Jian-Ping Zou

List of Publications by Year
in descending order

44	1,792	236925 25	265206 42
papers	citations	h-index	g-index

45	45	45	1572
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Recent advances in sulfur- and phosphorous-centered radical reactions for the formation of Sâ€“C and Pâ€“C bonds. Tetrahedron, 2015, 71, 7481-7529.	1.9	152
2	Manganese(iii)-mediated direct phosphonation of arylalkenes and arylalkynes. Chemical Communications, 2010, 46, 1721.	4.1	139
3	Manganese(III) Acetate Promoted Regioselective Phosphonation of Heteroaryl Compounds. Organic Letters, 2006, 8, 5291-5293.	4.6	129
4	Manganese(iii)-mediated direct Csp2â€“H radical trifluoromethylation of coumarins with sodium trifluoromethanesulfinate. Chemical Communications, 2014, 50, 3359.	4.1	100
5	Radical Reaction of [60]Fullerene with Phosphorus Compounds Mediated by Manganese(III) Acetate. Journal of Organic Chemistry, 2011, 76, 6088-6094.	3.2	79
6	Air Oxidative Radical Hydroxysulfurization of Styrenes Leading to Î²-Hydroxysulfides. Journal of Organic Chemistry, 2015, 80, 3682-3687.	3.2	72
7	Direct Radical Acetoxyphosphorylation of Styrenes Mediated by Manganese(III). Journal of Organic Chemistry, 2015, 80, 1214-1220.	3.2	72
8	Asymmetric Coupling of Carbonâ€Centered Radicals Adjacent to Nitrogen: Copperâ€Catalyzed Cyanation and Etherification of Enamides. Angewandte Chemie - International Edition, 2020, 59, 20439-20444.	13.8	68
9	Manganese(III)-Mediated Selective Diphenylphosphinoyl Radical Reaction of 1,4-Diaryl-1-butynes for the Synthesis of 2-Phosphinoylated 3,4-Dihydronaphathalenes. Journal of Organic Chemistry, 2014, 79, 1850-1855.	3.2	64
10	Proton-Coupled Electron Transfer Enables Tandem Radical Relay for Asymmetric Copper-Catalyzed Phosphinoylcyanation of Styrenes. Organic Letters, 2019, 21, 5015-5020.	4.6	64
11	Phosphinoyl Radical Initiated Vicinal Cyanophosphinoylation of Alkenes. Organic Letters, 2017, 19, 5537-5540.	4.6	62
12	Copper-Catalyzed TBHP-Mediated Radical Cross-Coupling Reaction of Sulfonylhydrazides with Thiols Leading to Thiosulfonates. Journal of Organic Chemistry, 2017, 82, 9801-9807.	3.2	60
13	Solvent-controlled direct radical oxyphosphorylation of styrenes mediated by Manganese(III). Tetrahedron, 2016, 72, 2972-2978.	1.9	57
14	Silverâ€Catalyzed Direct C${{_{sp{^{2}}}}}$ï£¿H Phosphorylation of Indoles Leading to Phosphoindoles. Advanced Synthesis and Catalysis, 2016, 358, 1753-1758.	4.3	56
15	Copper-Catalyzed Coupling Reaction of Arylhydrazines and Trialkylphosphites. Journal of Organic Chemistry, 2014, 79, 1449-1453.	3.2	50
16	Visible Light-Mediated Photocatalytic Metal-Free Cross-Coupling Reaction of Alkenyl Carboxylic Acids with Diarylphosphine Oxides Leading to Î²-Ketophosphine Oxides. Organic Letters, 2018, 20, 5947-5951.	4.6	50
17	Phosphinoyl Radical-Initiated Î±,Î²-Aminophosphinoylation of Alkenes. Organic Letters, 2017, 19, 4704-4706.	4.6	46
18	A novel heterometalâ€“organic coordination polymer with chelidamic acid: nonlinear optical and magnetic properties,. CrystEngComm, 2009, 11, 972.	2.6	37

