

# Belã©m Sampaio-Marques

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Functional Genetic Variants in ATG10 Are Associated with Acute Myeloid Leukemia. <i>Cancers</i> , 2021, 13, 1344.	1.7	4
2	Polymorphisms within Autophagy-Related Genes Influence the Risk of Developing Colorectal Cancer: A Meta-Analysis of Four Large Cohorts. <i>Cancers</i> , 2021, 13, 1258.	1.7	3
3	Innovative, integrative, and interactive in-class activity on metabolic regulation: Evaluating educational impacts. <i>Biochemistry and Molecular Biology Education</i> , 2021, 49, 870-881.	0.5	0
4	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq0 0 0 rgBT /Overlock 10 Tf,50 622 Td (edition	4.3	1,430
5	Elucidating the mechanisms of action of parecoxib in the MG-63 osteosarcoma cell line. <i>Anti-Cancer Drugs</i> , 2020, 31, 507-517.	0.7	7
6	The antifungal plant defensin HsAFP1 induces autophagy, vacuolar dysfunction and cell cycle impairment in yeast. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2020, 1862, 183255.	1.4	16
7	Assessing Autophagy in Archived Tissue or How to Capture Autophagic Flux from a Tissue Snapshot. <i>Biology</i> , 2020, 9, 59.	1.3	12
8	Unravelling the anticancer potential of functionalized chromeno[2,3-b]pyridines for breast cancer treatment. <i>Bioorganic Chemistry</i> , 2020, 100, 103942.	2.0	20
9	Targeting Metabolic Reprogramming in Acute Myeloid Leukemia. <i>Cells</i> , 2019, 8, 967.	1.8	43
10	Yeast at the Forefront of Research on Ageing and Age-Related Diseases. <i>Progress in Molecular and Subcellular Biology</i> , 2019, 58, 217-242.	0.9	21
11	α-Synuclein toxicity in yeast and human cells is caused by cell cycle re-entry and autophagy degradation of ribonucleotide reductase 1. <i>Aging Cell</i> , 2019, 18, e12922.	3.0	19
12	Dysregulation of autophagy and stress granule-related proteins in stress-driven Tau pathology. <i>Cell Death and Differentiation</i> , 2019, 26, 1411-1427.	5.0	80
13	Transcriptomic and chemogenomic analyses unveil the essential role of Com2-regulon in response and tolerance of <i>Saccharomyces cerevisiae</i> to stress induced by sulfur dioxide. <i>Microbial Cell</i> , 2019, 6, 509-523.	1.4	18
14	Linking cellular proteostasis to yeast longevity. <i>FEMS Yeast Research</i> , 2018, 18, .	1.1	15
15	Lipocalin-2 regulates adult neurogenesis and contextual discriminative behaviours. <i>Molecular Psychiatry</i> , 2018, 23, 1031-1039.	4.1	44
16	Exploitation of new chalcones and 4H-chromenes as agents for cancer treatment. <i>European Journal of Medicinal Chemistry</i> , 2018, 157, 101-114.	2.6	29
17	Signalling mechanisms that regulate metabolic profile and autophagy of acute myeloid leukaemia cells. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 4807-4817.	1.6	14
18	Caloric restriction rescues yeast cells from alpha-synuclein toxicity through autophagic control of proteostasis. <i>Aging</i> , 2018, 10, 3821-3833.	1.4	13

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19	Caloric restriction alleviates alpha-synuclein toxicity in aged yeast cells by controlling the opposite roles of Tor1 and Sir2 on autophagy. <i>Mechanisms of Ageing and Development</i> , 2017, 161, 270-276.	2.2	21
20	Cell sheet engineering using the stromal vascular fraction of adipose tissue as a vascularization strategy. <i>Acta Biomaterialia</i> , 2017, 55, 131-143.	4.1	34
21	Increasing the Fungicidal Action of Amphotericin B by Inhibiting the Nitric Oxide-Dependent Tolerance Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-17.	1.9	16
22	AMPK in Pathogens. <i>Exs</i> , 2016, 107, 287-323.	1.4	8
23	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
24	Sirtuins and Proteolytic Systems: Implications for Pathogenesis of Synucleinopathies. <i>Biomolecules</i> , 2015, 5, 735-757.	1.8	11
25	Bioresorbable ureteral stents from natural origin polymers. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2015, 103, 608-617.	1.6	46
26	Proteolytic systems and AMP-activated protein kinase are critical targets of acute myeloid leukemia therapeutic approaches. <i>Oncotarget</i> , 2015, 6, 31428-31440.	0.8	13
27	Longevity pathways and maintenance of the proteome: the role of autophagy and mitophagy during yeast ageing. <i>Microbial Cell</i> , 2014, 1, 118-127.	1.4	30
28	Proteomic Analysis of the Action of the Mycobacterium ulcerans Toxin Mycolactone: Targeting Host Cells Cytoskeleton and Collagen. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e3066.	1.3	27
29	DNA replication stress-induced loss of reproductive capacity in <i>S. cerevisiae</i> and its inhibition by caloric restriction. <i>Cell Cycle</i> , 2013, 12, 1189-1200.	1.3	16
30	Involvement of Yeast HSP90 Isoforms in Response to Stress and Cell Death Induced by Acetic Acid. <i>PLoS ONE</i> , 2013, 8, e71294.	1.1	21
31	SNCA ( $\alpha$ -synuclein)-induced toxicity in yeast cells is dependent on Sir2-mediated mitophagy. <i>Autophagy</i> , 2012, 8, 1494-1509.	4.3	113
32	An alternative respiratory pathway on <i>Candida krusei</i> : implications on susceptibility profile and oxidative stress. <i>FEMS Yeast Research</i> , 2012, 12, 423-429.	1.1	19
33	Yeast chronological lifespan and proteotoxic stress: is autophagy good or bad?. <i>Biochemical Society Transactions</i> , 2011, 39, 1466-1470.	1.6	20
34	Glyceraldehyde-3-phosphate dehydrogenase (GAPDH) is a specific substrate of yeast metacaspase. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2011, 1813, 2044-2049.	1.9	39
35	Caloric restriction or catalase inactivation extends yeast chronological lifespan by inducing H <sub>2</sub> O <sub>2</sub> and superoxide dismutase activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 15123-15128.	3.3	241
36	Accumulation of Non-Superoxide Anion Reactive Oxygen Species Mediates Nitrogen-Limited Alcoholic Fermentation by <i>Saccharomyces cerevisiae</i> . <i>Applied and Environmental Microbiology</i> , 2010, 76, 7918-7924.	1.4	28

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37	Neurodevelopmental delay in the <i>Cln3<sup>ex7/8</sup></i> mouse model for Batten disease. <i>Genes, Brain and Behavior</i> , 2009, 8, 337-345.	1.1	27
38	Cdc42p controls yeast-cell shape and virulence of <i>Paracoccidioides brasiliensis</i> . <i>Fungal Genetics and Biology</i> , 2009, 46, 919-926.	0.9	54
39	Drug-induced apoptosis in yeast. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2008, 1783, 1436-1448.	1.9	62
40	NO-mediated apoptosis in yeast. <i>Journal of Cell Science</i> , 2007, 120, 3279-3288.	1.2	114
41	An atypical active cell death process underlies the fungicidal activity of ciclopirox olamine against the yeast <i>Saccharomyces cerevisiae</i> . <i>FEMS Yeast Research</i> , 2007, 7, 404-412.	1.1	23
42	Low auxotrophy-complementing amino acid concentrations reduce yeast chronological life span. <i>Mechanisms of Ageing and Development</i> , 2007, 128, 383-391.	2.2	49