	9.0	79
9	Efficient electrosynthesis of phosphinic amides via oxidative cross-coupling between Nâ€“H/Pâ€“H. Green Chemistry, 2017, 19, 4769-4773.	9.0	79
10	Electrocatalytic Intermolecular C(sp³)â€“H/Nâ€“H Coupling of Methyl N-Heteroaromatics with Amines and Amino Acids: Access to Imidazo-Fused N-Heterocycles. Organic Letters, 2018, 20, 6359-6363.	4.6	73
11	Copper-Catalyzed Radical Methylation/Câ€“H Amination/Oxidation Cascade for the Synthesis of Quinazolinones. Journal of Organic Chemistry, 2015, 80, 4736-4742.	3.2	72
12	Electrosynthesis of enaminones directly from methyl ketones and amines with nitromethane as a carbon source. Chemical Communications, 2015, 51, 11108-11111.	4.1	67
13	Electrochemical Synthesis of the Aryl Î±â€Ketoesters from Acetophenones Mediated by KI. Chemistry - A European Journal, 2013, 19, 17711-17714.	3.3	66
14	A simple and efficient approach to realize difunctionalization of arylketones with malonate esters via electrochemical oxidation. Chemical Communications, 2014, 50, 5034-5036.	4.1	61
15	A Recyclable Electrochemical Allylation in Water. Organic Letters, 2005, 7, 1903-1905.	4.6	58
16	Copper-Catalyzed Enantioselective Friedelâ€“Crafts Alkylation of Pyrrole with Isatins. Organic Letters, 2014, 16, 3192-3195.	4.6	58
17	Electrocatalytic Three-Component Reaction: Synthesis of Cyanide-Functionalization Imidazo-Fused N-Heterocycles. Organic Letters, 2019, 21, 6403-6407.	4.6	57
18	Iodine-Mediated Electrochemical C(sp²)â€“H Amination: Switchable Synthesis of Indolines and Indoles. Organic Letters, 2020, 22, 5773-5777.	4.6	53

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19	Highly Enantioselective Construction of Fluoroalkylated Quaternary Stereocenters via Organocatalytic Dehydrated Mannich Reaction of Unprotected Hemiaminals with Ketones. Organic Letters, 2015, 17, 5036-5039.	4.6	50
20	Electrocatalytic Tandem Synthesis of 1,3-Disubstituted Imidazo[1,5-a]quinolines via Sequential Dual Oxidative C(sp3)â€“H Amination in Aqueous Medium. Journal of Organic Chemistry, 2019, 84, 3148-3157.	3.2	48
21	Electrochemical synthesis of Î±-enaminones from aryl ketones. Chemical Communications, 2016, 52, 8600-8603.	4.1	45
22	Supported gold-catalyzed and ammonia-promoted selective synthesis of quinazolines in aqueous media. Organic Chemistry Frontiers, 2015, 2, 114-118.	4.5	38
23	Ligand-Free Pd-Catalyzed Domino Synthesis of Carbazoles via Dehydrogenative Aromatization/C(sp²)â€“C(sp²) Coupling Sequence. Organic Letters, 2016, 18, 1278-1281.	4.6	37
24	Synthesis of Chromones through LiOtBu/Airâ€Mediated Oxidation and Regioselective Cyclization of oâ€Hydroxyphenyl Propargyl Carbinols. European Journal of Organic Chemistry, 2013, 2013, 2080-2083.	2.4	35
25	Recent Advances in Câ^'H Functionalization with Electrochemistry and Various Iodineâ€Containing Reagents. ChemElectroChem, 2020, 7, 2527-2544.	3.4	35
26	High regio- and stereoselective Barbier reaction of carbonyl compounds mediated by NaBF4/Zn (Sn) in waterElectronic supplementary information (ESI) available: spectral data of Barbier-type reaction products and quantum calculation results. See http://www.rsc.org/suppdata/nj/b3/b303187j/. New Journal of Chemistry, 2003, 27, 1297.	2.8	32
27	An efficient synthesis of amides from alcohols and azides catalyzed by a bifunctional catalyst Au/DNA under mild conditions. Green Chemistry, 2014, 16, 2443.	9.0	31
28	Copper-Catalyzed Enantioselective Henry Reaction of Î²,Î³-Unsaturated Î±-Ketoesters with Nitromethane in Water. Organic Letters, 2017, 19, 6416-6419.	4.6	28
29	Highly Diastereoâ€•and Enantioselective Michael Addition of Nitroalkanes to 2â€Enoylâ€Pyridine Nâ€Oxides Catalyzed by Scandium(III)/Copper(II) Complexes. Chemistry - A European Journal, 2015, 21, 12885-12888.	3.3	26
30	Efficient Barbier reaction of carbonyl compounds improved by a phase transfer catalyst in waterElectronic supplementary information (ESI) available: experimental procedure for allylation and spectral data for the allylation products. See http://www.rsc.org./suppdata/gc/b2/b206452a/. Green Chemistry, 2002, 4, 578-580.	9.0	24
31	Iodine-catalyzed diamination of styrene in water with the oxidation of H₂O₂. Green Chemistry, 2018, 20, 3927-3930.	9.0	24
32	Multifunctionalization of Unactivated Cyclic Ketones via an Electrochemical Process: Access to Cyclic Î±-Enaminones. Journal of Organic Chemistry, 2019, 84, 1647-1653.	3.2	24
33	Oneâ€Pot Synthesis of 3,4â€Disubstituted Coumarins under Catalysis of Mn₃O₄ Nanoparticles. European Journal of Organic Chemistry, 2012, 2012, 480-483.	2.4	23
34	The synthesis of benzimidazoles via a recycled palladium catalysed hydrogen transfer under mild conditions. Organic and Biomolecular Chemistry, 2018, 16, 2088-2096.	2.8	23
35	Heterogeneous Palladiumâ€Catalyzed Hydrogenâ€Transfer Cyclization of Nitroacetophenones with Benzylamines: Access to Câ^'N Bonds. ChemCatChem, 2016, 8, 3565-3569.	3.7	22
36	Copper-Catalyzed Enantioselective Hetero-Dielsâ€“Alder Reaction of Danishefskyâ€™s Diene with Glyoxals. Journal of Organic Chemistry, 2016, 81, 2993-2999.	3.2	19

