

Fernando Araripe Gonalves Torres

List of Publications by Citations

Source:

<https://exaly.com/author-pdf/4143769/fernando-araripe-goncalves-torres-publications-by-citations.pdf>

Version: 2024-04-28

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.

61
papers

1,537
citations

21
h-index

38
g-index

63
ext. papers

1,762
ext. citations

4.4
avg, IF

4.15
L-index

#	Paper	IF	Citations
61	Bioethanol from lignocelluloses: Status and perspectives in Brazil. <i>Bioresource Technology</i> , 2010 , 101, 4820-5	11	282
60	Xylose Fermentation by <i>Saccharomyces cerevisiae</i> : Challenges and Prospects. <i>International Journal of Molecular Sciences</i> , 2016 , 17, 207	6.3	168
59	Transcriptional profiles of the human pathogenic fungus <i>Paracoccidioides brasiliensis</i> in mycelium and yeast cells. <i>Journal of Biological Chemistry</i> , 2005 , 280, 24706-14	5.4	123
58	Biochemical characterization of alpha-amylase from the yeast <i>Cryptococcus flavus</i> . <i>FEMS Microbiology Letters</i> , 2004 , 231, 165-9	2.9	83
57	PCR multiplex for detection of <i>Salmonella Enteritidis</i> , <i>Typhi</i> and <i>Typhimurium</i> and occurrence in poultry meat. <i>International Journal of Food Microbiology</i> , 2010 , 139, 15-22	5.8	76
56	Transcriptome characterization of the dimorphic and pathogenic fungus <i>Paracoccidioides brasiliensis</i> by EST analysis. <i>Yeast</i> , 2003 , 20, 263-71	3.4	65
55	Effect of acetic acid present in bagasse hydrolysate on the activities of xylose reductase and xylitol dehydrogenase in <i>Candida guilliermondii</i> . <i>Applied Microbiology and Biotechnology</i> , 2004 , 65, 734-8	5.7	44
54	Enhanced xylose fermentation and ethanol production by engineered <i>Saccharomyces cerevisiae</i> strain. <i>AMB Express</i> , 2015 , 5, 16	4.1	39
53	A novel promising <i>Trichoderma harzianum</i> strain for the production of a cellulolytic complex using sugarcane bagasse in natura. <i>SpringerPlus</i> , 2013 , 2, 656		34
52	Selection and testing of epiphytic yeasts to control anthracnose in post-harvest of papaya fruit. <i>Scientia Horticulturae</i> , 2007 , 111, 179-185	4.1	31
51	Functional expression of <i>Burkholderia cenocepacia</i> xylose isomerase in yeast increases ethanol production from a glucose-xylose blend. <i>Bioresource Technology</i> , 2013 , 128, 792-6	11	29
50	Molecular characterization of the 3-phosphoglycerate kinase gene (PGK1) from the methylotrophic yeast <i>Pichia pastoris</i> . <i>Yeast</i> , 2005 , 22, 725-37	3.4	29
49	Engineering increased thermostability in the GH-10 endo-1,4- β -xylanase from <i>Thermoascus aurantiacus</i> CBMAI 756. <i>International Journal of Biological Macromolecules</i> , 2016 , 93, 20-26	7.9	28
48	Asparaginase production by a recombinant <i>Pichia pastoris</i> strain harbouring <i>Saccharomyces cerevisiae</i> ASP3 gene. <i>Enzyme and Microbial Technology</i> , 2006 , 39, 1457-1463	3.8	28
47	Displaying Lipase B from <i>Candida antarctica</i> in <i>Pichia pastoris</i> Using the Yeast Surface Display Approach: Prospection of a New Anchor and Characterization of the Whole Cell Biocatalyst. <i>PLoS ONE</i> , 2015 , 10, e0141454	3.7	27
46	Enzyme Surface Glycosylation in the Solid Phase: Improved Activity and Selectivity of <i>Candida Antarctica</i> Lipase B. <i>ChemCatChem</i> , 2011 , 3, 1902-1910	5.2	26
45	Expression of a glucose-tolerant beta-glucosidase from <i>Humicola grisea</i> var. <i>thermoidea</i> in <i>Saccharomyces cerevisiae</i> . <i>Applied Biochemistry and Biotechnology</i> , 2010 , 160, 2036-44	3.2	25

