

Cecília Leão

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

2,343
citations

201385

27
h-index

243296

44
g-index

50
all docs

50
docs citations

50
times ranked

4685
citing authors

#	ARTICLE	IF	CITATIONS
1	Caloric restriction or catalase inactivation extends yeast chronological lifespan by inducing H ₂ O ₂ and superoxide dismutase activity. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 15123-15128.	3.3	241
2	Effects of ethanol and other alkanols on passive proton influx in the yeast <i>Saccharomyces cerevisiae</i> . Biochimica Et Biophysica Acta - Biomembranes, 1984, 774, 43-48.	1.4	180
3	Mechanisms regulating the transport of acetic acid in <i>Saccharomyces cerevisiae</i> . Microbiology (United Kingdom), 1996, 142, 1385-1390.	0.7	176
4	Effects of ethanol and other alkanols on the glucose transport system of <i>Saccharomyces cerevisiae</i> . Biotechnology and Bioengineering, 1982, 24, 2601-2604.	1.7	128
5	NO-mediated apoptosis in yeast. Journal of Cell Science, 2007, 120, 3279-3288.	1.2	114
6	Mechanisms underlying the transport and intracellular metabolism of acetic acid in the presence of glucose in the yeast <i>Zygosaccharomyces bailii</i> . Microbiology (United Kingdom), 1998, 144, 665-670.	0.7	89
7	Yeast protein expression profile during acetic acid-induced apoptosis indicates causal involvement of the TOR pathway. Proteomics, 2009, 9, 720-732.	1.3	82
8	Effects of ethanol and other alkanols on the kinetics and the activation parameters of thermal death in <i>Saccharomyces cerevisiae</i> . Biotechnology and Bioengineering, 1982, 24, 1581-1590.	1.7	69
9	The production of hydrogen sulphide and other aroma compounds by wine strains of <i>Saccharomyces cerevisiae</i> in synthetic media with different nitrogen concentrations. Journal of Industrial Microbiology and Biotechnology, 2009, 36, 571-583.	1.4	66
10	Ethanol tolerance of sugar transport, and the rectification of stuck wine fermentations. Microbiology (United Kingdom), 2008, 154, 422-430.	0.7	64
11	The Genome Sequence of the Highly Acetic Acid-Tolerant <i>Zygosaccharomyces bailii</i> -Derived Interspecies Hybrid Strain ISA1307, Isolated From a Sparkling Wine Plant. DNA Research, 2014, 21, 299-313.	1.5	62
12	Transport of lactate and other short-chain monocarboxylates in the yeast <i>Candida utilis</i> . Applied Microbiology and Biotechnology, 1986, 23, 389-393.	1.7	61
13	The putative monocarboxylate permeases of the yeast <i>Saccharomyces cerevisiae</i> do not transport monocarboxylic acids across the plasma membrane. Yeast, 2001, 18, 1131-1143.	0.8	60
14	Effects of ethanol and other alkanols on the general amino acid permease of <i>Saccharomyces cerevisiae</i> . Biotechnology and Bioengineering, 1984, 26, 403-405.	1.7	59
15	Effects of ethanol and other alkanols on the ammonium transport system of <i>Saccharomyces cerevisiae</i> . Biotechnology and Bioengineering, 1983, 25, 2085-2089.	1.7	58
16	Transport of malic acid in the yeast <i>Schizosaccharomyces pombe</i> : Evidence for proton-dicarboxylate symport. Yeast, 1992, 8, 1025-1031.	0.8	58
17	Nitric Oxide Signaling Is Disrupted in the Yeast Model for Batten Disease. Molecular Biology of the Cell, 2007, 18, 2755-2767.	0.9	56
18	Genome-wide identification of genes involved in the positive and negative regulation of acetic acid-induced programmed cell death in <i>Saccharomyces cerevisiae</i> . BMC Genomics, 2013, 14, 838.	1.2	50