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37	Selective electrochemical oxidation of aromatic hydrocarbons and preparation of mono/multi-carbonyl compounds. Science China Chemistry, 2021, 64, 2134-2141.	8.2	19
38	Copper Catalyzed Diastereo- and Enantioselective 1,4-Addition Michael Reaction of 2,3-Dioxopyrrolidines with Nitroalkanes in Aqueous Media. Organic Letters, 2020, 22, 2512-2516.	4.6	19
39	Lewis Acid-Catalyzed Enantioselective Friedelâ€“Crafts Alkylation of Pyrrole in Water. ACS Omega, 2020, 5, 11962-11970.	3.5	19
40	Asymmetric Formal Aza-Dielsâ€“Alder Reaction of Trifluoromethyl Hemiaminals with Enones Catalyzed by Primary Amines. Journal of Organic Chemistry, 2016, 81, 3177-3187.	3.2	18
41	Iodine-mediated electrochemical C(sp³)â€“H cyclization: the synthesis of quinazolinone-fused N-heterocycles. Chemical Communications, 2022, 58, 411-414.	4.1	16
42	Copper-Catalyzed Chemoselective and Enantioselective Friedelâ€“Crafts 1,2-Addition of Pyrrole with Î²,Î³-Unsaturated Î±-Ketoesters. Journal of Organic Chemistry, 2017, 82, 5102-5110.	3.2	15
43	Asymmetric synthesis of fluoroalkylated N,O-ketals via an organocatalytic dehydration/aminalization/aza-Michael desymmetrization. Organic Chemistry Frontiers, 2019, 6, 942-945.	4.5	15
44	Copper-catalyzed enantioselective Mukaiyama aldol reaction of silyl enol ethers with isatins. Chemical Communications, 2019, 55, 6309-6312.	4.1	14
45	Electrocatalytic Fixation of Carbon Dioxide with Amines and Arylketones. ChemElectroChem, 2019, 6, 4292-4296.	3.4	13
46	Stereoselective Copperâ€Catalyzed Direct Aldol Reaction of Î²,â€‰Î³â€Unsaturated Î±â€Ketoesters with Coumaranâ€3â€Ones. Chemistry - A European Journal, 2021, 27, 581-584.	3.3	11
47	<scp>l</scp>-Phenylalanine potassium catalyzed asymmetric formal [3 + 3] annulation of 2-enoyl-pyridine N-oxides with acetone. Organic Chemistry Frontiers, 2018, 5, 376-379.	4.5	9
48	Enantioselective Michael Addition of Pyrroles with Nitroalkenes in Aqueous Media Catalyzed by a Water-Soluble Catalyst. Journal of Organic Chemistry, 2018, 83, 7491-7499.	3.2	9
49	Electrosynthesis of Quinazolines and Quinazolinones via an Anodic Direct Oxidation C(sp³)-H Amination/C-N Cleavage of Tertiary Amine in Aqueous Medium. ACS Omega, 2020, 5, 31963-31973.	3.5	9
50	Construction of Chiral <scp>Allâ€Carbon</scp> Quaternary Stereocenters by Asymmetric Friedelâ^'Crafts Reaction of Isatin Derivatives. Chinese Journal of Chemistry, 2022, 40, 195-200.	4.9	9
51	Copper-Catalyzed Stereoselective [4 + 2] Cycloaddition of Î²,Î³-Unsaturated Î±-Keto Esters and 2-Vinylpyrroles in Water. Organic Letters, 2022, 24, 4224-4228.	4.6	9
52	Microwaveâ€Promoted, Solventâ€Free, Threeâ€Component Coupling of Aldehyde, Alkyne, and Amine Catalyzed by AgNO3. Synthetic Communications, 2007, 37, 849-858.	2.1	8
53	Copperâ€Catalyzed Enantioselective Mukaiyama Aldol Reaction of Silyl Enol Ethers with Isatinâ€Derived Oxindolyl Î²,Î³â€Unsaturated Î±â€Keto Esters. ChemistrySelect, 2021, 6, 410-414.	1.5	5
54	Zn-Catalyzed enantioselective allylation and allenylation of isatins by virtue of a proline-derived chiral ligand. Chemical Communications, 2022, 58, 2156-2159.	4.1	2

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55	Iodine-mediated oxythiolation of o-vinylanilides with disulfides for the synthesis of benzoxazines. RSC Advances, 2022, 12, 7347-7351.	3.6	2