

Zu-Li Wang

List of Publications by Year in descending order

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44
papers

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331670

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1204
citing authors

#	ARTICLE	IF	CITATIONS
1	C(sp ³)â ^ˆ H bond functionalization of oximes derivatives via 1,5â ^ˆ hydrogen atom transfer induced by iminyl radical. Chinese Chemical Letters, 2022, 33, 1199-1206.	9.0	14
2	Persulfate promoted tandem radical cyclization of ortho-cyanoarylacrylamides with oxamic acids for construction of carbamoyl quinoline-2,4-diones under metal-free conditions. Chinese Chemical Letters, 2021, 32, 3632-3635.	9.0	17
3	Synthesis of diverse 2,3,4,5-tetrahydro-1H-azepine derivatives via sequential Knoevenagel reaction and Michael addition of tertiary enamide. Tetrahedron Letters, 2021, 74, 153174.	1.4	7
4	Hypervalent iodine mediated C-H amination of quinoxalinones with heteroaromatic amines under metal-free conditions. Chinese Chemical Letters, 2021, 32, 2559-2561.	9.0	22
5	Radical denitrogenative transformations of polynitrogen heterocycles: Building Câ€N bonds and beyond. Chinese Journal of Catalysis, 2021, 42, 1865-1875.	14.0	23
6	Visible light induced radical cascade cyclization of <i>ortho</i>-cyanoarylacrylamides with phosphine oxides for the preparation of phosphorylated quinoline-2,4(1<i>H</i>,3<i>H</i>)-dione. New Journal of Chemistry, 2021, 45, 16438-16441.	2.8	10
7	Recent Progress in Radical Arylation Reaction with Diaryliodonium Salts under Photocatalysis. Chinese Journal of Organic Chemistry, 2021, 41, 4651.	1.3	7
8	Recent advances in sulfenylation of C(sp ³) H bond under transition metal-free conditions. Chinese Chemical Letters, 2020, 31, 49-57.	9.0	57
9	Silver-catalyzed cascade radical cyclization of sodium sulfinates and o-(allyloxy)arylaldehydes towards functionalized chroman-4-ones. Tetrahedron Letters, 2020, 61, 151704.	1.4	17
10	Recent Progress in Sulfonylation via Radical Reaction with Sodium Sulfinates, Sulfinic Acids, Sulfonyl Chlorides or Sulfonyl Hydrazides. ChemistrySelect, 2020, 5, 13103-13134.	1.5	55
11	Tandem Reaction of Tertiary Enamides as a Synthetic Strategy to Construct the Fused <i>N</i>-Pentacyclic Skeleton of Erythrina Alkaloid Derivatives. Organic Letters, 2020, 22, 8814-8818.	4.6	14
12	Visible-light induced cascade radical cyclization of sulfinic acids and o-(allyloxy)arylaldehydes towards functionalized chroman-4-ones. Chinese Chemical Letters, 2020, 31, 3255-3258.	9.0	47
13	Promising reagents for difluoroalkylation. Organic Chemistry Frontiers, 2020, 7, 2538-2575.	4.5	92
14	Hypervalent iodine mediated radical cyclization of o-(allyloxy)arylaldehydes and N-hydroxyphthalimide (NHPI) under metal-free conditions. Tetrahedron Letters, 2020, 61, 152482.	1.4	9
15	Recent Advances in Transition Metal-Free Sulfenylation of Indoles. Chinese Journal of Organic Chemistry, 2020, 40, 886.	1.3	22
16	Metal-Free C-2 Alkylation of <i>N</i>-Oxides with Ethers via Radical Cross-Coupling Reactions. Chinese Journal of Organic Chemistry, 2020, 40, 1766.	1.3	13
17	Recent Progress in the Functionalization of Quinoline N-Oxide. Chinese Journal of Organic Chemistry, 2020, 40, 4071.	1.3	11
18	Visible-Light Induced Sulfonylation of Nitroolefins for the Synthesis of Vinyl Sulfones under Photocatalyst Free Conditions. Chinese Journal of Organic Chemistry, 2020, 40, 4267.	1.3	22