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19	Metal-free radical Câ€“H methylation of pyrimidinones and pyridinones with dicumyl peroxide. Green Chemistry, 2017, 19, 919-923.	9.0	35
20	NaNO₂/K₂S₂O₈â€mediated Selective Radical Nitration/Nitrosation of Indoles: Efficient Approach to 3â€Nitroâ€and 3â€Nitrosoindoles. Advanced Synthesis and Catalysis, 2019, 361, 2255-2261.	4.3	33
21	Phosphinoyl Radical-Initiated 1,2-Bifunctional Thiocyanodiphenylphosphinoylation of Alkenes. Journal of Organic Chemistry, 2018, 83, 2418-2424.	3.2	32
22	Copper-catalyzed TEMPO oxidative cleavage of 1,3-diketones and Î²-keto esters for the synthesis of 1,2-diketones and Î±-keto esters. Organic and Biomolecular Chemistry, 2017, 15, 2629-2637.	2.8	31
23	Manganese(<scp>iii</scp>)-mediated selective phosphorylation of enamides: direct synthesis of Î²-phosphoryl enamides. Organic Chemistry Frontiers, 2019, 6, 236-240.	4.5	30
24	Mn(OAc)3-Mediated Selective Free Radical Phosphonylation of Pyridinones and Pyrimidinones. Synthesis, 2013, 45, 1529-1533.	2.3	29
25	Two novel halogeno(cyano)argentates built by silver halide clusters: molecular structures and luminescent properties. CrystEngComm, 2011, 13, 5724.	2.6	25
26	Synthesis, Crystal and Band Structures, and Properties of a New Mixed Three-Dimensional Framework Metal Pnictidehalide Semiconductor, (Hg6Sb4)(CdI6). Inorganic Chemistry, 2007, 46, 7321-7325.	4.0	19
27	Synthesis, Crystal and Band Structures, and Optical Properties of a New Quaternary Metal Pnictidehalide:Â (Hg2Cd2As2Br)Br. Inorganic Chemistry, 2006, 45, 6365-6369.	4.0	16
28	The Synthesis, Crystal and Band Structures, and Properties of the Quaternary Supramolecular Complexes [Hg6Z4](MX6)Hgy (Z = As, Sb; M = Hg, Cd; X = Cl, Br, I;y = 0, 0.5, 0.6). European Journal of Inorganic Chemistry, 2007, 2007, 977-984.	2.0	16
29	Copper-Catalyzed Oxidative sp³-Carbon Radical Cross-Coupling with Trialkylphosphites Leading to Î±-Phosphonyl 1,3-Dicarbonyl Compounds. Journal of Organic Chemistry, 2019, 84, 2351-2357.	3.2	16
30	Air Oxidative Radical Oxysulfurization of Alkynes Leading to Î±-Thioaldehydes. Journal of Organic Chemistry, 2015, 80, 5348-5354.	3.2	13
31	Direct regioselective Csp2â€“H trifluoromethylation of pyrimidinones and pyridinones. Tetrahedron, 2016, 72, 3250-3255.	1.9	13
32	Copper-Catalyzed Coupling of Amines with Carbazates: An Approach to Carbamates. Journal of Organic Chemistry, 2021, 86, 9067-9075.	3.2	13
33	Synthesis, Band and Crystal Structures, and Optical Properties of the Ternary Compound Mg₂Te₃O₈. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2013, 639, 31-34.	1.2	12
34	CoPc/Cu(OAc)2-catalyzed N-arylation of amines with arylhydrazines leading to N-aryl amines. Tetrahedron, 2016, 72, 6477-6483.	1.9	12
35	Phosphinoyl radical-initiated vicinal hydroxy-phosphorylation of alkenes. Tetrahedron, 2019, 75, 130683.	1.9	12
36	Synthesis, crystal and band structures, and optical properties of a new mixed-framework mercury selenide diselenite, (Hg3Se2)(Se2O5). Dalton Transactions, 2007, , 4854.	3.3	9

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37	Copperâ€Catalyzed sp³â€Carbon Radical/Halogen Radical Cross Coupling: Selective Halogenation of 1,3â€Dicarbonyl Compounds. ChemistrySelect, 2020, 5, 5670-5674.	1.5	8
38	Copper-Catalyzed Vicinal Cyano-, Thiocyano-, and Chlorophosphorylation of Alkynes: A Phosphinoyl Radical-Initiated Approach for Difunctionalized Alkenes. Organic Letters, 2021, 23, 4342-4347.	4.6	8
39	Copper-catalyzed,N-auxiliary group-controlled switchable transannulation/nitration initiated by nitro radicals: selective synthesis of pyridoquinazolones and 3-nitroindoles. Organic Chemistry Frontiers, 2021, 8, 5821-5830.	4.5	7
40	Iron-catalyzed oxidative amidation of acylhydrazines with amines. Tetrahedron Letters, 2021, 80, 153316.	1.4	7
41	Copper-catalyzed sp3-carbon radical/carbamoyl radical cross coupling: A direct strategy for carbamoylation of 1,3-dicarbonyl compounds. Tetrahedron, 2020, 76, 131342.	1.9	6
42	Mn(III)-mediated phosphinoylation of aldehyde hydrazones: Direct â€œone-potâ€•synthesis of Î±-iminophosphine oxides from aldehydes. Tetrahedron, 2021, 85, 132053.	1.9	6
43	Insights into the Mechanisms and Chemoselectivities of Carbamates and Amides in Reactions Involving Rh(II)-Azavinylcarbene: A Computational Study. Journal of Organic Chemistry, 2019, 84, 8151-8159.	3.2	5
44	Silver-catalyzed radical ring-opening of cycloalkanols for the synthesis of distal acylphosphine oxides. Organic Chemistry Frontiers, 2022, 9, 4334-4340.	4.5	3