Zu-Li Wang

List of Publications by Year
in descending order

44 papers	1,482 citations	331670 21 h-index	330143 37 g-index
44 all docs	44 docs citations	44 times ranked	1204 citing authors

#	Article	IF	Citations
1	Recent Advances in Catalytic Asymmetric Decarboxylative Addition Reactions. Advanced Synthesis and Catalysis, 2013, 355, 2745-2755.	4.3	144
2	Visible light-induced Câ€“H sulfenylation using sulfinic acids. Green Chemistry, 2017, 19, 4785-4791.	9.0	112
3	Hypervalent iodine: a powerful electrophile for asymmetric Î±-functionalization of carbonyl compounds. Organic and Biomolecular Chemistry, 2014, 12, 4278.	2.8	108
4	Promising reagents for difluoroalkylation. Organic Chemistry Frontiers, 2020, 7, 2538-2575.	4.5	92
5	Sulfenylation of Câ€“H Bonds for Câ€“S Bond Formation under Metalâ€Free Conditions. European Journal of Organic Chemistry, 2017, 2017, 6576-6592.	2.4	89
6	Visible-light-induced deoxygenative C2-sulfonylation of quinoline N-oxides with sulfinic acids for the synthesis of 2-sulfonylquinoline via radical reactions. Chinese Journal of Catalysis, 2019, 40, 1494-1498.	14.0	59
7	Recent advances in sulfenylation of C(sp3) H bond under transition metal-free conditions. Chinese Chemical Letters, 2020, 31, 49-57.	9.0	57
8	Copper-catalyzed cross-coupling reactions for Câ€“P bond formation. RSC Advances, 2015, 5, 52824-52831.	3.6	56
9	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
10	Kumadaâ€“Tamaoâ€“Corriu cross-coupling reaction of O-based electrophiles with Grignard reagents via Câ€“O bond activation. RSC Advances, 2013, 3, 25565.	3.6	54
11	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
12	Direct Carbamoylation of Quinoline Nâ€oxides with Hydrazinecarboxamides via Câˆ’H Bond Activation Catalyzed by Copper Catalyst. Advanced Synthesis and Catalysis, 2019, 361, 832-835.	4.3	41
13	Direct sulfonylation of pyrazolones with sodium sulfinates catalyzed by TBAI in water. Tetrahedron Letters, 2018, 59, 1517-1520.	1.4	31
14	Magnetically separable CuFe₂O₄ nanoparticles as a recoverable catalyst for the addition reaction of C(sp³)â€“H bond of azaarenes to aldehydes. RSC Advances, 2015, 5, 5563-5566.	3.6	30
15	Recent Progress in Transition Metal-Free C-Heteroatom Bond Formation by Functionalization of C-H Bond in Imidazole-Fused Heterocycles. Chinese Journal of Organic Chemistry, 2019, 39, 3338.	1.3	30
16	Merrifield Resin Supported Ionic Liquids/Iodide as an Efficient and Recyclable Catalyst for the Synthesis of Benzimidazoles. ChemistrySelect, 2019, 4, 2480-2483.	1.5	29
17	Transformation of aldehydes or alcohols to amides at room temperature under aqueous conditions. Chinese Chemical Letters, 2017, 28, 1597-1599.	9.0	26
18	Direct synthesis of 8-acylated quinoline N-oxidesviapalladium-catalyzed selective Câ€“H activation and C(sp2)â€“C(sp2) cleavage. New Journal of Chemistry, 2019, 43, 1667-1670.	2.8	25

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19	Acid ionic liquid promoted addition of C(sp3)â€“H bond to aldehyde. Tetrahedron Letters, 2014, 55, 5462-5464.	1.4	23
20	Radical denitrogenative transformations of polynitrogen heterocycles: Building Câ€“N bonds and beyond. Chinese Journal of Catalysis, 2021, 42, 1865-1875.	14.0	23
21	Synthesis of coumarins derivatives via decarboxylative cross-coupling of coumarin-3-carboxylic acid with benzylic C(sp3)-H bond. Tetrahedron Letters, 2018, 59, 4073-4075.	1.4	22
22	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
23	Recent Advances in Transition Metal-Free Sulfenylation of Indoles. Chinese Journal of Organic Chemistry, 2020, 40, 886.	1.3	22
24	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
25	Direct Synthesis of Sulfonated or Sulfenylated Pyrazolones Mediated by KIO3 and Their Anti-microbial Activity. Chinese Journal of Organic Chemistry, 2019, 39, 3190.	1.3	21
26	Alumina-supported heteropoly acid: An efficient catalyst for the synthesis of azaarene substituted 3-hydroxy-2-oxindole derivatives via C(sp3)H bond functionalization. Chinese Chemical Letters, 2015, 26, 599-602.	9.0	20
27	Bu₄NI-catalyzed construction of tert-butyl peresters from alcohols. RSC Advances, 2016, 6, 8465-8468.	3.6	18
28	Direct construction of sulfenylated pyrazoles catalyzed by I 2 at room temperature. Chinese Journal of Catalysis, 2017, 38, 1664-1667.	14.0	17
29	Copper-Catalyzed Deoxygenative C2-Sulfonylation of Quinoline N-Oxides with DABSO and Phenyldiazonium Tetrafluoroborates for the Synthesis of 2-Sulfonylquinolines via a Radical Reaction. Synthesis, 2019, 51, 3313-3319.	2.3	17
30	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
31	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
32	Synthesis of benzyl esters from the commercially available alcohols catalyzed by TBAI via C(sp³)â€“H bond functionalization. RSC Advances, 2017, 7, 3780-3782.	3.6	15
33	Tandem Reaction of Tertiary Enamides as a Synthetic Strategy to Construct the Fused N-Pentacyclic Skeleton of Erythrina Alkaloid Derivatives. Organic Letters, 2020, 22, 8814-8818.	4.6	14
34	C(sp3)â^'H bond functionalization of oximes derivatives via 1,5â^'hydrogen atom transfer induced by iminyl radical. Chinese Chemical Letters, 2022, 33, 1199-1206.	9.0	14
35	Sulfonylation of C(sp3)â€“H bond for synthesis of 2-sulfolmethyl azaarenes catalyzed by TBAI in water. Research on Chemical Intermediates, 2018, 44, 7557-7567.	2.7	13
36	Metal-Free C-2 Alkylation of N-Oxides with Ethers via Radical Cross-Coupling Reactions. Chinese Journal of Organic Chemistry, 2020, 40, 1766.	1.3	13

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37	Recent Progress in the Functionalization of Quinoline N-Oxide. Chinese Journal of Organic Chemistry, 2020, 40, 4071.	1.3	11
38	Synthesis of N-2-aryl-substituted 1,2,3-triazoles mediated by magnetic and recoverable CuFe2O4 nanoparticles. Research on Chemical Intermediates, 2016, 42, 6231-6243.	2.7	10
39	Visible light induced radical cascade cyclization of ortho-cyanoarylacrylamides with phosphine oxides for the preparation of phosphorylated quinoline-2,4(1H,3H)-dione. New Journal of Chemistry, 2021, 45, 16438-16441.	2.8	10
40	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
41	Synthesis of Bicyclic ortho-Aminocarbonitrile Derivatives Catalyzed by 1,4-Diazabicyclo[2.2.2]octane. Chinese Journal of Organic Chemistry, 2019, 39, 2560.	1.3	9
42	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
43	Recent Progress in Radical Arylation Reaction with Diaryliodonium Salts under Photocatalysis. Chinese Journal of Organic Chemistry, 2021, 41, 4651.	1.3	7
44	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