

Zhenxing Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

375
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437
citing authors

#	ARTICLE	IF	CITATIONS
1	Monitoring thiophenols in both environmental water samples and bio-samples: A method based on a fluorescent probe with broad pH adaptation. <i>Ecotoxicology and Environmental Safety</i> , 2022, 233, 113340.	6.0	9
2	A coumarin-based biosensor for human hepatocellular carcinoma diagnosis with enhanced brightness and water solubility. <i>Materials Chemistry Frontiers</i> , 2021, 5, 7548-7557.	5.9	8
3	Piperazine-Coumarin based fluorescence probe with enhanced brightness and solubility for bio-thiol detection and esophageal carcinoma diagnosis. <i>Bioorganic Chemistry</i> , 2021, 116, 105391.	4.1	13
4	Synthesis of poly (p-phenylene vinylene) derivatives as biopolymer sensor targeting reactive oxygen species (ROS). <i>Optical Materials</i> , 2021, 120, 111486.	3.6	10
5	Rapid detection of thioredoxin reductase with a fluorescent probe via a Tag-Sec method. <i>Materials Chemistry Frontiers</i> , 2021, 5, 8108-8117.	5.9	8
6	Sustainable Approach to Azaheterocyclic Acetamides by Decarboxylative Aminoforylation. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 16463-16468.	6.7	19
7	Anodic oxidation triggered divergent 1,2- and 1,4-group transfer reactions of β -hydroxycarboxylic acids enabled by electrochemical regulation. <i>Chemical Science</i> , 2020, 11, 12021-12028.	7.4	18
8	Mn-Mediated Electrochemical Trifluoromethylation/ $C(sp^2)$ -H Functionalization Cascade for the Synthesis of Azaheterocycles. <i>Organic Letters</i> , 2019, 21, 762-766.	4.6	116
9	Oxidant-Free $C(sp^2)$ -H Functionalization/ $C=O$ Bond Formation: A Kolbe Oxidative Cyclization Process. <i>Journal of Organic Chemistry</i> , 2018, 83, 3200-3207.	3.2	46
10	Oxidant-free oxidation of $C-H$ bonds by cathodic hydrogen evolution: a phosphonic Kolbe oxidation/cyclization process. <i>Green Chemistry</i> , 2018, 20, 3916-3920.	9.0	29
11	Ruthenium-Catalyzed Redox-Neutral $C-H$ Activation via $N-N$ Cleavage: Synthesis of N-Substituted Indoles. <i>Organic Letters</i> , 2014, 16, 5976-5979.	4.6	94
12	The Total Synthesis of Immunostimulant β -Galactosylceramides from Naturally Configured β -Galactoside Raffinose. <i>Organic Letters</i> , 2011, 13, 4530-4533.	4.6	5