#	ARTICLE	IF	CITATIONS
19	Sugar Metabolism in Yeasts: an Overview of Aerobic and Anaerobic Glucose Catabolism. , 2006, , 101-121.		49
20	Low auxotrophy-complementing amino acid concentrations reduce yeast chronological life span. Mechanisms of Ageing and Development, 2007, 128, 383-391.	2.2	49
21	Dynamics of yeast populations recovered from decaying leaves in a nonpolluted stream: a 2-year study on the effects of leaf litter type and decomposition time. FEMS Yeast Research, 2007, 7, 595-603.	1.1	42
22	Ammonium Is Toxic for Aging Yeast Cells, Inducing Death and Shortening of the Chronological Lifespan. PLoS ONE, 2012, 7, e37090.	1.1	42
23	Dietary Restriction and Nutrient Balance in Aging. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-10.	1.9	41
24	Freeze tolerance of the yeast <i>Torulaspora delbrueckii</i> : cellular and biochemical basis. FEMS Microbiology Letters, 2004, 240, 7-14.	0.7	40
25	Invertebrate and Microbial Colonisation in Native and Exotic Leaf Litter Species in a Mountain Stream. International Review of Hydrobiology, 2001, 86, 527-540.	0.5	36
26	Utilization of short-chain monocarboxylic acids by the yeast <i>Torulaspora delbrueckii</i> : Specificity of the transport systems and their regulation. Biochimica Et Biophysica Acta - Molecular Cell Research, 1995, 1267, 122-130.	1.9	34
27	The Fate of Acetic Acid during Glucose Co-Metabolism by the Spoilage Yeast <i>Zygosaccharomyces bailii</i> . PLoS ONE, 2012, 7, e52402.	1.1	33
28	Effects of ethanol and other alkanols on the temperature relations of glucose transport and fermentation in <i>Saccharomyces cerevisiae</i> . Applied Microbiology and Biotechnology, 1985, 22, 359-363.	1.7	29
29	Accumulation of Non-Superoxide Anion Reactive Oxygen Species Mediates Nitrogen-Limited Alcoholic Fermentation by <i>Saccharomyces cerevisiae</i> . Applied and Environmental Microbiology, 2010, 76, 7918-7924.	1.4	28
30	The Spoilage Yeast <i>Zygosaccharomyces bailii</i> Forms Mitotic Spores: a Screening Method for Haploidization. Applied and Environmental Microbiology, 2003, 69, 649-653.	1.4	25
31	Cell Cycle Analysis of Yeasts. Current Protocols in Cytometry, 2000, 13, Unit 11.13.	3.7	23
32	An atypical active cell death process underlies the fungicidal activity of ciclopirox olamine against the yeast <i>Saccharomyces cerevisiae</i> . FEMS Yeast Research, 2007, 7, 404-412.	1.1	23
33	Utilization and Transport of Acetic Acid in <i>Dekkera anomala</i> and Their Implications on the Survival of the Yeast in Acidic Environments. Journal of Food Protection, 2000, 63, 96-101.	0.8	22
34	Ammonium is a key determinant on the dietary restriction of yeast chronological aging in culture medium. Oncotarget, 2015, 6, 6511-6523.	0.8	20
35	Distinctive electrophoretic isoenzyme profiles in <i>Saccharomyces sensu stricto</i> . International Journal of Systematic and Evolutionary Microbiology, 1999, 49, 1907-1913.	0.8	18
36	Yeast and Macroinvertebrate Communities Associated with Leaf Litter Decomposition in a Second Order Stream. International Review of Hydrobiology, 2004, 89, 453-466.	0.5	15

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37	Growth Culture Conditions and Nutrient Signaling Modulating Yeast Chronological Longevity. <i>Oxidative Medicine and Cellular Longevity</i> , 2012, 2012, 1-10.	1.9	14
38	Ammonium-Dependent Shortening of CLS in Yeast Cells Starved for Essential Amino Acids Is Determined by the Specific Amino Acid Deprived, through Different Signaling Pathways. <i>Oxidative Medicine and Cellular Longevity</i> , 2013, 2013, 1-10.	1.9	14
39	Quantitative analysis of proton movements associated with the uptake of weak carboxylic acids. The yeast <i>Candida utilis</i> as a model. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1993, 1153, 59-66.	1.4	13
40	Isolation of an acetyl-CoA synthetase gene (ZbACS2) from <i>Zygosaccharomyces bailii</i> . <i>Yeast</i> , 2004, 21, 325-331.	0.8	13
41	Reconstitution of lactate proton symport activity in plasma membrane vesicles from the yeast <i>Candida utilis</i> . , 1996, 12, 1263-1272.		11
42	Nitrogen and carbon source balance determines longevity, independently of fermentative or respiratory metabolism in the yeast <i>Saccharomyces cerevisiae</i> . <i>Oncotarget</i> , 2016, 7, 23033-23042.	0.8	11
43	Mitochondrial proteomics of the acetic acid - induced programmed cell death response in a highly tolerant <i>Zygosaccharomyces bailii</i> - derived hybrid strain. <i>Microbial Cell</i> , 2016, 3, 65-78.	1.4	11
44	Isoenzyme Patterns: A Valuable Molecular Tool for the Differentiation of <i>Zygosaccharomyces</i> Species and Detection of Misidentified Isolates. <i>Systematic and Applied Microbiology</i> , 2004, 27, 436-442.	1.2	9
45	Functional Purification of the Monocarboxylate Transporter of the Yeast <i>Candida utilis</i> . <i>Biotechnology Letters</i> , 2006, 28, 1221-1226.	1.1	3
46	Nicolau van Uden, a life with yeasts (1921-1991). <i>IUBMB Life</i> , 2012, 64, 556-560.	1.5	1
47	Transport of acetate in mutants of <i>Saccharomyces cerevisiae</i> defective in monocarboxylate permeases. , 0, .		1
48	Gene Disruption in the Yeast <i>Kluyveromyces lactis</i> . , 2003, , 161-167.		0
49	Use of a Differential Culture Medium for the Enumeration of <i>Zygosaccharomyces bailii</i> , <i>Saccharomyces cerevisiae</i> and <i>Pichia membranifaciens</i> in Wine. , 2003, , 457-462.		0
50	<i>Zygosaccharomyces bailii</i> : A Yeast With a Peculiar Pattern for the Regulation of Acetic Acid Metabolism in the Presence of Glucose. , 2003, , 409-416.		0