Jie Zhu

List of Publications by Year
in descending order

24	852	759233 12	610901 24
papers	citations	h-index	g-index

24	24	24	922
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Photoredox Catalysis in Câ€“S Bond Construction: Recent Progress in Photoâ€Catalyzed Formation of Sulfones and Sulfoxides. Advanced Synthesis and Catalysis, 2018, 360, 386-400.	4.3	198
2	Cross-Coupling Hydrogen Evolution by Visible Light Photocatalysis Toward C(sp²)â€“P Formation: Metal-Free Câ€“H Functionalization of Thiazole Derivatives with Diarylphosphine Oxides. Organic Letters, 2016, 18, 452-455.	4.6	140
3	Cascade C(sp³)â€“S Bond Cleavage and Imidoyl Câ€“S Formation: Radical Cyclization of 2-Isocyanoaryl Thioethers toward 2-Substituted Benzothiazoles. Organic Letters, 2018, 20, 3144-3147.	4.6	94
4	Study of the Properties of CuO/VO_x/Ti_{0.5}Sn_{0.5}O₂ Catalysts and Their Activities in NO + CO Reaction. ACS Catalysis, 2011, 1, 468-480.	11.2	91
5	Palladium-Catalyzed Coupling of Allenylphosphine Oxides with N-Tosylhydrazones toward Phosphinyl [3]Dendralenes. ACS Catalysis, 2017, 7, 181-185.	11.2	57
6	Efficient Hydrogenation of Nitrogen Heterocycles Catalyzed by Carbonâ€Metal Covalent Bondsâ€Stabilized Palladium Nanoparticles: Synergistic Effects of Particle Size and Water. Advanced Synthesis and Catalysis, 2016, 358, 3039-3045.	4.3	51
7	Palladium-Catalyzed Cleavage of Î±-Allenylic Aryl Ether toward Pyrazolemethylene-Substituted Phosphinyl Allenes and Their Transformations via Alkenyl Câ€“P(O) Cleavage. Organic Letters, 2017, 19, 1946-1949.	4.6	35
8	Visible-Light-Driven Î±-Allenylic Câ€“O Bond Cleavage and Alkenyl Câ€“S Formation: Metal-Free and Oxidant-Free Thiolation of Allenyl Phosphine Oxides. Organic Letters, 2017, 19, 6308-6311.	4.6	34
9	Palladium Nanoparticles Stabilized by Metalâ€“Carbon Covalent Bonds as an Expeditious Catalyst for the Oxidative Dehydrogenation of Nitrogen Heterocycles. ChemCatChem, 2017, 9, 2463-2466.	3.7	29
10	Modular metalâ€“carbon stabilized palladium nanoparticles for the catalytic hydrogenation of N-heterocycles. Tetrahedron Letters, 2016, 57, 329-332.	1.4	18
11	Visible-Light-Induced 1,4-Hydroxysulfonylation of Vinyl Enynes with Sulfonyl Chlorides: The Bridge of Chloride Linking Water and Enynes. Organic Letters, 2021, 23, 3530-3535.	4.6	15
12	Enantioselective Dihydroxylation of Alkenes Catalyzed by 1,4â€Bis(9â€Oâ€dihydroquinidinyl)phthalazineâ€Modified Binaphthylâ€“Osmium Nanoparticles. ChemCatChem, 2018, 10, 1788-1792.	3.7	12
13	Transition-metal-free radical cleavage of a hydrazonyl Nâ€“S bond: tosyl radical-initiated cascade C(sp³)â€“OAr cleavage, sulfonyl rearrangement and atropisomeric cyclopropanation. Organic Chemistry Frontiers, 2018, 5, 3567-3573.	4.5	12
14	I 2 /TBHP Mediated Divergent C(sp 2)â€P Cleavage of Allenylphosphine Oxides: Substituentâ€Controlled Regioselectivity. Advanced Synthesis and Catalysis, 2019, 361, 3532-3537.	4.3	11
15	Visibleâ€Lightâ€Promoted Regioâ€and Stereoselective Oxyalkenylâ€ation of Phosphinyl Allenes. Advanced Synthesis and Catalysis, 2020, 362, 2701-2708.	4.3	10
16	Allenylphosphine Oxides as Starting Materials for the Synthesis of Conjugated Enynes: Boosting the Catalytic Performance by MOF Encapsulated Palladium Nanoparticles. Advanced Synthesis and Catalysis, 2018, 360, 3518-3525.	4.3	9
17	MOF derived Bi2MoO6/TiO2 nanohybrids: enhanced photocatalytic activity for Rhodamine B degradation under sunlike irradiation. Research on Chemical Intermediates, 2018, 44, 6431-6444.	2.7	9
18	CoPd Nanoalloys with Metalâ€“Organic Framework as Template for Both Nâ€Doped Carbon and Cobalt Precursor: Efficient and Robust Catalysts for Hydrogenation Reactions. Chemistry - A European Journal, 2021, 27, 2707-2716.	3.3	8

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19	A Comparative Study of the Ionization Modes in GCâ€“MS Multi-residue Method for the Determination of Organochlorine Pesticides and Polychlorinated Biphenyls in Crayfish. Food Analytical Methods, 2013, 6, 445-456.	2.6	6
20	Organobase catalyzed straightforward synthesis of phosphinyl functionalized 2H-pyran cores from allenylphosphine oxides and 1,3-diones. Organic and Biomolecular Chemistry, 2018, 16, 6675-6679.	2.8	4
21	Recent Progress in the Synthesis of Dendralenes: A Decade Update. Chinese Journal of Organic Chemistry, 2021, 41, 1081.	1.3	3
22	Radical modulated regioselective difunctionalization of vinyl enynes: tunable access to naphthalen-1(2H)-ones and allenic alcohols. Chemical Communications, 2022, 58, 3031-3034.	4.1	3
23	Front Cover Picture: Photoredox Catalysis in Câ€“S Bond Construction: Recent Progress in Photoâ€Catalyzed Formation of Sulfones and Sulfoxides (Adv. Synth. Catal. 3/2018). Advanced Synthesis and Catalysis, 2018, 360, 385-385.	4.3	2
24	Polynitro-acetone, dimethyl ether, and dimethylamine: a series of potential green and powerful oxidants for propellants. Journal of Molecular Modeling, 2020, 26, 347.	1.8	1