

Alexandre Maller

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

36
papers

272
citations

9
h-index

14
g-index

44
ext. papers

326
ext. citations

2.5
avg, IF

2.57
L-index

#	Paper	IF	Citations
36	Purification and partial characterization of an exo-polygalacturonase from <i>Paecilomyces variotii</i> liquid cultures. <i>Applied Biochemistry and Biotechnology</i> , 2010 , 160, 1496-507	3.2	29
35	Properties of a purified thermostable glucoamylase from <i>Aspergillus niveus</i> . <i>Journal of Industrial Microbiology and Biotechnology</i> , 2009 , 36, 1439-46	4.2	23
34	Biotechnological Potential of Agro-Industrial Wastes as a Carbon Source to Thermostable Polygalacturonase Production in <i>Aspergillus niveus</i> . <i>Enzyme Research</i> , 2011 , 2011, 289206	2.4	23
33	Biochemical properties of glycosylation and characterization of a histidine acid phosphatase (phytase) expressed in <i>Pichia pastoris</i> . <i>Protein Expression and Purification</i> , 2014 , 99, 43-9	2	20
32	Purification and biochemical characterization of a novel alpha-glucosidase from <i>Aspergillus niveus</i> . <i>Antonie Van Leeuwenhoek</i> , 2009 , 96, 569-78	2.1	18
31	Functional properties of a manganese-activated exo-polygalacturonase produced by a thermotolerant fungus <i>Aspergillus niveus</i> . <i>Folia Microbiologica</i> , 2013 , 58, 615-21	2.8	14
30	Purification, partial characterization, and covalent immobilization-stabilization of an extracellular Amylase from <i>Aspergillus niveus</i> . <i>Folia Microbiologica</i> , 2013 , 58, 495-502	2.8	13
29	Biotechnological potential of alternative carbon sources for production of pectinases by <i>Rhizopus microsporus</i> var. <i>rhizopodiformis</i> . <i>Brazilian Archives of Biology and Technology</i> , 2011 , 54, 141-148	1.8	13
28	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,	1.9	12
27	Analysis of the xynB5 gene encoding a multifunctional GH3-BglX α -glucosidase- α -xylosidase- α -rabinosidase member in <i>Caulobacter crescentus</i> . <i>Antonie Van Leeuwenhoek</i> , 2015 , 108, 993-1007	2.1	9
26	Improvement in the bleaching of kraft pulp with xylanase from <i>Penicillium crustosum</i> FP 11 isolated from the Atlantic forest. <i>Biocatalysis and Biotransformation</i> , 2016 , 34, 119-127	2.5	9
25	The fungal metabolite eugenitin as additive for <i>Aspergillus niveus</i> glucoamylase activation. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2012 , 74, 156-161		9
24	Increase of the phytase production by <i>Aspergillus japonicus</i> and its biocatalyst potential on chicken feed treatment. <i>Journal of Basic Microbiology</i> , 2014 , 54 Suppl 1, S152-60	2.7	9
23	Biotechnological potential of an exo-polygalacturonase of the new strain <i>Penicillium janthinellum</i> VI2R3M: biochemical characterization and clarification of fruit juices. <i>Journal of Applied Microbiology</i> , 2019 , 127, 1706-1715	4.7	7
22	Evidence of high production levels of thermostable dextrinizing and saccharogenic amylases by <i>Aspergillus niveus</i> . <i>African Journal of Biotechnology</i> , 2013 , 12, 1874-1881	0.6	7
21	Use of Cassava Peel as Carbon Source for Production of Amylolytic Enzymes by <i>Aspergillus niveus</i> . <i>International Journal of Food Engineering</i> , 2009 , 5,	1.9	7
20	Tunicamycin inhibition of N-glycosylation of α -glucosidase from <i>Aspergillus niveus</i> : partial influence on biochemical properties. <i>Biotechnology Letters</i> , 2010 , 32, 1449-55	3	6

