

Yilin Le

List of Publications by Year in descending order

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papers

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1040056

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349
citing authors

#	ARTICLE	IF	CITATIONS
1	Transcriptome analysis of the digestive system of a wood-feeding termite (<i>Coptotermes formosanus</i>) revealed a unique mechanism for effective biomass degradation. <i>Biotechnology for Biofuels</i> , 2018, 11, 24.	6.2	37
2	<i>Thermoanaerobacter</i> spp. control ethanol pathway via transcriptional regulation and versatility of key enzymes. <i>Metabolic Engineering</i> , 2010, 12, 420-428.	7.0	35
3	High-level expression of the xylanase from <i>Thermomyces lanuginosus</i> in <i>Escherichia coli</i> . <i>World Journal of Microbiology and Biotechnology</i> , 2008, 24, 275-280.	3.6	27
4	An Approach to the Production of Soluble Protein from a Fungal Gene Encoding an Aggregation-Prone Xylanase in <i>Escherichia coli</i> . <i>PLoS ONE</i> , 2011, 6, e18489.	2.5	21
5	High-level soluble expression of a thermostable xylanase from thermophilic fungus <i>Thermomyces lanuginosus</i> in <i>Escherichia coli</i> via fusion with OsmY protein. <i>Protein Expression and Purification</i> , 2014, 99, 1-5.	1.3	17
6	Consolidated bioprocessing of biomass and synthetic cadmium wastewater substrates for enhancing hydrogen production by <i>Clostridium thermocellum</i> -CdS complex. <i>Fuel</i> , 2022, 316, 123207.	6.4	13
7	<i>Clostridium thermocellum</i> <i>Nitrilase</i> Expression and Surface Display on <i>Bacillus subtilis</i> Spores. <i>Journal of Molecular Microbiology and Biotechnology</i> , 2015, 25, 381-387.	1.0	10
8	Orlistat response to missense mutations in lipoprotein lipase. <i>Biotechnology and Applied Biochemistry</i> , 2017, 64, 464-470.	3.1	10
9	Genome Editing of the Anaerobic Thermophile <i>Thermoanaerobacter ethanolicus</i> Using Thermostable Cas9. <i>Applied and Environmental Microbiology</i> , 2020, 87, .	3.1	10
10	Thermostable DNA Ligase-Mediated PCR Production of Circular Plasmid (PPCP) and Its Application in Directed Evolution via In situ Error-Prone PCR. <i>DNA Research</i> , 2013, 20, 375-382.	3.4	9
11	Development and Use of a Novel Random Mutagenesis Method: In Situ Error-Prone PCR (is-epPCR). <i>Methods in Molecular Biology</i> , 2017, 1498, 497-506.	0.9	9
12	Impact of orientation and flexibility of peptide linkers on <i>T. maritima</i> lipase Tm1350 displayed on <i>Bacillus subtilis</i> spores surface using CotB as fusion partner. <i>World Journal of Microbiology and Biotechnology</i> , 2017, 33, 166.	3.6	8
13	Purification and Characterization of a Hemocyanin (Hemo1) with Potential Lignin-Modification Activities from the Wood-Feeding Termite, <i>Coptotermes formosanus</i> Shiraki. <i>Applied Biochemistry and Biotechnology</i> , 2015, 175, 687-697.	2.9	6
14	Light-driven bio-decolorization of triphenylmethane dyes by a <i>Clostridium thermocellum</i> -CdS biohybrid. <i>Journal of Hazardous Materials</i> , 2022, 431, 128596.	12.4	6
15	Properties of an NAD ⁺ -dependent DNA ligase from the hyperthermophile <i>Thermotoga maritima</i> and its application in PCR amplification of long DNA fragments. <i>Enzyme and Microbial Technology</i> , 2010, 46, 113-117.	3.2	4
16	CRISPR/Cas genome editing systems in thermophiles: Current status, associated challenges, and future perspectives. <i>Advances in Applied Microbiology</i> , 2022, 118, 1-30.	2.4	2