

Zhongbiao Tan

List of Publications by Year in descending order

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15
papers

299
citations

933447

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996975

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15
times ranked

403
citing authors

#	ARTICLE	IF	CITATIONS
1	Biodiesel production from soybean oil deodorizer distillate using calcined duck eggshell as catalyst. <i>Energy Conversion and Management</i> , 2016, 112, 199-207.	9.2	96
2	Characterization of a Novel Alginate Lyase from Marine Bacterium <i>Vibrio furnissii</i> H1. <i>Marine Drugs</i> , 2018, 16, 30.	4.6	31
3	Construction and characterization of bifunctional cellulases: Caldicellulosiruptor-sourced endoglucanase, CBM, and exoglucanase for efficient degradation of lignocellulose. <i>Biochemical Engineering Journal</i> , 2019, 151, 107363.	3.6	27
4	Improving the thermostability of a mesophilic family 10 xylanase, AuXyn10A, from <i>Aspergillus usamii</i> by in silico design. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2014, 41, 1217-1225.	3.0	22
5	Cloning and sequence analysis of an acidophilic xylanase (XynI) gene from <i>Aspergillus usamii</i> E001. <i>World Journal of Microbiology and Biotechnology</i> , 2011, 27, 831-839.	3.6	20
6	High-level heterologous expression of an alkaline lipase gene from <i>Penicillium cyclopium</i> PG37 in <i>Pichia pastoris</i> . <i>World Journal of Microbiology and Biotechnology</i> , 2011, 27, 2767-2774.	3.6	20
7	Improved lignocellulose degradation efficiency by fusion of β -glucosidase, exoglucanase, and carbohydrate-binding module from <i>Caldicellulosiruptor saccharolyticus</i> . <i>BioResources</i> , 2019, 14, 6767-6780.	1.0	17
8	Expanding the Biocatalytic Scope of Enzyme-Loaded Polymeric Hydrogels. <i>Gels</i> , 2021, 7, 194.	4.5	15
9	Nanomaterial-immobilized lipases for sustainable recovery of biodiesel – A review. <i>Fuel</i> , 2022, 316, 123429.	6.4	15
10	Enhancing the Thermostability of a Cold-Active Lipase from <i>Penicillium cyclopium</i> by In Silico Design of a Disulfide Bridge. <i>Applied Biochemistry and Biotechnology</i> , 2014, 173, 1752-1764.	2.9	13
11	Immobilization of a cold-adaptive recombinant <i>Penicillium cyclopium</i> lipase on modified palygorskite for biodiesel preparation. <i>Biomass Conversion and Biorefinery</i> , 2022, 12, 5317-5328.	4.6	8
12	Enhancing the methanol tolerance of <i>Candida antarctica</i> lipase B by saturation mutagenesis for biodiesel preparation. <i>3 Biotech</i> , 2022, 12, 22.	2.2	7
13	Digging and identification of novel microorganisms from the soil environments with high methanol-tolerant lipase production for biodiesel preparation. <i>Environmental Research</i> , 2022, 212, 113570.	7.5	5
14	Exploration of Disulfide Bridge and N-Glycosylation Contributing to High Thermostability of a Hybrid Xylanase. <i>Protein and Peptide Letters</i> , 2014, 21, 657-662.	0.9	2
15	Characterization of a xyloglucanase in biodegradation of woody plant xyloglucan from <i>Caldicellulosiruptor kronotskyensis</i> . <i>BioResources</i> , 2022, 17, 673-681.	1.0	1