

Fernando Araripe Gonalves Torres

List of Publications by Year in Descending Order

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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.

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	Engineering for the Production of Xylonic Acid from Sugarcane Bagasse Hydrolysate. <i>Microorganisms</i> , 2021 , 9,	4.9	2
60	Optogenetic strategies for the control of gene expression in yeasts. <i>Biotechnology Advances</i> , 2021 , 54, 107839	17.8	3
59	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
58	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
57	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
56	A Custom-Designed Recombinant Multi-epitope Protein for Human Cytomegalovirus Diagnosis. <i>Recent Patents on Biotechnology</i> , 2019 , 13, 316-328	2.2	2
55	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
54	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
53	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
52	GGR (Geranylgeranyl Reductase) Expression Affects the Allelopathic Response to Arabidopsis Allelochemicals. <i>Journal of Agricultural Science</i> , 2018 , 10, 122	1	
51	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
50	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
49	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
48	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
47	A constitutive expression system for <i>Pichia pastoris</i> based on the PGK1 promoter. <i>Biotechnology Letters</i> , 2016 , 38, 509-17	3	9
46	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
45	A Novel Structurally Stable Multi-epitope Protein for Detection of HCV. <i>Hepatitis Research and Treatment</i> , 2016 , 2016, 6592143		4

44	Xylose Fermentation by <i>Saccharomyces cerevisiae</i> : Challenges and Prospects. <i>International Journal of Molecular Sciences</i> , 2016 , 17, 207	6.3	168
43	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
42	Enhanced xylose fermentation and ethanol production by engineered <i>Saccharomyces cerevisiae</i> strain. <i>AMB Express</i> , 2015 , 5, 16	4.1	39
41	<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
40	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
39	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
38	Coexpression of cellulases in <i>Pichia pastoris</i> as a self-processing protein fusion. <i>AMB Express</i> , 2015 , 5, 84	4.1	10
37	CTT1 overexpression increases life span of calorie-restricted <i>Saccharomyces cerevisiae</i> deficient in <i>Sod1</i> . <i>Biogerontology</i> , 2015 , 16, 343-51	4.5	14
36	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
35	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
34	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
33	<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	
32	Novel insights in genetic transformation of the probiotic yeast <i>Saccharomyces boulardii</i> . <i>Bioengineered</i> , 2014 , 5, 21-9	5.7	16
31	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
30	pPCV, a versatile vector for cloning PCR products. <i>SpringerPlus</i> , 2013 , 2, 441		8
29	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
28	A recombinant multi-epitope protein for hepatitis B diagnosis. <i>BioMed Research International</i> , 2013 , 2013, 148317	3	8
27	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

26	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
25	Characterisation of the heat shock factor of the human thermomorphic pathogen <i>Paracoccidioides lutzii</i> . <i>Fungal Genetics and Biology</i> , 2011 , 48, 947-55	3.9	4
24	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
23	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
22	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
21	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
20	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
19	PCR multiplex for detection of <i>Salmonella</i> Enteritidis, Typhi and Typhimurium and occurrence in poultry meat. <i>International Journal of Food Microbiology</i> , 2010 , 139, 15-22	5.8	76
18	Bioethanol from lignocelluloses: Status and perspectives in Brazil. <i>Bioresource Technology</i> , 2010 , 101, 4820-5	11	282
17	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
16	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
15	New vectors derives from pUC 18 for clonig and thermal-induced expression in <i>Escherichia coli</i> . <i>Brazilian Journal of Microbiology</i> , 2009 , 40, 778-81	2.2	
14	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
13	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
12	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
11	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
10	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
9	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

8	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
7	Overview and perspectives the transcriptome of <i>Paracoccidioides brasiliensis</i> . <i>Revista Iberoamericana De Micologia</i> , 2005 , 22, 203-12	1.6	10
6	Functional genome of the human pathogenic fungus <i>Paracoccidioides brasiliensis</i> . <i>FEMS Immunology and Medical Microbiology</i> , 2005 , 45, 369-81		21
5	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
4	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
3	Biochemical characterization of alpha-amylase from the yeast <i>Cryptococcus flavus</i> . <i>FEMS Microbiology Letters</i> , 2004 , 231, 165-9	2.9	83
2	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
1	Reclassification of <i>Candida guilliermondii</i> FTI 20037 as <i>Candida tropicalis</i> based on molecular phylogenetic analysis. <i>Brazilian Journal of Microbiology</i> , 34 , 96-98	2.2	3