

Jian-Ping Zou

List of Publications by Year in descending order

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44
papers

1,792
citations

236925

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265206

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docs citations

45
times ranked

1572
citing authors

#	ARTICLE	IF	CITATIONS
1	Silver-catalyzed radical ring-opening of cycloalkanols for the synthesis of distal acylphosphine oxides. <i>Organic Chemistry Frontiers</i> , 2022, 9, 4334-4340.	4.5	3
2	Copper-catalyzed, <i>N</i> -auxiliary group-controlled switchable transannulation/nitration initiated by nitro radicals: selective synthesis of pyridoquinazolones and 3-nitroindoles. <i>Organic Chemistry Frontiers</i> , 2021, 8, 5821-5830.	4.5	7
3	Mn(III)-mediated phosphinoylation of aldehyde hydrazones: Direct α -synthesis of β -iminophosphine oxides from aldehydes. <i>Tetrahedron</i> , 2021, 85, 132053.	1.9	6
4	Copper-Catalyzed Vicinal Cyano-, Thiocyno-, and Chlorophosphorylation of Alkynes: A Phosphinoyl Radical-Initiated Approach for Difunctionalized Alkenes. <i>Organic Letters</i> , 2021, 23, 4342-4347.	4.6	8
5	Copper-Catalyzed Coupling of Amines with Carbazates: An Approach to Carbamates. <i>Journal of Organic Chemistry</i> , 2021, 86, 9067-9075.	3.2	13
6	Iron-catalyzed oxidative amidation of acylhydrazines with amines. <i>Tetrahedron Letters</i> , 2021, 80, 153316.	1.4	7
7	Asymmetric Coupling of Carbon-Centered Radicals Adjacent to Nitrogen: Copper-Catalyzed Cyanation and Etherification of Enamides. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 20439-20444.	13.8	68
8	Copper-Catalyzed α -Carbon Radical/Halogen Radical Cross Coupling: Selective Halogenation of 1,3-Dicarbonyl Compounds. <i>ChemistrySelect</i> , 2020, 5, 5670-5674.	1.5	8
9	Copper-catalyzed α -carbon radical/carbamoyl radical cross coupling: A direct strategy for carbamoylation of 1,3-dicarbonyl compounds. <i>Tetrahedron</i> , 2020, 76, 131342.	1.9	6
10	Phosphinoyl radical-initiated vicinal hydroxy-phosphorylation of alkenes. <i>Tetrahedron</i> , 2019, 75, 130683.	1.9	12
11	Copper-Catalyzed Oxidative α -Carbon Radical Cross-Coupling with Trialkylphosphites Leading to β -Phosphonyl 1,3-Dicarbonyl Compounds. <i>Journal of Organic Chemistry</i> , 2019, 84, 2351-2357.	3.2	16
12	Insights into the Mechanisms and Chemoselectivities of Carbamates and Amides in Reactions Involving Rh(II)-Azavinylcarbene: A Computational Study. <i>Journal of Organic Chemistry</i> , 2019, 84, 8151-8159.	3.2	5
13	Proton-Coupled Electron Transfer Enables Tandem Radical Relay for Asymmetric Copper-Catalyzed Phosphinoylcyanation of Styrenes. <i>Organic Letters</i> , 2019, 21, 5015-5020.	4.6	64
14	$\text{NaNO}_2/\text{K}_2\text{S}_2\text{O}_8$ -mediated Selective Radical Nitration/Nitrosation of Indoles: Efficient Approach to 3-Nitro- and 3-Nitrosoindoles. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 2255-2261.	4.3	33
15	Manganese(III)-mediated selective phosphorylation of enamides: direct synthesis of β -phosphoryl enamides. <i>Organic Chemistry Frontiers</i> , 2019, 6, 236-240.	4.5	30
16	Phosphinoyl Radical-Initiated 1,2-Bifunctional Thiocyanodiphenylphosphinoylation of Alkenes. <i>Journal of Organic Chemistry</i> , 2018, 83, 2418-2424.	3.2	32
17	Visible Light-Mediated Photocatalytic Metal-Free Cross-Coupling Reaction of Alkenyl Carboxylic Acids with Diarylphosphine Oxides Leading to β -Ketophosphine Oxides. <i>Organic Letters</i> , 2018, 20, 5947-5951.	4.6	50
18	Copper-catalyzed TEMPO oxidative cleavage of 1,3-diketones and β -keto esters for the synthesis of 1,2-diketones and β -keto esters. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 2629-2637.	2.8	31