44	Xylanases from <i>Cryptococcus flavus</i> isolate I-11: Enzymatic profile, isolation and heterologous expression of CfXYN1 in <i>Saccharomyces cerevisiae</i> . <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2009 , 59, 52-57		24
43	Production of recombinant lipase B from <i>Candida antarctica</i> in <i>Pichia pastoris</i> under control of the promoter PGK using crude glycerol from biodiesel production as carbon source. <i>Biochemical Engineering Journal</i> , 2017 , 118, 123-131	4.2	23
42	Utilization of glycerin byproduct derived from soybean oil biodiesel as a carbon source for heterologous protein production in <i>Pichia pastoris</i> . <i>Bioresource Technology</i> , 2014 , 152, 505-10	11	21
41	Functional genome of the human pathogenic fungus <i>Paracoccidioides brasiliensis</i> . <i>FEMS Immunology and Medical Microbiology</i> , 2005 , 45, 369-81		21
40	Cloning, purification, and partial characterization of <i>Bacillus subtilis</i> urate oxidase expressed in <i>Escherichia coli</i> . <i>Journal of Biomedicine and Biotechnology</i> , 2010 , 2010, 674908		20
39	Combined effects of high hydrostatic pressure and specific fungal cellulase improve coconut husk hydrolysis. <i>Process Biochemistry</i> , 2016 , 51, 1767-1775	4.8	20
38	Genetic characterization and construction of an auxotrophic strain of <i>Saccharomyces cerevisiae</i> JP1, a Brazilian industrial yeast strain for bioethanol production. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2012 , 39, 1673-83	4.2	17
37	Novel insights in genetic transformation of the probiotic yeast <i>Saccharomyces boulardii</i> . <i>Bioengineered</i> , 2014 , 5, 21-9	5.7	16
36	The influence of N-glycosylation on biochemical properties of Amy1, an alpha-amylase from the yeast <i>Cryptococcus flavus</i> . <i>Carbohydrate Research</i> , 2009 , 344, 1682-6	2.9	16
35	Oriented irreversible immobilization of a glycosylated <i>Candida antarctica</i> B lipase on heterofunctional organoborane-aldehyde support. <i>Catalysis Science and Technology</i> , 2011 , 1, 260	5.5	15
34	Biochemical and Structural Characterization of Amy1: An Alpha-Amylase from <i>Cryptococcus flavus</i> Expressed in <i>Saccharomyces cerevisiae</i> . <i>Enzyme Research</i> , 2011 , 2011, 157294	2.4	15
33	<i>Beauveria bassiana</i> Lipase A expressed in <i>Komagataella (Pichia) pastoris</i> with potential for biodiesel catalysis. <i>Frontiers in Microbiology</i> , 2015 , 6, 1083	5.7	14
32	CTT1 overexpression increases life span of calorie-restricted <i>Saccharomyces cerevisiae</i> deficient in Sod1. <i>Biogerontology</i> , 2015 , 16, 343-51	4.5	14
31	Multicopy plasmid integration in <i>Komagataella phaffii</i> mediated by a defective auxotrophic marker. <i>Microbial Cell Factories</i> , 2017 , 16, 99	6.4	13
30	Transcriptional profile of ras1 and ras2 and the potential role of farnesylation in the dimorphism of the human pathogen <i>Paracoccidioides brasiliensis</i> . <i>FEMS Yeast Research</i> , 2008 , 8, 300-10	3.1	13
29	Influence of biomineralization on the physico-mechanical profile of a tropical soil affected by erosive processes. <i>Soil Biology and Biochemistry</i> , 2014 , 74, 98-99	7.5	11
28	Coexpression of cellulases in <i>Pichia pastoris</i> as a self-processing protein fusion. <i>AMB Express</i> , 2015 , 5, 84	4.1	10
27	Overview and perspectives the transcriptome of <i>Paracoccidioides brasiliensis</i> . <i>Revista Iberoamericana De Micologia</i> , 2005 , 22, 203-12	1.6	10

