

Ningning Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

263
citations

933447

10
h-index

1125743

13
g-index

15
all docs

15
docs citations

15
times ranked

271
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Impact of deep eutectic solvents (DESS) and individual DES components on alcohol dehydrogenase catalysis: connecting experimental data and molecular dynamics simulations. <i>Green Chemistry</i> , 2022, 24, 1120-1131. | 9.0 | 37 |
| 2 | Development of a Thioredoxinâ€Based Cofactor Regeneration System for NADPHâ€Dependent Oxidoreductases. <i>ChemCatChem</i> , 2022, 14, . | 3.7 | 5 |
| 3 | Artificial Enzymes Combining Proteins with Proline Polymers for Asymmetric Aldol Reactions in Water. <i>ACS Catalysis</i> , 2022, 12, 4777-4783. | 11.2 | 7 |
| 4 | Unraveling Alcohol Dehydrogenase Catalysis in Organicâ€Aqueous Biphasic Systems Combining Experiments and Molecular Dynamics Simulations. <i>ACS Catalysis</i> , 2022, 12, 9171-9180. | 11.2 | 11 |
| 5 | Can Deep Eutectic Solvents Sustain Oxygen-Dependent Bioprocesses?â€Measurements of Oxygen Transfer Rates. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 8347-8353. | 6.7 | 12 |
| 6 | Comparison and Validation of Force Fields for Deep Eutectic Solvents in Combination with Water and Alcohol Dehydrogenase. <i>Journal of Chemical Theory and Computation</i> , 2021, 17, 5322-5341. | 5.3 | 17 |
| 7 | Facile Synthesis of Enzyme-Embedded Metalâ€Organic Frameworks for Size-Selective Biocatalysis in Organic Solvent. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 714. | 4.1 | 15 |
| 8 | The Sac10b homolog from <i>Sulfolobus islandicus</i> is an RNA chaperone. <i>Nucleic Acids Research</i> , 2020, 48, 9273-9284. | 14.5 | 5 |
| 9 | Enzymes Immobilized on Carbon Nitride (C 3 N 4) Cooperating with Metal Nanoparticles for Cascade Catalysis. <i>Advanced Materials Interfaces</i> , 2019, 6, 1801664. | 3.7 | 25 |
| 10 | Heterogeneous Metalâ€Organicâ€Frameworkâ€Based Biohybrid Catalysts for Cascade Reactions in Organic Solvent. <i>Chemistry - A European Journal</i> , 2019, 25, 1716-1721. | 3.3 | 70 |
| 11 | Surface-Functionalized Mesoporous Nanoparticles as Heterogeneous Supports To Transfer Bifunctional Catalysts into Organic Solvents for Tandem Catalysis. <i>ACS Applied Nano Materials</i> , 2018, 1, 6378-6386. | 5.0 | 28 |
| 12 | Precursor-directed biosynthesis of new sansanmycin analogs bearing para-substituted-phenylalanines with high yields. <i>Journal of Antibiotics</i> , 2016, 69, 765-768. | 2.0 | 14 |
| 13 | Improving the N-terminal diversity of sansanmycin through mutasynthesis. <i>Microbial Cell Factories</i> , 2016, 15, 77. | 4.0 | 17 |