

Zhenxing Zhang

List of Publications by Year in descending order

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12
papers

375
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| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Mn-Mediated Electrochemical Trifluoromethylation/C(sp ²)â€“H Functionalization Cascade for the Synthesis of Azaheterocycles. <i>Organic Letters</i> , 2019, 21, 762-766. | 4.6 | 116 |
| 2 | Ruthenium-Catalyzed Redox-Neutral Câ€“H Activation via Nâ€“N Cleavage: Synthesis of N-Substituted Indoles. <i>Organic Letters</i> , 2014, 16, 5976-5979. | 4.6 | 94 |
| 3 | Oxidant-Free C(sp ²)â€“H Functionalization/Câ€“O Bond Formation: A Kolbe Oxidative Cyclization Process. <i>Journal of Organic Chemistry</i> , 2018, 83, 3200-3207. | 3.2 | 46 |
| 4 | Oxidant-free oxidation of Câ€“H bonds by cathodic hydrogen evolution: a phosphonic Kolbe oxidation/cyclization process. <i>Green Chemistry</i> , 2018, 20, 3916-3920. | 9.0 | 29 |
| 5 | Sustainable Approach to Azaheterocyclic Acetamides by Decarboxylative Aminoformylation. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 16463-16468. | 6.7 | 19 |
| 6 | Anodic oxidation triggered divergent 1,2- and 1,4-group transfer reactions of Î²-hydroxycarboxylic acids enabled by electrochemical regulation. <i>Chemical Science</i> , 2020, 11, 12021-12028. | 7.4 | 18 |
| 7 | 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 |
| 8 | 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 |
| 9 | 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 |
| 10 | 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 |
| 11 | Rapid detection of thioredoxin reductase with a fluorescent probe <i>via</i> a Tag-Sec method. <i>Materials Chemistry Frontiers</i> , 2021, 5, 8108-8117. | 5.9 | 8 |
| 12 | The Total Synthesis of Immunostimulant Î±-Galactosylceramides from Naturally Configured Î±-Galactoside Raffinose. <i>Organic Letters</i> , 2011, 13, 4530-4533. | 4.6 | 5 |