

Ningning Zhang

List of Publications by Year in descending order

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13
papers

263
citations

933447

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1125743

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271
citing authors

#	ARTICLE	IF	CITATIONS
1	Heterogeneous Metal-Organic Framework-Based Biohybrid Catalysts for Cascade Reactions in Organic Solvent. <i>Chemistry - A European Journal</i> , 2019, 25, 1716-1721.	3.3	70
2	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
3	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
4	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
5	Improving the N-terminal diversity of sansanmycin through mutasynthesis. <i>Microbial Cell Factories</i> , 2016, 15, 77.	4.0	17
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 Metal-Organic Frameworks for Size-Selective Biocatalysis in Organic Solvent. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 714.	4.1	15
8	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
9	Can Deep Eutectic Solvents Sustain Oxygen-Dependent Bioprocesses? Measurements of Oxygen Transfer Rates. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 8347-8353.	6.7	12
10	Unraveling Alcohol Dehydrogenase Catalysis in Organic-Aqueous Biphasic Systems Combining Experiments and Molecular Dynamics Simulations. <i>ACS Catalysis</i> , 2022, 12, 9171-9180.	11.2	11
11	Artificial Enzymes Combining Proteins with Proline Polymers for Asymmetric Aldol Reactions in Water. <i>ACS Catalysis</i> , 2022, 12, 4777-4783.	11.2	7
12	The Sac10b homolog from <i>Sulfolobus islandicus</i> is an RNA chaperone. <i>Nucleic Acids Research</i> , 2020, 48, 9273-9284.	14.5	5
13	Development of a Thioredoxin-Based Cofactor Regeneration System for NADPH-Dependent Oxidoreductases. <i>ChemCatChem</i> , 2022, 14, .	3.7	5