

Wei Guo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4529140/publications.pdf>

Version: 2024-02-01

43
papers

1,712
citations

279798

23
h-index

276875

41
g-index

46
all docs

46
docs citations

46
times ranked

1474
citing authors

#	ARTICLE	IF	CITATIONS
1	Decarboxylative Alkynylation and Carbonylative Alkynylation of Carboxylic Acids Enabled by Visible-Light Photoredox Catalysis. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 11196-11199.	13.8	280
2	Copper-Catalyzed Oxidative C(sp ³)-H Functionalization for Facile Synthesis of 1,2,4-Triazoles and 1,3,5-Triazines from Amidines. <i>Organic Letters</i> , 2015, 17, 2894-2897.	4.6	94
3	Developments towards synthesis of N-heterocycles from amidines via C-N/C-C bond formation. <i>Organic Chemistry Frontiers</i> , 2019, 6, 2120-2141.	4.5	94
4	Recent advances in photocatalytic C-S/P-S bond formation via the generation of sulfur centered radicals and functionalization. <i>Organic Chemistry Frontiers</i> , 2019, 6, 2048-2066.	4.5	91
5	Progress in Photoinduced Radical Reactions using Electron Donor-Acceptor Complexes. <i>Asian Journal of Organic Chemistry</i> , 2021, 10, 711-748.	2.7	77
6	De Novo Synthesis of β,γ -Disubstituted Butyrolactones through a Visible Light Photocatalytic Arylation-Lactonization Sequence. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 2787-2793.	4.3	74
7	Direct Photocatalytic S-H Bond Cyanation with Green CN^- -Source. <i>Journal of Organic Chemistry</i> , 2018, 83, 6580-6588.	3.2	67
8	Photocatalytic direct C-S bond formation: facile access to 3-sulfenylindoles via metal-free C-3 sulfenylation of indoles with thiophenols. <i>RSC Advances</i> , 2017, 7, 37739-37742.	3.6	62
9	A Four-Component Reaction Strategy for Pyrimidine Carboxamide Synthesis. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 1289-1293.	13.8	58
10	Palladium-Catalyzed Fluoroalkylative Cyclization of Olefins. <i>Organic Letters</i> , 2017, 19, 1008-1011.	4.6	49
11	Visible-light-induced photocatalytic formyloxylation reactions of 3-bromooxindoles with water and DMF: the scope and mechanism. <i>Green Chemistry</i> , 2014, 16, 3787-3795.	9.0	47
12	Recent Developments in Photo-Catalyzed/Promoted Synthesis of Indoles and Their Functionalization: Reactions and Mechanisms. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 62-119.	4.3	44
13	Transition Metal Free Intermolecular Direct Oxidative C-N Bond Formation to Polysubstituted Pyrimidines Using Molecular Oxygen as the Sole Oxidant. <i>Journal of Organic Chemistry</i> , 2016, 81, 5538-5546.	3.2	43
14	A facile approach to synthesize 3,5-disubstituted-1,2,4-oxadiazoles via copper-catalyzed-cascade annulation of amidines and methylenes. <i>Chemical Communications</i> , 2015, 51, 8857-8860.	4.1	39
15	Metal-Free Catalyzed Regioselective Allylic Trifluoromethanesulfonylation of Aromatic Allylic Alcohols with Sodium Trifluoromethanesulfinate. <i>Journal of Organic Chemistry</i> , 2016, 81, 1304-1309.	3.2	37
16	Visible Light-Promoted Three-Component Tandem Annulation for the Synthesis of 2-Imino-thiazolidin-4-ones. <i>Journal of Organic Chemistry</i> , 2018, 83, 1402-1413.	3.2	35
17	Palladium-Catalyzed Desulfinitative Oxidative Coupling between Arenesulfonic Acid Salts and Allylic Alcohols: A Strategy for the Selective Construction of β -Aryl Ketones and Aldehydes. <i>Journal of Organic Chemistry</i> , 2015, 80, 8903-8909.	3.2	33
18	Base mediated direct C-H amination for pyrimidines synthesis from amidines and cinnamaldehydes using oxygen as green oxidants. <i>Chinese Chemical Letters</i> , 2016, 27, 47-50.	9.0	30

