

Zhixiong Ruan

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,389
citations

471509

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docs citations

26
times ranked

1169
citing authors

#	ARTICLE	IF	CITATIONS
1	Manganese-catalyzed C-H Alkynylation: Expedient Peptide Synthesis and Modification. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 3172-3176.	13.8	253
2	Ruthenium(II)-catalyzed <i>meta</i> -C-H Mono- and Difluoromethylations by Phosphine/Carboxylate Cooperation. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 2045-2049.	13.8	183
3	A General Strategy for the Nickel-catalyzed C-H Alkylation of Anilines. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 3153-3157.	13.8	117
4	Catalyst-Free, Direct Electrochemical Tri- and Difluoroalkylation/Cyclization: Access to Functionalized Oxindoles and Quinolinones. <i>Organic Letters</i> , 2019, 21, 1237-1240.	4.6	110
5	Nickel-Catalyzed C-H Alkynylation of Anilines: Expedient Access to Functionalized Indoles and Purine Nucleobases. <i>ACS Catalysis</i> , 2016, 6, 4690-4693.	11.2	98
6	Manganese-catalyzed C-H Alkynylation: Expedient Peptide Synthesis and Modification. <i>Angewandte Chemie</i> , 2017, 129, 3220-3224.	2.0	96
7	Ruthenium(II)-catalyzed <i>meta</i> -C-H Mono- and Difluoromethylations by Phosphine/Carboxylate Cooperation. <i>Angewandte Chemie</i> , 2017, 129, 2077-2081.	2.0	69
8	Discovery of Bufadienolides as a Novel Class of ClC-3 Chloride Channel Activators with Antitumor Activities. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 5734-5743.	6.4	66
9	Catalyst-free, direct electrochemical synthesis of annulated medium-sized lactams through C-C bond cleavage. <i>Green Chemistry</i> , 2020, 22, 1099-1104.	9.0	62
10	Late-stage azolation of benzylic C-H bonds enabled by electrooxidation. <i>Science China Chemistry</i> , 2021, 64, 800-807.	8.2	48
11	Nickel-catalyzed C-H activation of purine bases with alkyl halides. <i>Chemical Communications</i> , 2017, 53, 9113-9116.	4.1	36
12	Electrochemical Oxidative Phosphorylation of Aldehyde Hydrazones. <i>Organic Letters</i> , 2020, 22, 4016-4020.	4.6	36
13	Direct Electrochemical Selenylation/Cyclization of Alkenes: Access to Functionalized Benzheterocycles. <i>Journal of Organic Chemistry</i> , 2021, 86, 16045-16058.	3.2	31
14	Nitrogen-doped carbon dodecahedron embedded with cobalt nanoparticles for the direct electro-oxidation of glucose and efficient nonenzymatic glucose sensing. <i>Talanta</i> , 2021, 225, 121954.	5.5	30
15	Electrochemical regioselective C-H selenylation of 2-H-indazole derivatives. <i>Organic and Biomolecular Chemistry</i> , 2021, 20, 117-121.	2.8	29
16	Direct Electrochemical Synthesis of Sulfur-containing Triazolium Inner Salts. <i>Chinese Journal of Chemistry</i> , 2021, 39, 942-946.	4.9	23
17	Electro-oxidative C-H amination of heteroarenes with aniline derivatives <i>via</i> radical-radical cross coupling. <i>Green Chemistry</i> , 2021, 23, 8853-8858.	9.0	21
18	Manganese- and rhenium-catalyzed C-H enaminylation: expedient access to novel indole-purine hybrids with anti-tumor bioactivities. <i>Organic Chemistry Frontiers</i> , 2020, 7, 3709-3714.	4.5	14

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19	Novel Oxazolidinone Antibacterial Analogues with a Substituted Ligustrazine C ₆ Ring Unit. <i>Chemical Biology and Drug Design</i> , 2015, 86, 682-690.	3.2	12
20	Electro-Oxidative C ₂ -N Bond Formation through Azolation of Indole Derivatives: An Access to 3-Substituent-2-(Azol-1-yl)indoles. <i>Journal of Organic Chemistry</i> , 2021, 86, 16059-16067.	3.2	12
21	3D-QSAR and molecular docking for the discovery of ketolide derivatives. <i>Expert Opinion on Drug Discovery</i> , 2013, 8, 427-444.	5.0	11
22	Highly active catalyst using zeolitic imidazolate framework derived nano-polyhedron for the electro-oxidation of l-cysteine and amperometric sensing. <i>Journal of Colloid and Interface Science</i> , 2021, 603, 822-833.	9.4	11
23	Bipiperidinyll derivatives of 23-hydroxybetulinic acid reverse resistance of HepG2/ADM and MCF-7/ADR cells. <i>Anti-Cancer Drugs</i> , 2013, 24, 441-454.	1.4	10
24	Electro-Oxidative Coupling of Azoles with 2- and 3-Haloindoles/Thiophenes Providing Access to 2/3-Halo(Azol-1-yl)Indoles/Thiophenes. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 35-40.	4.3	10
25	8 Electrochemical Fluoroalkylation. , 2022, , .		1