

He Wang

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Recent advances in tandem selenocyclization and tellurocyclization with alkenes and alkynes. <i>Organic Chemistry Frontiers</i> , 2020, 7, 3100-3119.	4.5	118
2	Ruthenium(II)-Catalyzed C–C/N Coupling of 2-Arylquinazolinones with Vinylene Carbonate: Access to Fused Quinazolinones. <i>Organic Letters</i> , 2021, 23, 995-999.	4.6	54
3	Synthesis of Monofluoroalkenes through Visible-Light-Promoted Defluorinative Alkylation of <i>gem</i> -Difluoroalkenes with 4-Alkyl-1,4-dihydropyridines. <i>Organic Letters</i> , 2020, 22, 1542-1546.	4.6	53
4	Ruthenium(II)-Catalyzed Homocoupling of Weakly Coordinating Sulfoxonium Ylides via C–H Activation/Annulations: Synthesis of Functionalized Isocoumarins. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 5191-5197.	4.3	46
5	Metal-Free 2,3-Dichloro-5,6-dicyano-1,4-benzoquinone (DDQ)-Mediated Cross-Dehydrogenative Coupling (CDC) of Benzylic C(sp ³)–H Bonds and Vinylic C(sp ²)–H Bonds: Efficient One-Pot Synthesis of 1-H Indenes. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 3157-3163.	4.3	41
6	Tandem [5+1] annulation–isocyanide cyclization: efficient synthesis of hydroindolones. <i>Chemical Communications</i> , 2011, 47, 12316.	4.1	37
7	Visible-light-promoted organic-dye-catalyzed three-component coupling of aldehydes, hydrazines and bromodifluorinated reagents. <i>Organic Chemistry Frontiers</i> , 2018, 5, 1003-1007.	4.5	34
8	Synthesis of <i>gem</i> -Difluoroalkenes via Zn-Mediated Decarboxylative/Defluorinative Cross-Coupling. <i>Organic Letters</i> , 2020, 22, 9342-9345.	4.6	31
9	Trifluoromethylation/Difluoromethylation-Initiated Radical Cyclization of <i>o</i> -Alkenyl Aromatic Isocyanides for Direct Construction of 4-Cyano-2-Trifluoromethyl/Difluoromethyl-Containing Quinolines. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 2274-2279.	4.3	31
10	Base-catalyzed bicyclization of dialkyl glutaconates with cinnamoylacetamides: a synthetic strategy for isoquinolinedione derivatives. <i>Chemical Communications</i> , 2014, 50, 6458.	4.1	29
11	Bicyclization of Diazomethanes: A Synthetic Strategy for Fused Pyrazoles. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 1540-1544.	4.3	27
12	Copper/B ₂ pin ₂ -Catalyzed Difluoroalkylation of Methylene-cyclopropanes with Bromodifluorinated Acetates and Acetamides: One-Pot Synthesis of CF ₂ -Containing Dihydronaphthalene Derivatives. <i>Journal of Organic Chemistry</i> , 2019, 84, 9937-9945.	3.2	20
13	Visible Light-Induced [3+2] Cyclization Reactions of Hydrazones with Hypervalent Iodine Diazo Reagents for the Synthesis of 1-Amino-1,2,3-Triazoles. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 2133-2139.	4.3	19
14	Mn(III)-Mediated Radical Cyclization of <i>o</i> -Alkenyl Aromatic Isocyanides with Boronic Acids: Access to N-Unprotected 2-Aryl-3-cyanoindoles. <i>Organic Letters</i> , 2021, 23, 5826-5830.	4.6	19
15	Visible-Light-Induced C2 Alkylation of Heterocyclic N-Oxides with N-Hydroxyphthalimide Esters under Metal-Free Conditions. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 4707-4715.	4.3	18
16	Base-Catalyzed 1,6-Hydrophosphonylation of <i>p</i> -Quinone Methides with Diphenylphosphane Oxide/Phosphites. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 3898-3907.	2.4	17
17	Visible-light-promoted organic dye catalyzed perfluoroalkylation of hydrazones under mild conditions. <i>Tetrahedron Letters</i> , 2019, 60, 151124.	1.4	16
18	Rhodium-catalyzed three-component cascade synthesis of 6- <i>h</i> -benzo[<i>c</i>]chromenes through C–H activation. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 6865-6869.	2.8	15

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19	Visible-light-promoted hydroxysulfonylation of alkylidenecyclopropanes: synthesis of cyclopropane-containing β^2 -hydroxysulfones. <i>Organic Chemistry Frontiers</i> , 2019, 6, 3944-3949.	4.5	15
20	Synthesis of pyrazolo[1,5- <i>c</i>]quinazoline derivatives through the copper-catalyzed domino reaction of <i>o</i> -alkenyl aromatic isocyanides with diazo compounds. <i>Chemical Communications</i> , 2020, 56, 7665-7668.	4.1	13
21	Visible-Light Photoredox-Catalyzed Three-Component Difluoromethylative Heteroarylation of Unactivated Alkenes. <i>Asian Journal of Organic Chemistry</i> , 2022, 11, .	2.7	13
22	Copper(II)-catalyzed Domino Reaction of the Acyclic Ketene (S, S)-Acetals with Diazo Compounds: Convenient Synthesis of Poly-substituted Thiophenes. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 5684-5689.	4.3	12
23	Visible-Light-Promoted [3+2] Cycloaddition of <i>N</i> -Azirines with Quinones: Access to Substituted Benzo[<i>f</i>]isoindole[4,9-d]iones. <i>Chinese Journal of Chemistry</i> , 2022, 40, 719-724.	4.9	9
24	Palladium-Catalyzed <i>meta</i> -Selective C-H Alkenylation and Acetoxylation of Arylacetic Acid Using a Pyrimidine Template. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 3195-3202.	2.4	6
25	Mn(III)-Catalyzed cascade cyclization reaction of <i>o</i> -acyl aromatic isocyanides with boronic acids. <i>Organic Chemistry Frontiers</i> , 2022, 9, 2486-2490.	4.5	5
26	Base-Catalyzed Intramolecular Self-Cyclization of <i>o</i> -Alkenylaryl Isocyanides: Access to 4-Cyano-3-arylquinolines. <i>ChemistrySelect</i> , 2022, 7, .	1.5	1
27	Ruthenium(II)-Catalyzed Hydroamination of Allenates: A Regioselective Synthesis of Allylamines. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 4152-4156.	4.3	1