#	ARTICLE	IF	CITATIONS
19	Carbonylation Access to Phthalimides Using Self-Sufficient Directing Group and Nucleophile. <i>Journal of Organic Chemistry</i> , 2018, 83, 104-112.	3.2	30
20	Cu-Catalyzed intermolecular [3 + 3] annulation involving oxidative activation of an unreactive C(sp ³)-H bond: access to pyrimidine derivatives from amidines and ketones. <i>Organic Chemistry Frontiers</i> , 2017, 4, 1107-1111.	4.5	25
21	Base-Mediated Three-Component Tandem Reactions for the Synthesis of Multisubstituted Pyrimidines. <i>Journal of Organic Chemistry</i> , 2017, 82, 13609-13616.	3.2	25
22	Visible-Light-Catalyzed [3 + 1 + 2] Coupling Annulations for the Synthesis of Unsymmetrical Trisubstituted Amino-1,3,5-triazines. <i>Journal of Organic Chemistry</i> , 2019, 84, 15508-15519.	3.2	25
23	Palladium-Catalyzed Oxidative O ² /N ² -H Carbonylation of Hydrazides: Access to Substituted 1,3,4-Oxadiazole-2(3 <i>H</i>)-ones. <i>Journal of Organic Chemistry</i> , 2015, 80, 5713-5718.	3.2	24
24	Metal- and Oxidant-Free Green Three-Component Desulfurization and Deamination Condensation Approach to Fully Substituted 1 <i>H</i> -1,2,4-Triazol-3-amines and Their Photophysical Properties. <i>Journal of Organic Chemistry</i> , 2021, 86, 17986-18003.	3.2	22
25	Direct oxidative coupling of amidine hydrochlorides and methylarenes: TBHP-mediated synthesis of substituted 1,3,5-triazines under metal-free conditions. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 10285-10289.	2.8	21
26	Metal-Free, TBHP-Mediated, [3+2+1]-Type Intermolecular Cycloaddition Reaction: Synthesis of Pyrimidines from Amidines, Ketones, and DMF through C(sp ³)-H Activation. <i>Asian Journal of Organic Chemistry</i> , 2017, 6, 837-840.	2.7	21
27	Visible-Light-Promoted Three-Component Coupling Annulation: Synthesis of 2-Iminothiazolidin-4-ones via in Situ Formed Electron Donor-Acceptor Complexes. <i>Journal of Organic Chemistry</i> , 2019, 84, 6448-6458.	3.2	21
28	Molluscicides against the snail-intermediate host of <i>Schistosoma</i> : a review. <i>Parasitology Research</i> , 2021, 120, 3355-3393.	1.6	18
29	Synthesis of Purine Analogues: Photocatalyst-Free Visible-Light-Enhanced Annulation Approach to Pyrazolo[1,5- <i>a</i>][1,3,5]triazine-2,4-diamines. <i>Journal of Organic Chemistry</i> , 2021, 86, 8365-8380.	3.2	17
30	Base-Promoted Metal-Free/Oxidant-Free Three-Component Tandem Annulation: A Strategy for the Construction of 2,4,5-Trisubstituted Thiazoles via C ² -N Bond Cleavage of Amidines. <i>Asian Journal of Organic Chemistry</i> , 2018, 7, 1893-1897.	2.7	13
31	Photodriven Photocatalyst/Metal-Free Direct C-C/N Bond Formation: Synthesis of Indoles via EDA Complexes. <i>Journal of Organic Chemistry</i> , 2019, 84, 14168-14178.	3.2	13
32	Photocatalytic cross-dehydrogenative coupling reaction toward the synthesis of <i>N,N</i> -disubstituted hydrazides and their bromides. <i>Organic Chemistry Frontiers</i> , 2022, 9, 3012-3021.	4.5	13
33	A Four-Component Reaction Strategy for Pyrimidine Carboxamide Synthesis. <i>Angewandte Chemie</i> , 2017, 129, 1309-1313.	2.0	11
34	Photocatalyzed intermolecular amination for the synthesis of hydrazonamides. <i>Organic Chemistry Frontiers</i> , 2021, 8, 3838-3846.	4.5	11
35	Copper-Catalyzed Phosphorylation of <i>N,N</i> -Disubstituted Hydrazines: Synthesis of Multisubstituted Phosphorylhydrazides as Potential Anticancer Agents. <i>Journal of Organic Chemistry</i> , 2022, 87, 6224-6236.	3.2	11
36	Discovery of molluscicidal and cercaricidal activities of 3-substituted quinazolinone derivatives by a scaffold hopping approach using a pseudo-ring based on the intramolecular hydrogen bond formation. <i>European Journal of Medicinal Chemistry</i> , 2016, 115, 291-294.	5.5	8

#	ARTICLE	IF	CITATIONS
37	Photocatalytic Three-Component Tandem Annulation Access to Multiply Substituted 1,2,4-Triazole-3,5-diamines. <i>Asian Journal of Organic Chemistry</i> , 2021, 10, 3034-3038.	2.7	8
38	Triethylene glycol-modified iridium(iii) complexes for fluorescence imaging of <i>Schistosoma japonicum</i> . <i>Journal of Materials Chemistry B</i> , 2017, 5, 4973-4980.	5.8	7
39	Metal-Free Temperature-Controlled Intermolecular [3 + 2] Annulation to Access Benzo[<i>d</i>]thiazole-2(3 <i>H</i>)-thiones and Benzo[<i>d</i>]thiazol-2(3 <i>H</i>)-ones. <i>Journal of Organic Chemistry</i> , 2022, 87, 10467-10475.	3.2	7
40	Base-Promoted Three-Component Cyclization and Coupling Strategy for the Synthesis of Substituted 3-Aryl-5-thio-1,3,4-thiadiazole-2-thiones. <i>Asian Journal of Organic Chemistry</i> , 2022, 11, e202100745.	2.7	6
41	Design, Synthesis, and Cercaricidal Activity of Novel High-Efficient, Low-Toxic Self-Spreading PEG- <i>N</i> -salicylanilide Derivatives Against Cercariae Larvae of <i>Schistosoma japonicum</i> Floating on the Water Surface. <i>Chemical Biology and Drug Design</i> , 2015, 85, 527-533.	3.2	5
42	Synthesis and cercaricidal activities of a serial of novel self-diffused cercaricides derived from niphensamide. <i>Chinese Chemical Letters</i> , 2008, 19, 406-408.	9.0	3
43	Green Catalyst- and Additive-Free Three-Component Deamination Cyclization Synthesis of 3-Substituted-4-oxo-2-quinazolinonyl Sulfides. <i>ChemistrySelect</i> , 2021, 6, 11768-11774.	1.5	3