CecÃ-lia LeÃ£o

List of Publications by Year
in descending order

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	Nitrogen and carbon source balance determines longevity, independently of fermentative or respiratory metabolism in the yeast <i>Saccharomyces cerevisiae</i>. Oncotarget, 2016, 7, 23033-23042.	0.8	11
2	Dietary Restriction and Nutrient Balance in Aging. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-10.	1.9	41
3	Mitochondrial proteomics of the acetic acid - induced programmed cell death response in a highly tolerant Zygosaccharomyces bailii - derived hybrid strain. Microbial Cell, 2016, 3, 65-78.	1.4	11
4	Ammonium is a key determinant on the dietary restriction of yeast chronological aging in culture medium. Oncotarget, 2015, 6, 6511-6523.	0.8	20
5	The Genome Sequence of the Highly Acetic Acid-Tolerant Zygosaccharomyces bailii-Derived Interspecies Hybrid Strain ISA1307, Isolated From a Sparkling Wine Plant. DNA Research, 2014, 21, 299-313.	1.5	62
6	Genome-wide identification of genes involved in the positive and negative regulation of acetic acid-induced programmed cell death in Saccharomyces cerevisiae. BMC Genomics, 2013, 14, 838.	1.2	50
7	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. Oxidative Medicine and Cellular Longevity, 2013, 2013, 1-10.	1.9	14
8	Ammonium Is Toxic for Aging Yeast Cells, Inducing Death and Shortening of the Chronological Lifespan. PLoS ONE, 2012, 7, e37090.	1.1	42
9	The Fate of Acetic Acid during Glucose Co-Metabolism by the Spoilage Yeast Zygosaccharomyces bailii. PLoS ONE, 2012, 7, e52402.	1.1	33
10	Growth Culture Conditions and Nutrient Signaling Modulating Yeast Chronological Longevity. Oxidative Medicine and Cellular Longevity, 2012, 2012, 1-10.	1.9	14
11	Nicolau van Uden, a life with yeasts (1921â€“1991). IUBMB Life, 2012, 64, 556-560.	1.5	1
12	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
13	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
14	The production of hydrogen sulphide and other aroma compounds by wine strains of Saccharomyces cerevisiae in synthetic media with different nitrogen concentrations. Journal of Industrial Microbiology and Biotechnology, 2009, 36, 571-583.	1.4	66
15	Yeast protein expression profile during acetic acidâ€induced apoptosis indicates causal involvement of the TOR pathway. Proteomics, 2009, 9, 720-732.	1.3	82
16	Ethanol tolerance of sugar transport, and the rectification of stuck wine fermentations. Microbiology (United Kingdom), 2008, 154, 422-430.	0.7	64
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	NO-mediated apoptosis in yeast. Journal of Cell Science, 2007, 120, 3279-3288.	1.2	114

