

Pedro Maldonado Coutinho

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

7,263
citations

840776

11
h-index

1281871

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docs citations

14
times ranked

11036
citing authors

#	ARTICLE	IF	CITATIONS
1	Intrinsic dynamic behavior of enzyme:substrate complexes govern the catalytic action of β -galactosidases across clan GH-A. <i>Scientific Reports</i> , 2019, 9, 10346.	3.3	16
2	Tracking of enzymatic biomass deconstruction by fungal secretomes highlights markers of lignocellulose recalcitrance. <i>Biotechnology for Biofuels</i> , 2019, 12, 76.	6.2	25
3	Complexity of the <i>Ruminococcus flavefaciens</i> cellulosome reflects an expansion in glycan recognition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 7136-7141.	7.1	58
4	Composting-Like Conditions Are More Efficient for Enrichment and Diversity of Organisms Containing Cellulase-Encoding Genes than Submerged Cultures. <i>PLoS ONE</i> , 2016, 11, e0167216.	2.5	11
5	Closely related fungi employ diverse enzymatic strategies to degrade plant biomass. <i>Biotechnology for Biofuels</i> , 2015, 8, 107.	6.2	111
6	Fast solubilization of recalcitrant cellulosic biomass by the basidiomycete fungus <i>Laetisaria arvalis</i> involves successive secretion of oxidative and hydrolytic enzymes. <i>Biotechnology for Biofuels</i> , 2014, 7, 143.	6.2	53
7	The carbohydrate-active enzymes database (CAZy) in 2013. <i>Nucleic Acids Research</i> , 2014, 42, D490-D495.	14.5	5,443
8	Carbohydrate-related enzymes of important <i>Phytophthora</i> plant pathogens. <i>Fungal Genetics and Biology</i> , 2014, 72, 192-200.	2.1	61
9	Evolution, substrate specificity and subfamily classification of glycoside hydrolase family 5 (GH5). <i>BMC Evolutionary Biology</i> , 2012, 12, 186.	3.2	389
10	An Evolving Hierarchical Family Classification for Glycosyltransferases. <i>Journal of Molecular Biology</i> , 2003, 328, 307-317.	4.2	1,079
11	The Families of Carbohydrate-Active Enzymes in the Genomic Era. <i>Journal of Applied Glycoscience</i> (1999), 2003, 50, 241-244.	0.7	13
12	Carbohydrate-Active Enzymes Database: Principles and Classification of Glycosyltransferases. , 0, , 89-118.		3