

# Belm Sampaio-Marques

## List of Publications by Citations

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41  
papers

1,532  
citations

19  
h-index

39  
g-index

42  
ext. papers

2,215  
ext. citations

5.6  
avg, IF

4.14  
L-index

#	Paper	IF	Citations
41	Guidelines for the use and interpretation of assays for monitoring autophagy (4th edition). <i>Autophagy</i> , <b>2021</b> , 17, 1-382	10.2	440
40	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> , <b>2010</b> , 107, 15123-8	11.5	208
39	SNCA (β-synuclein)-induced toxicity in yeast cells is dependent on sirtuin 2 (Sir2)-mediated mitophagy. <i>Autophagy</i> , <b>2012</b> , 8, 1494-509	10.2	102
38	NO-mediated apoptosis in yeast. <i>Journal of Cell Science</i> , <b>2007</b> , 120, 3279-88	5.3	96
37	Dysregulation of autophagy and stress granule-related proteins in stress-driven Tau pathology. <i>Cell Death and Differentiation</i> , <b>2019</b> , 26, 1411-1427	12.7	55
36	Drug-induced apoptosis in yeast. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>2008</b> , 1783, 1436-48	4.9	50
35	Cdc42p controls yeast-cell shape and virulence of <i>Paracoccidioides brasiliensis</i> . <i>Fungal Genetics and Biology</i> , <b>2009</b> , 46, 919-26	3.9	49
34	Low auxotrophy-complementing amino acid concentrations reduce yeast chronological life span. <i>Mechanisms of Ageing and Development</i> , <b>2007</b> , 128, 383-91	5.6	39
33	Bioresorbable ureteral stents from natural origin polymers. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , <b>2015</b> , 103, 608-17	3.5	37
32	Glyceraldehyde-3-phosphate dehydrogenase (GAPDH) is a specific substrate of yeast metacaspase. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>2011</b> , 1813, 2044-9	4.9	35
31	Lipocalin-2 regulates adult neurogenesis and contextual discriminative behaviours. <i>Molecular Psychiatry</i> , <b>2018</b> , 23, 1031-1039	15.1	26
30	Longevity pathways and maintenance of the proteome: the role of autophagy and mitophagy during yeast ageing. <i>Microbial Cell</i> , <b>2014</b> , 1, 118-127	3.9	25
29	Targeting Metabolic Reprogramming in Acute Myeloid Leukemia. <i>Cells</i> , <b>2019</b> , 8,	7.9	24
28	Proteomic analysis of the action of the <i>Mycobacterium ulcerans</i> toxin mycolactone: targeting host cells cytoskeleton and collagen. <i>PLoS Neglected Tropical Diseases</i> , <b>2014</b> , 8, e3066	4.8	24
27	Accumulation of non-superoxide anion reactive oxygen species mediates nitrogen-limited alcoholic fermentation by <i>Saccharomyces cerevisiae</i> . <i>Applied and Environmental Microbiology</i> , <b>2010</b> , 76, 7918-24	4.8	24
26	Cell sheet engineering using the stromal vascular fraction of adipose tissue as a vascularization strategy. <i>Acta Biomaterialia</i> , <b>2017</b> , 55, 131-143	10.8	22
25	Neurodevelopmental delay in the <i>Cln3Deltaex7/8</i> mouse model for Batten disease. <i>Genes, Brain and Behavior</i> , <b>2009</b> , 8, 337-45	3.6	21

24	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> , <b>2007</b> , 7, 404-12	3.1	20
23	Yeast chronological lifespan and proteotoxic stress: is autophagy good or bad?. <i>Biochemical Society Transactions</i> , <b>2011</b> , 39, 1466-70	5.1	19
22	An alternative respiratory pathway on <i>Candida krusei</i> : implications on susceptibility profile and oxidative stress. <i>FEMS Yeast Research</i> , <b>2012</b> , 12, 423-9	3.1	18
21	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> , <b>2017</b> , 161, 270-276	5.6	16
20	Yeast at the Forefront of Research on Ageing and Age-Related Diseases. <i>Progress in Molecular and Subcellular Biology</i> , <b>2019</b> , 58, 217-242	3	15
19	Exploitation of new chalcones and 4H-chromenes as agents for cancer treatment. <i>European Journal of Medicinal Chemistry</i> , <b>2018</b> , 157, 101-114	6.8	15
18	Involvement of yeast HSP90 isoforms in response to stress and cell death induced by acetic acid. <i>PLoS ONE</i> , <b>2013</b> , 8, e71294	3.7	15
17	DNA replication stress-induced loss of reproductive capacity in <i>S. cerevisiae</i> and its inhibition by caloric restriction. <i>Cell Cycle</i> , <b>2013</b> , 12, 1189-200	4.7	14
16	β-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> , <b>2019</b> , 18, e12922	9.9	13
15	Proteolytic systems and AMP-activated protein kinase are critical targets of acute myeloid leukemia therapeutic approaches. <i>Oncotarget</i> , <b>2015</b> , 6, 31428-40	3.3	12
14	The antifungal plant defensin HsAFP1 induces autophagy, vacuolar dysfunction and cell cycle impairment in yeast. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>2020</b> , 1862, 183255	3.8	10
13	Signalling mechanisms that regulate metabolic profile and autophagy of acute myeloid leukaemia cells. <i>Journal of Cellular and Molecular Medicine</i> , <b>2018</b> , 22, 4807-4817	5.6	10
12	Mitochondrial proteomics of the acetic acid - induced programmed cell death response in a highly tolerant - derived hybrid strain. <i>Microbial Cell</i> , <b>2016</b> , 3, 65-78	3.9	10
11	Increasing the Fungicidal Action of Amphotericin B by Inhibiting the Nitric Oxide-Dependent Tolerance Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2017</b> , 2017, 4064628	6.7	9
10	Linking cellular proteostasis to yeast longevity. <i>FEMS Yeast Research</i> , <b>2018</b> , 18,	3.1	9
9	Transcriptomic and chemogenomic analyses unveil the essential role of Com2-regulon in response and tolerance of to stress induced by sulfur dioxide. <i>Microbial Cell</i> , <b>2019</b> , 6, 509-523	3.9	9
8	Unravelling the anticancer potential of functionalized chromeno[2,3-b]pyridines for breast cancer treatment. <i>Bioorganic Chemistry</i> , <b>2020</b> , 100, 103942	5.1	9
7	Assessing Autophagy in Archived Tissue or How to Capture Autophagic Flux from a Tissue Snapshot. <i>Biology</i> , <b>2020</b> , 9,	4.9	8

6	Sirtuins and proteolytic systems: implications for pathogenesis of synucleinopathies. <i>Biomolecules</i> , <b>2015</b> , 5, 735-57	5.9	7
5	Caloric restriction rescues yeast cells from alpha-synuclein toxicity through autophagic control of proteostasis. <i>Aging</i> , <b>2018</b> , 10, 3821-3833	5.6	7
4	AMPK in Pathogens. <i>Exs</i> , <b>2016</b> , 107, 287-323		5
3	Elucidating the mechanisms of action of parecoxib in the MG-63 osteosarcoma cell line. <i>Anti-Cancer Drugs</i> , <b>2020</b> , 31, 507-517	2.4	4
2	Functional Genetic Variants in Are Associated with Acute Myeloid Leukemia. <i>Cancers</i> , <b>2021</b> , 13,	6.6	1
1	Innovative, integrative, and interactive in-class activity on metabolic regulation: Evaluating educational impacts. <i>Biochemistry and Molecular Biology Education</i> , <b>2021</b> , 49, 870-881	1.3	