19	Neosartorya glabra polygalacturonase produced from fruit peels as inducers has the potential for application in passion fruit and apple juices. <i>Brazilian Journal of Food Technology</i> , 2017 , 20,	1.5	5
18	Production, immobilization and application of invertase from new wild strain Cunninghamella echinulata PA3S12MM. <i>Journal of Applied Microbiology</i> , 2021 ,	4.7	4
17	Cloning, expression and characterization of C. crescentus xynA2 gene and application of Xylanase II in the deconstruction of plant biomass. <i>Molecular Biology Reports</i> , 2020 , 47, 4427-4438	2.8	3
16	Caulobacter crescentus Xylosidase II Is Highly Tolerant to Inhibitors Present in Fermentative Processes Involving Lignocellulosic Biomass. <i>Bioenergy Research</i> , 2020 , 13, 301-313	3.1	3
15	Fermentation pH in stirred tank and air-lift bioreactors affects phytase secretion by Aspergillus japonicus differently but not the particle size. <i>Biocatalysis and Biotransformation</i> , 2014 , 32, 39-44	2.5	3
14	Experimental Design for Optimization of Xylosidase Production by A. fumigatus Isolated from the Atlantic Forest (Brazil). <i>Journal of Advances in Biology & Biotechnology</i> , 1-16	3	3
13	Proteomic profile of hemolymph and detection of induced antimicrobial peptides in response to microbial challenge in Diatraea saccharalis (Lepidoptera: Crambidae). <i>Biochemical and Biophysical Research Communications</i> , 2016 , 473, 511-6	3.4	3
12	Endo-xylanase GH11 activation by the fungal metabolite eugenitin. <i>Biotechnology Letters</i> , 2012 , 34, 1487-92		2
11	Upregulation of the clpB gene in response to heat shock and beta-lactam antibiotics in Acinetobacter baumannii. <i>Molecular Biology Reports</i> , 2020 , 47, 1499-1505	2.8	2
10	Production of Hemicellulolytic Enzymes by a Novel Trichoderma koningiopsis 2012A1M and Its Application in the Saccharification of Barley Bagasse. <i>Waste and Biomass Valorization</i> , 1	3.2	2
9	Pectinases Produced by Microorganisms 2013 ,		1
8	Enhance of Cellulase Production and Biomass Degradation by Transformation of the Trichoderma reesei RUT-C30 face1 Strain. <i>Brazilian Archives of Biology and Technology</i> , 63,	1.8	1
7	A THERMOSTABLE XYLANASE FROM A NEW STRAIN OF ASPERGILLUS FUMIGATUS PRESENTS HIGH ABILITY TO HYDROLYZE HEMICELLULOSE FROM CORN STRAW / UMA XILANASE TERMOESTÁVEL DE UMA NOVA ESTIRPE DE ASPERGILLUS FUMIGATUS APRESENTA ELEVADA CAPACIDADE DE	0	1
6	HIDROLISAR HEMICELULOSE A PARTIR DE PALHA DE MILHO. <i>Brazilian Journal of Development</i> , SCREENING OF FILAMENTOUS FUNGI FROM THE ATLANTIC FOREST BIOME PRODUCING ENZYMES OF THE PECTINOLYTIC COMPLEX. <i>Brazilian Journal of Development</i> , 2020 , 6, 57580-57585	0	1
5	Biochemical effect of a histidine phosphatase acid (phytase) of Aspergillus japonicus var. Saito on performance and bony characteristics of broiler. <i>SpringerPlus</i> , 2016 , 5, 1418		1
4	Recombinant cellulase of Caulobacter crescentus: potential applications for biofuels and textile industries. <i>Cellulose</i> , 2021 , 28, 2813-2832	5.5	1
3	Cunninghamella echinulata PA3S12MM invertase: Biochemical characterization of a promiscuous enzyme. <i>Journal of Food Biochemistry</i> , 2021 , 45, e13654	3.3	1
2	Spike protein of SARS-CoV-2 variants: a brief review and practical implications.. <i>Brazilian Journal of Microbiology</i> , 2022 , 1	2.2	1

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AVALIAÇÃO DA ATIVIDADE XILANASE DE CULTIVOS DE FUNGOS MESÓFILO E TERMÓFILO UTILIZANDO RESÍDUOS E SUBPRODUTOS AGRÍCOLAS. *Brazilian Journal of Development*, 2020, 6, 61349-61356