

Hong Hou

List of Publications by Year in descending order

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24
papers

865
citations

471509

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821
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#	ARTICLE	IF	CITATIONS
1	Diastereoselective Synthesis of <i>trans</i> -2,3-Dihydrofurans with Pyridinium Ylide Assisted Tandem Reaction. <i>Journal of Organic Chemistry</i> , 2009, 74, 7403-7406.	3.2	142
2	Heterogeneous Visible-Light Photoredox Catalysis with Graphitic Carbon Nitride for α -Aminoalkyl Radical Additions, Allylations, and Heteroarylations. <i>ACS Catalysis</i> , 2018, 8, 9471-9476.	11.2	112
3	Decarboxylative Aminomethylation of Aryl- and Vinylsulfonates through Combined Nickel- and Photoredox-Catalyzed Cross-Coupling. <i>Chemistry - A European Journal</i> , 2016, 22, 16437-16440.	3.3	82
4	Visible-Light Photoredox-Catalyzed Synthesis of Nitrones: Unexpected Rate Acceleration by Water in the Synthesis of Isoxazolidines. <i>Organic Letters</i> , 2014, 16, 2872-2875.	4.6	61
5	Synthesis of Zwitterionic Salts of Pyridinium-Meldrum Acid and Barbiturate through Unique Four-component Reactions. <i>ACS Combinatorial Science</i> , 2010, 12, 260-265.	3.3	47
6	Synthesis of visible-light mediated tryptanthrin derivatives from isatin and isatoic anhydride under transition metal-free conditions. <i>Organic Chemistry Frontiers</i> , 2018, 5, 51-54.	4.5	44
7	Visible-Light-Mediated Chlorosulfonylative Cyclizations of 1,6-Enynes. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 4325-4329.	4.3	37
8	Visible-Light Mediated Hydrosilylative and Hydrophosphorylative Cyclizations of Enynes and Dienes. <i>Organic Letters</i> , 2020, 22, 1748-1753.	4.6	36
9	One-pot synthesis of 4-substituted isoquinolinium zwitterionic salts by metal-free C-H bond activation. <i>Chemical Communications</i> , 2012, 48, 4492.	4.1	33
10	Asymmetric Organocatalysis and Photoredox Catalysis for the α -Functionalization of Tetrahydroisoquinolines. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 1277-1280.	2.4	32
11	Visible-Light-Driven Chlorotrifluoromethylative and Chlorotrichloromethylative Cyclizations of Enynes. <i>Journal of Organic Chemistry</i> , 2019, 84, 7509-7517.	3.2	32
12	Visible-Light Mediated Diarylselenylative Cyclization of 1,6-Enynes. <i>Journal of Organic Chemistry</i> , 2021, 86, 1273-1280.	3.2	32
13	One-pot two-step tandem reactions for selective synthesis of pyrrolo[2,1-a]isoquinolines and dihydro-, tetrahydro-derivatives. <i>Tetrahedron</i> , 2011, 67, 2313-2322.	1.9	25
14	Stereo- and Regioselective <i>cis</i> -Hydrophosphorylation of 1,3-Enynes Enabled by the Visible-Light Irradiation of NiCl ₂ (PPh ₃) ₂ . <i>Organic Letters</i> , 2021, 23, 2981-2987.	4.6	24
15	Copper-Catalyzed Bromodifluoroacetylation of Enynes. <i>Journal of Organic Chemistry</i> , 2020, 85, 15667-15675.	3.2	23
16	Three-Component Radical Iodonitrosylative Cyclization of 1,6-Enynes under Metal-Free Conditions. <i>Organic Letters</i> , 2021, 23, 5044-5048.	4.6	22
17	Visible-Light-Mediated Three-Component Radical Iodosulfonylative Cyclization of Enynes. <i>Organic Letters</i> , 2022, 24, 2515-2519.	4.6	22
18	Regioselective radical arylation: silver-mediated synthesis of 3-phosphorylated coumarins, quinolin-2(1 <i>H</i>)-one and benzophosphole oxides. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 8175-8184.	2.8	20

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19	Visible-light-induced ligand to metal charge transfer excitation enabled phosphorylation of aryl halides. <i>Chemical Communications</i> , 2021, 57, 5702-5705.	4.1	16
20	Copper-Catalyzed Bromo-cyanomethylative Cyclization of Enynes. <i>Journal of Organic Chemistry</i> , 2022, 87, 4455-4459.	3.2	11
21	Diastereoselective Synthesis of trans-2,3,6,7-Tetrahydro-4(5H)-benzofuranones and trans-2,3-Dihydrofurocoumarins via Pyridinium Ylide Assisted Tandem Reactions. <i>Synthesis</i> , 2010, 2010, 4061-4067.	2.3	5
22	Copper/Di-tert-butyl Peroxide-Catalyzed Regioselective Hydroxyphosphorylation of 1,3-Enynes. <i>Synthesis</i> , 2021, 53, 3751-3759.	2.3	4
23	Catalyst-free fluorinative alkoxylation of alkenes. <i>Tetrahedron</i> , 2018, 74, 6577-6583.	1.9	2
24	Three-Component Acylation/Peroxidation of Alkenes through Visible-Light Photocatalysis. <i>ChemistrySelect</i> , 2021, 6, 10834-10838.	1.5	1