BelÃ©m Sampaio-Marques

List of Publications by Year
in descending order

42 papers	2,831 citations	411340 20 h-index	312153 41 g-index
42 all docs	42 docs citations	42 times ranked	7006 citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 742 Td	4.3	1,430
2	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
3	NO-mediated apoptosis in yeast. Journal of Cell Science, 2007, 120, 3279-3288.	1.2	114
4	SNCA (Î±-synuclein)-induced toxicity in yeast cells is dependent on Sir2-mediated mitophagy. Autophagy, 2012, 8, 1494-1509.	4.3	113
5	Dysregulation of autophagy and stress granule-related proteins in stress-driven Tau pathology. Cell Death and Differentiation, 2019, 26, 1411-1427.	5.0	80
6	Drug-induced apoptosis in yeast. Biochimica Et Biophysica Acta - Molecular Cell Research, 2008, 1783, 1436-1448.	1.9	62
7	Cdc42p controls yeast-cell shape and virulence of Paracoccidioides brasiliensis. Fungal Genetics and Biology, 2009, 46, 919-926.	0.9	54
8	Low auxotrophy-complementing amino acid concentrations reduce yeast chronological life span. Mechanisms of Ageing and Development, 2007, 128, 383-391.	2.2	49
9	Bioresorbable ureteral stents from natural origin polymers. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2015, 103, 608-617.	1.6	46
10	Lipocalin-2 regulates adult neurogenesis and contextual discriminative behaviours. Molecular Psychiatry, 2018, 23, 1031-1039.	4.1	44
11	Targeting Metabolic Reprogramming in Acute Myeloid Leukemia. Cells, 2019, 8, 967.	1.8	43
12	Glyceraldehyde-3-phosphate dehydrogenase (GAPDH) is a specific substrate of yeast metacaspase. Biochimica Et Biophysica Acta - Molecular Cell Research, 2011, 1813, 2044-2049.	1.9	39
13	Cell sheet engineering using the stromal vascular fraction of adipose tissue as a vascularization strategy. Acta Biomaterialia, 2017, 55, 131-143.	4.1	34
14	Longevity pathways and maintenance of the proteome: the role of autophagy and mitophagy during yeast ageing. Microbial Cell, 2014, 1, 118-127.	1.4	30
15	Exploitation of new chalcones and 4H-chromenes as agents for cancer treatment. European Journal of Medicinal Chemistry, 2018, 157, 101-114.	2.6	29
16	Accumulation of Non-Superoxide Anion Reactive Oxygen Species Mediates Nitrogen-Limited Alcoholic Fermentation by Saccharomyces cerevisiae. Applied and Environmental Microbiology, 2010, 76, 7918-7924.	1.4	28
17	Neurodevelopmental delay in the Cln3^{Î”ex7/8} mouse model for Batten disease. Genes, Brain and Behavior, 2009, 8, 337-345.	1.1	27
18	Proteomic Analysis of the Action of the Mycobacterium ulcerans Toxin Mycolactone: Targeting Host Cells Cytoskeleton and Collagen. PLoS Neglected Tropical Diseases, 2014, 8, e3066.	1.3	27

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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	Involvement of Yeast HSP90 Isoforms in Response to Stress and Cell Death Induced by Acetic Acid. PLoS ONE, 2013, 8, e71294.	1.1	21
21	Caloric restriction alleviates alpha-synuclein toxicity in aged yeast cells by controlling the opposite roles of Tor1 and Sir2 on autophagy. Mechanisms of Ageing and Development, 2017, 161, 270-276.	2.2	21
22	Yeast at the Forefront of Research on Ageing and Age-Related Diseases. Progress in Molecular and Subcellular Biology, 2019, 58, 217-242.	0.9	21
23	Yeast chronological lifespan and proteotoxic stress: is autophagy good or bad?. Biochemical Society Transactions, 2011, 39, 1466-1470.	1.6	20
24	Unravelling the anticancer potential of functionalized chromeno[2,3-b]pyridines for breast cancer treatment. Bioorganic Chemistry, 2020, 100, 103942.	2.0	20
25	An alternative respiratory pathway on Candida krusei: implications on susceptibility profile and oxidative stress. FEMS Yeast Research, 2012, 12, 423-429.	1.1	19
26	Î±â€Synuclein toxicity in yeast and human cells is caused by cell cycle reâ€entry and autophagy degradation of ribonucleotide reductase 1. Aging Cell, 2019, 18, e12922.	3.0	19
27	Transcriptomic and chemogenomic analyses unveil the essential role of Com2-regulon in response and tolerance of Saccharomyces cerevisiae to stress induced by sulfur dioxide. Microbial Cell, 2019, 6, 509-523.	1.4	18
28	DNA replication stress-induced loss of reproductive capacity inS. cerevisiaeand its inhibition by caloric restriction. Cell Cycle, 2013, 12, 1189-1200.	1.3	16
29	Increasing the Fungicidal Action of Amphotericin B by Inhibiting the Nitric Oxide-Dependent Tolerance Pathway. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-17.	1.9	16
30	The antifungal plant defensin HsAFP1 induces autophagy, vacuolar dysfunction and cell cycle impairment in yeast. Biochimica Et Biophysica Acta - Biomembranes, 2020, 1862, 183255.	1.4	16
31	Linking cellular proteostasis to yeast longevity. FEMS Yeast Research, 2018, 18, .	1.1	15
32	Signalling mechanisms that regulate metabolic profile and autophagy of acute myeloid leukaemia cells. Journal of Cellular and Molecular Medicine, 2018, 22, 4807-4817.	1.6	14
33	Caloric restriction rescues yeast cells from alpha-synuclein toxicity through autophagic control of proteostasis. Aging, 2018, 10, 3821-3833.	1.4	13
34	Proteolytic systems and AMP-activated protein kinase are critical targets of acute myeloid leukemia therapeutic approaches. Oncotarget, 2015, 6, 31428-31440.	0.8	13
35	Assessing Autophagy in Archived Tissue or How to Capture Autophagic Flux from a Tissue Snapshot. Biology, 2020, 9, 59.	1.3	12
36	Sirtuins and Proteolytic Systems: Implications for Pathogenesis of Synucleinopathies. Biomolecules, 2015, 5, 735-757.	1.8	11

#	Article	IF	Citations
37	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
38	AMPK in Pathogens. Exs, 2016, 107, 287-323.	1.4	8
39	Elucidating the mechanisms of action of parecoxib in the MG-63 osteosarcoma cell line. Anti-Cancer Drugs, 2020, 31, 507-517.	0.7	7
40	Functional Genetic Variants in ATG10 Are Associated with Acute Myeloid Leukemia. Cancers, 2021, 13, 1344.	1.7	4
41	Polymorphisms within Autophagy-Related Genes Influence the Risk of Developing Colorectal Cancer: A Meta-Analysis of Four Large Cohorts. Cancers, 2021, 13, 1258.	1.7	3
42	Innovative, integrative, and interactive inâ€€class activity on metabolic regulation: Evaluating educational impacts. Biochemistry and Molecular Biology Education, 2021, 49, 870-881.	0.5	0