

Robson Tramontina

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

415
citations

759233

12
h-index

888059

17
g-index

20
all docs

20
docs citations

20
times ranked

635
citing authors

#	ARTICLE	IF	CITATIONS
1	Biorefinery Platform for <i>Spathaspora passalidarum</i> NRRL Y-27907 in the Production of Ethanol, Xylitol, and Single Cell Protein from Sugarcane Bagasse. <i>Bioenergy Research</i> , 2022, 15, 1169-1181.	3.9	21
2	Oxidative cleavage of polysaccharides by a termite-derived <i>superoxide dismutase</i> boosts the degradation of biomass by glycoside hydrolases. <i>Green Chemistry</i> , 2022, 24, 4845-4858.	9.0	7
3	On the roles of AA15 lytic polysaccharide monoxygenases derived from the termite <i>Coptotermes gestroi</i> . <i>Journal of Inorganic Biochemistry</i> , 2021, 216, 111316.	3.5	16
4	Microorganisms as bioabatement agents in biomass to bioproducts applications. <i>Biomass and Bioenergy</i> , 2021, 151, 106161.	5.7	14
5	Comparison of <i>Spathaspora passalidarum</i> and recombinant <i>Saccharomyces cerevisiae</i> for integration of first- and second-generation ethanol production. <i>FEMS Yeast Research</i> , 2021, 21, .	2.3	7
6	Consolidated production of coniferol and other high-value aromatic alcohols directly from lignocellulosic biomass. <i>Green Chemistry</i> , 2020, 22, 144-152.	9.0	38
7	Designing a cocktail containing redox enzymes to improve hemicellulosic hydrolysate fermentability by microorganisms. <i>Enzyme and Microbial Technology</i> , 2020, 135, 109490.	3.2	14
8	Enzymatic removal of inhibitory compounds from lignocellulosic hydrolysates for biomass to bioproducts applications. <i>World Journal of Microbiology and Biotechnology</i> , 2020, 36, 166.	3.6	21
9	Redox potential as a key parameter for monitoring and optimization of xylose fermentation with yeast <i>Spathaspora passalidarum</i> under limited-oxygen conditions. <i>Bioprocess and Biosystems Engineering</i> , 2020, 43, 1509-1519.	3.4	27
10	Exopolysaccharides from <i>Aspergillus terreus</i> : Production, chemical elucidation and immunoactivity. <i>International Journal of Biological Macromolecules</i> , 2019, 139, 654-664.	7.5	15
11	Suppression of a single <i>BAHD</i> gene in <i>Setaria viridis</i> causes large, stable decreases in cell wall feruloylation and increases biomass digestibility. <i>New Phytologist</i> , 2018, 218, 81-93.	7.3	91
12	The <i>Coptotermes gestroi</i> aldol-keto reductase: a multipurpose enzyme for biorefinery applications. <i>Biotechnology for Biofuels</i> , 2017, 10, 4.	6.2	27
13	Biochemical and biophysical properties of a metagenome-derived GH5 endoglucanase displaying an unconventional domain architecture. <i>International Journal of Biological Macromolecules</i> , 2017, 99, 384-393.	7.5	22
14	Expanding the Knowledge on Lignocellulolytic and Redox Enzymes of Worker and Soldier Castes from the Lower Termite <i>Coptotermes gestroi</i> . <i>Frontiers in Microbiology</i> , 2016, 7, 1518.	3.5	26
15	Bioethanol production by recycled <i>Scheffersomyces stipitis</i> in sequential batch fermentations with high cell density using xylose and glucose mixture. <i>Bioresource Technology</i> , 2016, 219, 319-329.	9.6	45
16	Cooperation of <i>Aspergillus nidulans</i> enzymes increases plant polysaccharide saccharification. <i>Biotechnology Journal</i> , 2016, 11, 988-992.	3.5	8
17	Characterization of a novel <i>Aspergillus niger</i> beta-glucosidase tolerant to saccharification of lignocellulosic biomass products and fermentation inhibitors. <i>Chemical Papers</i> , 2015, 69, .	2.2	14
18	Heterologous Expression of Carbohydrate-Active Enzymes in Filamentous Fungi. , 2015, , 148-201.		2