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19	Direct Carbamoylation of Quinoline N-oxides with Hydrazinecarboxamides via C-H Bond Activation Catalyzed by Copper Catalyst. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 832-835.	4.3	41
20	Direct synthesis of 8-acylated quinoline N-oxides via palladium-catalyzed selective C-H activation and C(sp ²)-C(sp ²) cleavage. <i>New Journal of Chemistry</i> , 2019, 43, 1667-1670.	2.8	25
21	Visible-light-induced deoxygenative C2-sulfonylation of quinoline N-oxides with sulfinic acids for the synthesis of 2-sulfonylquinoline via radical reactions. <i>Chinese Journal of Catalysis</i> , 2019, 40, 1494-1498.	14.0	59
22	Copper-Catalyzed Deoxygenative C2-Sulfonylation of Quinoline N-Oxides with DABSO and Phenyldiazonium Tetrafluoroborates for the Synthesis of 2-Sulfonylquinolines via a Radical Reaction. <i>Synthesis</i> , 2019, 51, 3313-3319.	2.3	17
23	Merrifield Resin Supported Ionic Liquids/Iodide as an Efficient and Recyclable Catalyst for the Synthesis of Benzimidazoles. <i>ChemistrySelect</i> , 2019, 4, 2480-2483.	1.5	29
24	Synthesis of Bicyclic ortho-Aminocarbonitrile Derivatives Catalyzed by 1,4-Diazabicyclo[2.2.2]octane. <i>Chinese Journal of Organic Chemistry</i> , 2019, 39, 2560.	1.3	9
25	Recent Progress in Transition Metal-Free C-Heteroatom Bond Formation by Functionalization of C-H Bond in Imidazole-Fused Heterocycles. <i>Chinese Journal of Organic Chemistry</i> , 2019, 39, 3338.	1.3	30
26	Direct Synthesis of Sulfonated or Sulfenylated Pyrazolones Mediated by KIO ₃ and Their Anti-microbial Activity. <i>Chinese Journal of Organic Chemistry</i> , 2019, 39, 3190.	1.3	21
27	Direct sulfonylation of pyrazolones with sodium sulfinates catalyzed by TBAI in water. <i>Tetrahedron Letters</i> , 2018, 59, 1517-1520.	1.4	31
28	Synthesis of coumarins derivatives via decarboxylative cross-coupling of coumarin-3-carboxylic acid with benzylic C(sp ³)-H bond. <i>Tetrahedron Letters</i> , 2018, 59, 4073-4075.	1.4	22
29	Sulfonylation of C(sp ³)-H bond for synthesis of 2-sulfolmethyl azaarenes catalyzed by TBAI in water. <i>Research on Chemical Intermediates</i> , 2018, 44, 7557-7567.	2.7	13
30	Synthesis of benzyl esters from the commercially available alcohols catalyzed by TBAI via C(sp ³)-H bond functionalization. <i>RSC Advances</i> , 2017, 7, 3780-3782.	3.6	15
31	Transformation of aldehydes or alcohols to amides at room temperature under aqueous conditions. <i>Chinese Chemical Letters</i> , 2017, 28, 1597-1599.	9.0	26
32	Direct construction of sulfenylated pyrazoles catalyzed by I ₂ at room temperature. <i>Chinese Journal of Catalysis</i> , 2017, 38, 1664-1667.	14.0	17
33	Sulfonylation of C-H Bonds for C-S Bond Formation under Metal-Free Conditions. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 6576-6592.	2.4	89
34	Visible light-induced C-H sulfonylation using sulfinic acids. <i>Green Chemistry</i> , 2017, 19, 4785-4791.	9.0	112
35	Synthesis of N-2-aryl-substituted 1,2,3-triazoles mediated by magnetic and recoverable CuFe ₂ O ₄ nanoparticles. <i>Research on Chemical Intermediates</i> , 2016, 42, 6231-6243.	2.7	10
36	Bu ₄ Ni-catalyzed construction of tert-butyl peresters from alcohols. <i>RSC Advances</i> , 2016, 6, 8465-8468.	3.6	18

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37	Synthesis of Phenols under Mild Conditions in Water Using Recyclable Chitosan@Copper as Catalyst. Chinese Journal of Organic Chemistry, 2016, 36, 862.	1.3	4
38	Copper-catalyzed cross-coupling reactions for C–P bond formation. RSC Advances, 2015, 5, 52824-52831.	3.6	56
39	Alumina-supported heteropoly acid: An efficient catalyst for the synthesis of azaarene substituted 3-hydroxy-2-oxindole derivatives via C(sp ³)H bond functionalization. Chinese Chemical Letters, 2015, 26, 599-602.	9.0	20
40	Magnetically separable CuFe ₂ O ₄ nanoparticles as a recoverable catalyst for the addition reaction of C(sp ³)–H bond of azaarenes to aldehydes. RSC Advances, 2015, 5, 5563-5566.	3.6	30
41	Acid ionic liquid promoted addition of C(sp ³)–H bond to aldehyde. Tetrahedron Letters, 2014, 55, 5462-5464.	1.4	23
42	Hypervalent iodine: a powerful electrophile for asymmetric α -functionalization of carbonyl compounds. Organic and Biomolecular Chemistry, 2014, 12, 4278.	2.8	108
43	Recent Advances in Catalytic Asymmetric Decarboxylative Addition Reactions. Advanced Synthesis and Catalysis, 2013, 355, 2745-2755.	4.3	144
44	Kumada–Tamao–Corriu cross-coupling reaction of O-based electrophiles with Grignard reagents via C–O bond activation. RSC Advances, 2013, 3, 25565.	3.6	54