

Alexandre Maller

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/6255287/alexandre-maller-publications-by-year.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Spike protein of SARS-CoV-2 variants: a brief review and practical implications.. <i>Brazilian Journal of Microbiology</i> , 2022 , 1	2.2	1
35	Production, immobilization and application of invertase from new wild strain <i>Cunninghamella echinulata</i> PA3S12MM. <i>Journal of Applied Microbiology</i> , 2021 ,	4.7	4
34	Recombinant cellulase of <i>Caulobacter crescentus</i> : potential applications for biofuels and textile industries. <i>Cellulose</i> , 2021 , 28, 2813-2832	5.5	1
33	<i>Cunninghamella echinulata</i> PA3S12MM invertase: Biochemical characterization of a promiscuous enzyme. <i>Journal of Food Biochemistry</i> , 2021 , 45, e13654	3.3	1
32	Cloning, expression and characterization of <i>C. crescentus</i> 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
31	<i>Caulobacter crescentus</i> 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
30	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
29	HIDROLISAR HEMICELULOSE A PARTIR DE PALHA DE MILHO. <i>Brazilian Journal of Development</i> , AVALIAÇÃO DA ATIVIDADE XILANASE DE CULTIVOS DE FUNGOS MESOFÍLO E TERMÓFILO UTILIZANDO RESÍDUOS E SUBPRODUTOS AGRÍCOLAS. <i>Brazilian Journal of Development</i> , 2020 , 6, 61349-61356	0	1
28	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
27	Upregulation of the <i>clpB</i> gene in response to heat shock and beta-lactam antibiotics in <i>Acinetobacter baumannii</i> . <i>Molecular Biology Reports</i> , 2020 , 47, 1499-1505	2.8	2
26	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
25	<i>Neosartorya glabra</i> 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
24	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
23	Biochemical effect of a histidine phosphatase acid (phytase) of <i>Aspergillus japonicus</i> var. Saito on performance and bony characteristics of broiler. <i>SpringerPlus</i> , 2016 , 5, 1418		1
22	Proteomic profile of hemolymph and detection of induced antimicrobial peptides in response to microbial challenge in <i>Diatraea saccharalis</i> (Lepidoptera: Crambidae). <i>Biochemical and Biophysical Research Communications</i> , 2016 , 473, 511-6	3.4	3
21	Analysis of the <i>xynB5</i> gene encoding a multifunctional GH3-BglX β -glucosidase-xylosidase-arabinosidase member in <i>Caulobacter crescentus</i> . <i>Antonie Van Leeuwenhoek</i> , 2015 , 108, 993-1007	2.1	9
20	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

19	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
18	Fermentation pH in stirred tank and air-lift bioreactors affects phytase secretion by <i>Aspergillus japonicus</i> differently but not the particle size. <i>Biocatalysis and Biotransformation</i> , 2014 , 32, 39-44	2.5	3
17	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
16	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
15	Purification, partial characterization, and covalent immobilization-stabilization of an extracellular α -amylase from <i>Aspergillus niveus</i> . <i>Folia Microbiologica</i> , 2013 , 58, 495-502	2.8	13
14	Pectinases Produced by Microorganisms 2013 ,		1
13	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
12	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
11	Endo-xylanase GH11 activation by the fungal metabolite eugenitin. <i>Biotechnology Letters</i> , 2012 , 34, 1487-92		2
10	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
9	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
8	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
7	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
6	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
5	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
4	Purification and biochemical characterization of a novel α -glucosidase from <i>Aspergillus niveus</i> . <i>Antonie Van Leeuwenhoek</i> , 2009 , 96, 569-78	2.1	18
3	Enhance of Cellulase Production and Biomass Degradation by Transformation of the <i>Trichoderma reesei</i> RUT-C30 Δ face1 Strain. <i>Brazilian Archives of Biology and Technology</i> , 2009 , 63,	1.8	1
2	Experimental Design for Optimization of α -xylosidase Production by <i>A. fumigatus</i> Isolated from the Atlantic Forest (Brazil). <i>Journal of Advances in Biology & Biotechnology</i> , 2009 , 1-16	3	3

1 Production of Hemicellulolytic Enzymes by a Novel *Trichoderma koningiopsis* 2012A1M and Its Application in the Saccharification of Barley Bagasse. *Waste and Biomass Valorization*,1

3.2 2