26	A constitutive expression system for <i>Pichia pastoris</i> based on the PGK1 promoter. <i>Biotechnology Letters</i> , 2016 , 38, 509-17	3	9
25	Cloning, molecular characterization and heterologous expression of AMY1, an alpha-amylase gene from <i>Cryptococcus flavus</i> . <i>FEMS Microbiology Letters</i> , 2008 , 280, 189-94	2.9	9
24	pPCV, a versatile vector for cloning PCR products. <i>SpringerPlus</i> , 2013 , 2, 441		8
23	A recombinant multi-epitope protein for hepatitis B diagnosis. <i>BioMed Research International</i> , 2013 , 2013, 148317	3	8
22	Effects of PI3K and FSH on steroidogenesis, viability and embryo development of the cumulus-oocyte complex after in vitro culture. <i>Zygote</i> , 2018 , 26, 50-61	1.6	8
21	Development of an IP-Free Biotechnology Platform for Constitutive Production of HPV16 L1 Capsid Protein Using the <i>Pichia pastoris</i> PGK1 Promoter. <i>BioMed Research International</i> , 2015 , 2015, 594120	3	7
20	Xylitol dehydrogenase from <i>Candida tropicalis</i> : molecular cloning of the gene and structural analysis of the protein. <i>Applied Microbiology and Biotechnology</i> , 2006 , 73, 631-9	5.7	7
19	Molecular strategies to increase the levels of heterologous transcripts in <i>Komagataella phaffii</i> for protein production. <i>Bioengineered</i> , 2017 , 8, 441-445	5.7	5
18	Culture of bovine ovarian follicle wall sections maintained the highly estrogenic profile under basal and chemically defined conditions. <i>Brazilian Journal of Medical and Biological Research</i> , 2013 , 46, 700-7	2.8	5
17	Expression of a kexin-like gene from the human pathogenic fungus <i>Paracoccidioides brasiliensis</i> in <i>Saccharomyces cerevisiae</i> . <i>Medical Mycology</i> , 2008 , 46, 385-8	3.9	5
16	Expression, purification, and characterization of asparaginase II from <i>Saccharomyces cerevisiae</i> in <i>Escherichia coli</i> . <i>Protein Expression and Purification</i> , 2019 , 159, 21-26	2	4
15	Characterisation of the heat shock factor of the human thermophilic pathogen <i>Paracoccidioides lutzii</i> . <i>Fungal Genetics and Biology</i> , 2011 , 48, 947-55	3.9	4
14	A Novel Structurally Stable Multi-epitope Protein for Detection of HCV. <i>Hepatitis Research and Treatment</i> , 2016 , 2016, 6592143		4
13	Increase of <i>Candida antarctica</i> lipase B production under PGK promoter in <i>Pichia pastoris</i> : effect of multicopies. <i>Brazilian Journal of Microbiology</i> , 2019 , 50, 405-413	2.2	3
12	Acetamidase as a dominant recyclable marker for <i>Komagataella phaffii</i> strain engineering. <i>Applied Microbiology and Biotechnology</i> , 2018 , 102, 2753-2761	5.7	3
11	Reclassification of <i>Candida guilliermondii</i> FTI 20037 as <i>Candida tropicalis</i> based on molecular phylogenetic analysis. <i>Brazilian Journal of Microbiology</i> , 2014 , 34, 96-98	2.2	3
10	A study on the use of strain-specific and homologous promoters for heterologous expression in industrial <i>Saccharomyces cerevisiae</i> strains. <i>AMB Express</i> , 2018 , 8, 82	4.1	3
9	Optogenetic strategies for the control of gene expression in yeasts. <i>Biotechnology Advances</i> , 2021 , 54, 107839	17.8	3

8	Construction and characterization of centromeric plasmids for <i>Komagataella phaffii</i> using a color-based plasmid stability assay. <i>PLoS ONE</i> , 2020 , 15, e0235532	3.7	2
7	A Custom-Designed Recombinant Multi-epitope Protein for Human Cytomegalovirus Diagnosis. <i>Recent Patents on Biotechnology</i> , 2019 , 13, 316-328	2.2	2
6	Engineering for the Production of Xylonic Acid from Sugarcane Bagasse Hydrolysate. <i>Microorganisms</i> , 2021 , 9,	4.9	2
5	Insertion of the LINE-1 element in the C-MYC gene and immunoreactivity of C-MYC, p53, p21 and p27 proteins in different morphological patterns of the canine TVT. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2016 , 68, 658-666	0.3	2
4	Draft Genome Sequence of FT9, a Novel <i>Bacillus cereus</i> Strain Isolated from a Brazilian Thermal Spring. <i>Genome Announcements</i> , 2014 , 2,		1
3	<i>Lutzomyia whitmani</i> is the main vector of American Cutaneous Leishmaniasis in the Brazilian Federal District and the most prevalent species in residential areas of the Administrative Region of Sobradinho. <i>Anais Brasileiros De Dermatologia</i> , 2014 , 89, 372-4	1.6	
2	New vectors derived from pUC 18 for clonal and thermal-induced expression in <i>Escherichia coli</i> . <i>Brazilian Journal of Microbiology</i> , 2009 , 40, 778-81	2.2	
1	GGR (Geranylgeranyl Reductase) Expression Affects the Allelopathic Response to Arabidopsis Allelochemicals. <i>Journal of Agricultural Science</i> , 2018 , 10, 122		1