

Huang Qiu

List of Publications by Year in descending order

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21
papers

990
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623734

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25
times ranked

802
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly enantioselective trapping of zwitterionic intermediates by imines. <i>Nature Chemistry</i> , 2012, 4, 733-738.	13.6	274
2	Enantioselective Palladium(II) Phosphate Catalyzed Three-Component Reactions of Pyrrole, Diazoesters, and Imines. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 13356-13360.	13.8	152
3	Radical-Mediated Strategies for the Functionalization of Alkenes with Diazo Compounds. <i>Journal of the American Chemical Society</i> , 2020, 142, 13846-13855.	13.7	88
4	Chiral Dirhodium(II) Catalysts for Selective Metal Carbene Reactions. <i>Current Organic Chemistry</i> , 2015, 20, 61-81.	1.6	57
5	Highly Efficient Synthesis of Mixed 3,3-Bisindoles via Rh(II)-Catalyzed Three-Component Reaction of 3-Diazooxindoles with Indoles and Ethyl Glyoxylate. <i>Organic Letters</i> , 2013, 15, 3578-3581.	4.6	53
6	Diazo Esters as Dienophiles in Intramolecular (4 + 2) Cycloadditions: Computational Explorations of Mechanism. <i>Journal of the American Chemical Society</i> , 2017, 139, 2766-2770.	13.7	46
7	Asymmetric Multicomponent Reactions for Efficient Construction of Homopropargyl Amine Carboxylic Esters. <i>Organic Letters</i> , 2019, 21, 5737-5741.	4.6	35
8	Radical Cascade Multicomponent Minisci Reactions with Diazo Compounds. <i>ACS Catalysis</i> , 2022, 12, 1357-1363.	11.2	34
9	Unprecedented Intramolecular [4 + 2]-Cycloaddition between a 1,3-Diene and a Diazo Ester. <i>Journal of the American Chemical Society</i> , 2016, 138, 1808-1811.	13.7	30
10	Functionalization of DNA-Tagged Alkenes with Diazo Compounds via Photocatalysis. <i>Organic Letters</i> , 2022, 24, 2208-2213.	4.6	28
11	Efficient synthesis of chiral cyclic acetals by metal and Brønsted acid co-catalyzed enantioselective four-component cascade reactions. <i>Chemical Communications</i> , 2014, 50, 2196-2198.	4.1	27
12	Preparation of TiO ₂ nanofilm via sol-gel process and its photocatalytic activity for degradation of methyl orange. <i>Ceramics International</i> , 2009, 35, 3275-3280.	4.8	25
13	Diverse Pathways in Catalytic Reactions of Propargyl Aryldiazoacetates: Selectivity between Three Reaction Sites. <i>Journal of Organic Chemistry</i> , 2017, 82, 1584-1590.	3.2	18
14	Catalyst-Free Rearrangement of Allenyl Aryldiazoacetates into 1,5-Dihydro-4H-pyrazol-4-ones. <i>Journal of Organic Chemistry</i> , 2016, 81, 9235-9246.	3.2	12
15	Photoredox-Catalyzed Carbonyl Alkylative Amination with Diazo Compounds: A Three-Component Reaction for the Construction of β-Amino Acid Derivatives. <i>Organic Letters</i> , 2022, 24, 4908-4913.	4.6	12
16	A gold-catalysed three-component reaction via trapping oxonium ylides with allenamides. <i>Chemical Communications</i> , 2019, 55, 12675-12678.	4.1	11
17	A gold-catalysed chemoselective three-component reaction between phenols, β-diazocarbonyl compounds and allenamides. <i>Chemical Communications</i> , 2020, 56, 1649-1652.	4.1	10
18	A rhodium-catalysed three-component reaction to access C1-substituted tetrahydroisoquinolines. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 9844-9848.	2.8	8

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19	Intramolecular cycloaddition/rearrangement cascade from gold(III)-catalysed reactions of propargyl aryldiazoesters with cinnamyl imines. <i>Chemical Communications</i> , 2018, 54, 12828-12831.	4.1	7
20	Efficient and Facile Synthesis of Chiral Sulfonamides via Asymmetric Multicomponent Reactions. <i>Acta Chimica Sinica</i> , 2018, 76, 895.	1.4	6
21	Trapping of Oxonium Ylides with Michael Acceptors: Highly Diastereoselective Three-Component Reactions of Diazo Compounds with Alcohols and Benzylidene Meldrumic Acids/4-Oxo-enoates. <i>Synlett</i> , 2011, 2011, 1717-1722.	1.8	5