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19	An atypical active cell death process underlies the fungicidal activity of ciclopirox olamine against the yeastSaccharomyces cerevisiae. FEMS Yeast Research, 2007, 7, 404-412.	1.1	23
20	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
21	Low auxotrophy-complementing amino acid concentrations reduce yeast chronological life span. Mechanisms of Ageing and Development, 2007, 128, 383-391.	2.2	49
22	Sugar Metabolism in Yeasts: an Overview of Aerobic and Anaerobic Glucose Catabolism. , 2006, , 101-121.		49
23	Functional Purification of the Monocarboxylate Transporter of the Yeast Candida utilis. Biotechnology Letters, 2006, 28, 1221-1226.	1.1	3
24	Isoenzyme Patterns: A Valuable Molecular Tool for the Differentiation of Zygosaccharomyces Species and Detection of Misidentified Isolates. Systematic and Applied Microbiology, 2004, 27, 436-442.	1.2	9
25	Freeze tolerance of the yeastTorulaspora delbrueckii: cellular and biochemical basis. FEMS Microbiology Letters, 2004, 240, 7-14.	0.7	40
26	Isolation of an acetyl-CoA synthetase gene(ZbACS2) fromZygosaccharomyces bailii. Yeast, 2004, 21, 325-331.	0.8	13
27	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
28	Gene Disruption in the Yeast Kluyveromyces lactis. , 2003, , 161-167.		0
29	The Spoilage Yeast Zygosaccharomyces bailii Forms Mitotic Spores: a Screening Method for Haploidization. Applied and Environmental Microbiology, 2003, 69, 649-653.	1.4	25
30	Use of a Differential Culture Medium for the Enumeration of Zygosaccharomyces bailii, Saccharomyces cerevisiae and Pichia membranifaciens in Wine. , 2003, , 457-462.		0
31	Zygosaccharomyces bailii: A Yeast With a Peculiar Pattern for the Regulation of Acetic Acid Metabolism in the Presence of Glucose. , 2003, , 409-416.		0
32	The putative monocarboxylate permeases of the yeastSaccharomyces cerevisiaedo not transport monocarboxylic acids across the plasma membrane. Yeast, 2001, 18, 1131-1143.	0.8	60
33	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
34	Utilization and Transport of Acetic Acid in Dekkera anomala and Their Implications on the Survival of the Yeast in Acidic Environments. Journal of Food Protection, 2000, 63, 96-101.	0.8	22
35	Cell Cycle Analysis of Yeasts. Current Protocols in Cytometry, 2000, 13, Unit 11.13.	3.7	23
36	Distinctive electrophoretic isoenzyme profiles in Saccharomyces sensu stricto. International Journal of Systematic and Evolutionary Microbiology, 1999, 49, 1907-1913.	0.8	18

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37	Mechanisms underlying the transport and intracellular metabolism of acetic acid in the presence of glucose in the yeast Zygosaccharomyces bailii. Microbiology (United Kingdom), 1998, 144, 665-670.	0.7	89
38	Reconstitution of lactate proton symport activity in plasma membrane vesicles from the yeastCandida utilis. , 1996, 12, 1263-1272.		11
39	Mechanisms regulating the transport of acetic acid in Saccharomyces cerevisiae. Microbiology (United Kingdom), 1996, 142, 1385-1390.	0.7	176
40	Utilization of short-chain monocarboxylic acids by the yeast Torulaspora delbrueckii: Specificity of the transport systems and their regulation. Biochimica Et Biophysica Acta - Molecular Cell Research, 1995, 1267, 122-130.	1.9	34
41	Quantitative analysis of proton movements associated with the uptake of weak carboxylic acids. The yeast Candida utilis as a model. Biochimica Et Biophysica Acta - Biomembranes, 1993, 1153, 59-66.	1.4	13
42	Transport of malic acid in the yeastSchizosaccharomyces pombe: Evidence for proton-dicarboxylate symport. Yeast, 1992, 8, 1025-1031.	0.8	58
43	Transport of lactate and other short-chain monocarboxylates in the yeast Candida utilis. Applied Microbiology and Biotechnology, 1986, 23, 389-393.	1.7	61
44	Effects of ethanol and other alkanols on the temperature relations of glucose transport and fermentation inSaccharomyces cerevisiae. Applied Microbiology and Biotechnology, 1985, 22, 359-363.	1.7	29
45	Effects of ethanol and other alkanols on the general amino acid permease ofSaccharomyces cerevisiae. Biotechnology and Bioengineering, 1984, 26, 403-405.	1.7	59
46	Effects of ethanol and other alkanols on passive proton influx in the yeast Saccharomyces cerevisiae. Biochimica Et Biophysica Acta - Biomembranes, 1984, 774, 43-48.	1.4	180
47	Effects of ethanol and other alkanols on the ammonium transport system ofSaccharomyces cerevisiae. Biotechnology and Bioengineering, 1983, 25, 2085-2089.	1.7	58
48	Effects of ethanol and other alkanols on the kinetics and the activation parameters of thermal death inSaccharomyces cerevisiae. Biotechnology and Bioengineering, 1982, 24, 1581-1590.	1.7	69
49	Effects of ethanol and other alkanols on the glucose transport system ofSaccharomyces cerevisiae. Biotechnology and Bioengineering, 1982, 24, 2601-2604.	1.7	128
50	Transport of acetate in mutants of Saccharomyces cerevisiae defective in monocarboxylate permeases. , 0, .		1