

Antonielle Vieira Monclaro

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

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citations

1040056

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338
citing authors

#	ARTICLE	IF	CITATIONS
1	Fungal lytic polysaccharide monooxygenases from family AA9: Recent developments and application in lignocellulose breakdown. <i>International Journal of Biological Macromolecules</i> , 2017, 102, 771-778.	7.5	51
2	LPMO-oxidized cellulose oligosaccharides evoke immunity in <i>Arabidopsis</i> conferring resistance towards necrotrophic fungus <i>B. cinerea</i> . <i>Communications Biology</i> , 2021, 4, 727.	4.4	33
3	Characterization of two family AA9 LPMOs from <i>Aspergillus tamaris</i> with distinct activities on xyloglucan reveals structural differences linked to cleavage specificity. <i>PLoS ONE</i> , 2020, 15, e0235642.	2.5	26
4	A review on the potential of filamentous fungi for microbial self-healing of concrete. <i>Fungal Biology and Biotechnology</i> , 2021, 8, 16.	5.1	23
5	The enzyme interactome concept in filamentous fungi linked to biomass valorization. <i>Bioresource Technology</i> , 2022, 344, 126200.	9.6	19
6	Xylanase from <i>Aspergillus tamaris</i> shows different kinetic parameters and substrate specificity in the presence of ferulic acid. <i>Enzyme and Microbial Technology</i> , 2019, 120, 16-22.	3.2	16
7	Characterization of multiple xylanase forms from <i>Aspergillus tamaris</i> resistant to phenolic compounds. <i>Mycosphere</i> , 2016, 7, 1554-1567.	6.1	13
8	A fast and easy strategy for lytic polysaccharide monooxygenase-cleavable His6-Tag cloning, expression, and purification. <i>Enzyme and Microbial Technology</i> , 2021, 143, 109704.	3.2	12
9	Time-of-day effect on a food-induced conditioned place preference task in monkeys. <i>Behavioural Brain Research</i> , 2014, 259, 336-341.	2.2	9
10	Combination of MALDI-TOF MS and UHPLC-ESI-MS for the characterization of lytic polysaccharide monooxygenase activity. <i>Analytical Methods</i> , 2020, 12, 149-161.	2.7	9
11	Polymer ultrastructure governs AA9 lytic polysaccharide monooxygenases functionalization and deconstruction efficacy on cellulose nano-crystals. <i>Bioresource Technology</i> , 2022, 347, 126375.	9.6	9
12	Evaluation of endoglucanase and xylanase production by <i>Aspergillus tamaris</i> cultivated in agro-industrial lignocellulosic biomasses. <i>Folia Microbiologica</i> , 2022, 67, 721-732.	2.3	4