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19	Metal-free radical C-H methylation of pyrimidinones and pyridinones with dicumyl peroxide. <i>Green Chemistry</i> , 2017, 19, 919-923.	9.0	35
20	Phosphinoyl Radical Initiated Vicinal Cyanophosphinoylation of Alkenes. <i>Organic Letters</i> , 2017, 19, 5537-5540.	4.6	62
21	Phosphinoyl Radical-Initiated α,β -Aminophosphinoylation of Alkenes. <i>Organic Letters</i> , 2017, 19, 4704-4706.	4.6	46
22	Copper-Catalyzed TBHP-Mediated Radical Cross-Coupling Reaction of Sulfonylhydrazides with Thiols Leading to Thiosulfonates. <i>Journal of Organic Chemistry</i> , 2017, 82, 9801-9807.	3.2	60
23	Solvent-controlled direct radical oxyphosphorylation of styrenes mediated by Manganese(III). <i>Tetrahedron</i> , 2016, 72, 2972-2978.	1.9	57
24	Direct regioselective Csp ² -H trifluoromethylation of pyrimidinones and pyridinones. <i>Tetrahedron</i> , 2016, 72, 3250-3255.	1.9	13
25	CoPc/Cu(OAc) ₂ -catalyzed N-arylation of amines with arylhydrazines leading to N-aryl amines. <i>Tetrahedron</i> , 2016, 72, 6477-6483.	1.9	12
26	Silver-Catalyzed Direct C ₃ -H Phosphorylation of Indoles Leading to Phosphoindoles. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 1753-1758.	4.3	56
27	Air Oxidative Radical Hydroxysulfurization of Styrenes Leading to β -Hydroxysulfides. <i>Journal of Organic Chemistry</i> , 2015, 80, 3682-3687.	3.2	72
28	Recent advances in sulfur- and phosphorous-centered radical reactions for the formation of C-C and P-C bonds. <i>Tetrahedron</i> , 2015, 71, 7481-7529.	1.9	152
29	Air Oxidative Radical Oxysulfurization of Alkynes Leading to α -Thioaldehydes. <i>Journal of Organic Chemistry</i> , 2015, 80, 5348-5354.	3.2	13
30	Direct Radical Acetoxyposphorylation of Styrenes Mediated by Manganese(III). <i>Journal of Organic Chemistry</i> , 2015, 80, 1214-1220.	3.2	72
31	Copper-Catalyzed Coupling Reaction of Arylhydrazines and Trialkylphosphites. <i>Journal of Organic Chemistry</i> , 2014, 79, 1449-1453.	3.2	50
32	Manganese(III)-mediated direct Csp ² -H radical trifluoromethylation of coumarins with sodium trifluoromethanesulfinate. <i>Chemical Communications</i> , 2014, 50, 3359.	4.1	100
33	Manganese(III)-Mediated Selective Diphenylphosphinoyl Radical Reaction of 1,4-Diaryl-1-butyne for the Synthesis of 2-Phosphinoylated 3,4-Dihydronaphthalenes. <i>Journal of Organic Chemistry</i> , 2014, 79, 1850-1855.	3.2	64
34	Mn(OAc) ₃ -Mediated Selective Free Radical Phosphonylation of Pyridinones and Pyrimidinones. <i>Synthesis</i> , 2013, 45, 1529-1533.	2.3	29
35	Synthesis, Band and Crystal Structures, and Optical Properties of the Ternary Compound Mg ₂ Te ₃ O ₈ . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2013, 639, 31-34.	1.2	12
36	Two novel halogeno(cyano)argentates built by silver halide clusters: molecular structures and luminescent properties. <i>CrystEngComm</i> , 2011, 13, 5724.	2.6	25

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37	Radical Reaction of [60]Fullerene with Phosphorus Compounds Mediated by Manganese(III) Acetate. <i>Journal of Organic Chemistry</i> , 2011, 76, 6088-6094.	3.2	79
38	Manganese(III)-mediated direct phosphonation of arylalkenes and arylalkynes. <i>Chemical Communications</i> , 2010, 46, 1721.	4.1	139
39	A novel heterometal-organic coordination polymer with chelidamic acid: nonlinear optical and magnetic properties. <i>CrystEngComm</i> , 2009, 11, 972.	2.6	37
40	Synthesis, crystal and band structures, and optical properties of a new mixed-framework mercury selenide diselenite, (Hg ₃ Se ₂)(Se ₂ O ₅). <i>Dalton Transactions</i> , 2007, , 4854.	3.3	9
41	Synthesis, Crystal and Band Structures, and Properties of a New Mixed Three-Dimensional Framework Metal Pnictidehalide Semiconductor, (Hg ₆ Sb ₄)(CdI ₆). <i>Inorganic Chemistry</i> , 2007, 46, 7321-7325.	4.0	19
42	The Synthesis, Crystal and Band Structures, and Properties of the Quaternary Supramolecular Complexes [Hg ₆ Z ₄](MX ₆)H _g y (Z = As, Sb; M = Hg, Cd; X = Cl, Br, I; y = 0, 0.5, 0.6). <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 977-984.	2.0	16
43	Synthesis, Crystal and Band Structures, and Optical Properties of a New Quaternary Metal Pnictidehalide: (Hg ₂ Cd ₂ As ₂ Br)Br. <i>Inorganic Chemistry</i> , 2006, 45, 6365-6369.	4.0	16
44	Manganese(III) Acetate Promoted Regioselective Phosphonation of Heteroaryl Compounds. <i>Organic Letters</i> , 2006, 8, 5291-5293.	4.6	129