

# Jie Zhu

## List of Publications by Year in descending order

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24  
papers

852  
citations

759233

12  
h-index

610901

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24  
docs citations

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times ranked

922  
citing authors

#	ARTICLE	IF	CITATIONS
1	Radical modulated regioselective difunctionalization of vinyl enynes: tunable access to naphthalen-1(2 <i>H</i> )-ones and allenic alcohols. <i>Chemical Communications</i> , 2022, 58, 3031-3034.	4.1	3
2	CoPd Nanoalloys with Metal-Organic Framework as Template for Both N-Doped Carbon and Cobalt Precursor: Efficient and Robust Catalysts for Hydrogenation Reactions. <i>Chemistry - A European Journal</i> , 2021, 27, 2707-2716.	3.3	8
3	Visible-Light-Induced 1,4-Hydroxysulfonylation of Vinyl Enynes with Sulfonyl Chlorides: The Bridge of Chloride Linking Water and Enynes. <i>Organic Letters</i> , 2021, 23, 3530-3535.	4.6	15
4	Recent Progress in the Synthesis of Dendralenes: A Decade Update. <i>Chinese Journal of Organic Chemistry</i> , 2021, 41, 1081.	1.3	3
5	Polynitro-acetone, dimethyl ether, and dimethylamine: a series of potential green and powerful oxidants for propellants. <i>Journal of Molecular Modeling</i> , 2020, 26, 347.	1.8	1
6	Visible-Light-Promoted Regio- and Stereoselective Oxyalkenylation of Phosphinyl Allenes. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 2701-2708.	4.3	10
7	I <sub>2</sub> /TBHP Mediated Divergent C(sp <sup>2</sup> )-C Cleavage of Allenylphosphine Oxides: Substituent-Controlled Regioselectivity. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 3532-3537.	4.3	11
8	Photoredox Catalysis in C-S Bond Construction: Recent Progress in Photo-Catalyzed Formation of Sulfones and Sulfoxides. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 386-400.	4.3	198
9	Enantioselective Dihydroxylation of Alkenes Catalyzed by 1,4-Bis(9-oxo-9H-fluoren-2-ylidene)phthalazine-Modified Binaphthyl-Osmium Nanoparticles. <i>ChemCatChem</i> , 2018, 10, 1788-1792.	3.7	12
10	Front Cover Picture: Photoredox Catalysis in C-S Bond Construction: Recent Progress in Photo-Catalyzed Formation of Sulfones and Sulfoxides (Adv. Synth. Catal. 3/2018). <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 385-385.	4.3	2
11	Transition-metal-free radical cleavage of a hydrazonyl N-S bond: tosyl radical-initiated cascade C(sp <sup>3</sup> )-OAr cleavage, sulfonyl rearrangement and atropisomeric cyclopropanation. <i>Organic Chemistry Frontiers</i> , 2018, 5, 3567-3573.	4.5	12
12	Allenylphosphine Oxides as Starting Materials for the Synthesis of Conjugated Enynes: Boosting the Catalytic Performance by MOF Encapsulated Palladium Nanoparticles. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 3518-3525.	4.3	9
13	Cascade C(sp <sup>3</sup> )-S Bond Cleavage and Imidoyl C-S Formation: Radical Cyclization of 2-Isocyanoaryl Thioethers toward 2-Substituted Benzothiazoles. <i>Organic Letters</i> , 2018, 20, 3144-3147.	4.6	94
14	Organobase catalyzed straightforward synthesis of phosphinyl functionalized 2 <i>H</i> -pyran cores from allenylphosphine oxides and 1,3-diones. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 6675-6679.	2.8	4
15	MOF derived Bi <sub>2</sub> MoO <sub>6</sub> /TiO <sub>2</sub> nanohybrids: enhanced photocatalytic activity for Rhodamine B degradation under sunlike irradiation. <i>Research on Chemical Intermediates</i> , 2018, 44, 6431-6444.	2.7	9
16	Palladium-Catalyzed Coupling of Allenylphosphine Oxides with <i>N</i> -Tosylhydrazones toward Phosphinyl [3]Dendralenes. <i>ACS Catalysis</i> , 2017, 7, 181-185.	11.2	57
17	Palladium-Catalyzed Cleavage of $\beta$ -Allenyl Aryl Ether toward Pyrazolemethylene-Substituted Phosphinyl Allenes and Their Transformations via Alkenyl C-P(O) Cleavage. <i>Organic Letters</i> , 2017, 19, 1946-1949.	4.6	35
18	Palladium Nanoparticles Stabilized by Metal-Carbon Covalent Bonds as an Expedient Catalyst for the Oxidative Dehydrogenation of Nitrogen Heterocycles. <i>ChemCatChem</i> , 2017, 9, 2463-2466.	3.7	29

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19	Visible-Light-Driven $\pi$ -Allylic C=O Bond Cleavage and Alkenyl S Formation: Metal-Free and Oxidant-Free Thiolation of Allenyl Phosphine Oxides. <i>Organic Letters</i> , 2017, 19, 6308-6311.	4.6	34
20	Efficient Hydrogenation of Nitrogen Heterocycles Catalyzed by Carbon-Metal Covalent Bonds-Stabilized Palladium Nanoparticles: Synergistic Effects of Particle Size and Water. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 3039-3045.	4.3	51
21	Cross-Coupling Hydrogen Evolution by Visible Light Photocatalysis Toward C(sp <sup>2</sup> )-P Formation: Metal-Free C-H Functionalization of Thiazole Derivatives with Diarylphosphine Oxides. <i>Organic Letters</i> , 2016, 18, 452-455.	4.6	140
22	Modular metal-carbon stabilized palladium nanoparticles for the catalytic hydrogenation of N-heterocycles. <i>Tetrahedron Letters</i> , 2016, 57, 329-332.	1.4	18
23	A Comparative Study of the Ionization Modes in GC-MS Multi-residue Method for the Determination of Organochlorine Pesticides and Polychlorinated Biphenyls in Crayfish. <i>Food Analytical Methods</i> , 2013, 6, 445-456.	2.6	6
24	Study of the Properties of CuO/VO <sub>x</sub> /Ti <sub>0.5</sub> Sn <sub>0.5</sub> O <sub>2</sub> Catalysts and Their Activities in NO + CO Reaction. <i>ACS Catalysis</i> , 2011, 1, 468-480.	11.2	91