Regina Menezes Echaniz

List of Publications by Citations

44 papers	4,879 citations	19 h-index	51 g-index
51 ext. papers	5,697 ext. citations	4.7 avg, IF	4.29 L-index

#	Paper	IF	Citations
44	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). *Autophagy*, **2016**, 12, 1-222	10.2	3838
43	The Yap family and its role in stress response. *Yeast*, **2010**, 27, 245-58	3.4	109
42	Impact of Flavonols on Cardiometabolic Biomarkers: A Meta-Analysis of Randomized Controlled Human Trials to Explore the Role of Inter-Individual Variability. *Nutrients*, **2017**, 9,	6.7	93
41	Yeast activator proteins and stress response: an overview. *FEBS Letters*, **2004**, 567, 80-5	3.8	89
40	Polyphenols Beyond Barriers: A Glimpse into the Brain. *Current Neuropharmacology*, **2017**, 15, 562-594	7.6	63
39	Oxidative stress in Alzheimer's and Parkinson's diseases: insights from the yeast Saccharomyces cerevisiae. *Oxidative Medicine and Cellular Longevity*, **2012**, 2012, 132146	6.7	56
38	Iron and neurodegeneration: from cellular homeostasis to disease. *Oxidative Medicine and Cellular Longevity*, **2012**, 2012, 128647	6.7	48
37	Molecular characterization of TaSTOP1 homoeologues and their response to aluminium and proton (H(+)) toxicity in bread wheat (Triticum aestivum L.). *BMC Plant Biology*, **2013**, 13, 134	5.3	46
36	The role of the Yap5 transcription factor in remodeling gene expression in response to Fe bioavailability. *PLoS ONE*, **2012**, 7, e37434	3.7	45
35	From the baker to the bedside: yeast models of Parkinson's disease. *Microbial Cell*, **2015**, 2, 262-279	3.9	44
34	Contribution of Yap1 towards Saccharomyces cerevisiae adaptation to arsenic-mediated oxidative stress. *Biochemical Journal*, **2008**, 414, 301-11	3.8	36
33	Relationship between ethanol and oxidative stress in laboratory and brewing yeast strains. *Journal of Bioscience and Bioengineering*, **2013**, 116, 697-705	3.3	32
32	Yap8p activation in Saccharomyces cerevisiae under arsenic conditions. *FEBS Letters*, **2004**, 566, 141-6	3.8	32
31	Yeast and other lower eukaryotic organisms for studies of Vps13 proteins in health and disease. *Traffic*, **2017**, 18, 711-719	5.7	27
30	Exploring the power of yeast to model aging and age-related neurodegenerative disorders. *Biogerontology*, **2017**, 18, 3-34	4.5	26
29	Galactose induction in yeast involves association of Gal80p with Gal1p or Gal3p. *Molecular Genetics and Genomics*, **1999**, 261, 495-507		25
28	Combined effect of interventions with pure or enriched mixtures of (poly)phenols and anti-diabetic medication in type 2 diabetes management: a meta-analysis of randomized controlled human trials. *European Journal of Nutrition*, **2020**, 59, 1329-1343	5.2	21

27	Yap1 mediates tolerance to cobalt toxicity in the yeast Saccharomyces cerevisiae. *Biochimica Et Biophysica Acta - General Subjects*, **2014**, 1840, 1977-86	4	21
26	Islet Amyloid Polypeptide: A Partner in Crime With Aβ in the Pathology of Alzheimer's Disease. *Frontiers in Molecular Neuroscience*, **2020**, 13, 35	6.1	19
25	Identification and Microbial Production of the Raspberry Phenol Salidroside that Is Active against Huntington's Disease. *Plant Physiology*, **2019**, 179, 969-985	6.6	17
24	Repression of the Low Affinity Iron Transporter Gene FET4: A NOVEL MECHANISM AGAINST CADMIUM TOXICITY ORCHESTRATED BY YAP1 VIA ROX1. *Journal of Biological Chemistry*, **2015**, 290, 18584-95	5.4	16
23	Arsenic stress elicits cytosolic Ca(2+) bursts and Crz1 activation in Saccharomyces cerevisiae. *Microbiology (United Kingdom)*, **2012**, 158, 2293-2302	2.9	15
22	Sites for interaction between Gal80p and Gal1p in Kluyveromyces lactis: structural model of galactokinase based on homology to the GHMP protein family. *Journal of Molecular Biology*, **2003**, 333, 479-92	6.5	14
21	RNA-seq, de novo transcriptome assembly and flavonoid gene analysis in 13 wild and cultivated berry fruit species with high content of phenolics. *BMC Genomics*, **2019**, 20, 995	4.5	13
20	BacHBerry: BACterial Hosts for production of Bioactive phenolics from bERRY fruits. *Phytochemistry Reviews*, **2018**, 17, 291-326	7.7	12
19	(Poly)phenol metabolites from Arbutus unedo leaves protect yeast from oxidative injury by activation of antioxidant and protein clearance pathways. *Journal of Functional Foods*, **2017**, 32, 333-346	5.1	11
18	Mediator, SWI/SNF and SAGA complexes regulate Yap8-dependent transcriptional activation of ACR2 in response to arsenate. *Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms*, **2017**, 1860, 472-481	6	9
17	Yap4 PKA- and GSK3-dependent phosphorylation affects its stability but not its nuclear localization. *Yeast*, **2009**, 26, 641-53	3.4	9
16	Inhibition of Yap2 activity by MAPKAP kinase Rck1 affects yeast tolerance to cadmium. *FEBS Letters* , **2015**, 589, 2841-9	3.8	8
15	Islet amyloid polypeptide & amyloid beta peptide roles in Alzheimer's disease: two triggers, one disease. *Neural Regeneration Research*, **2021**, 16, 1127-1130	4.5	8
14	E4-Ubiquitin ligase Ufd2 stabilizes Yap8 and modulates arsenic stress responses independent of the U-box motif. *Biology Open*, **2015**, 4, 1122-31	2.2	6
13	Overview of Beneficial Effects of (Poly)phenol Metabolites in the Context of Neurodegenerative Diseases on Model Organisms. *Nutrients*, **2021**, 13,	6.7	6
12	Rice Compounds with Impact on Diabetes Control. *Foods*, **2021**, 10,	4.9	6
11	Bioprospection of Natural Sources of Polyphenols with Therapeutic Potential for Redox-Related Diseases. *Antioxidants*, **2020**, 9,	7.1	5
10	Exploring the Benefits of Cellular Models to Uncover Bioactive Polyphenols for Neurodegeneration. *Current Pharmaceutical Design*, **2018**, 24, 2076-2106	3.3	4

9	Assessing the Intestinal Permeability and Anti-Inflammatory Potential of Sesquiterpene Lactones from Chicory. *Nutrients*, **2020**, 12,	6.7	3
8	High-Throughput Yeast-Based Reporter Assay to Identify Compounds with Anti-inflammatory Potential. *Methods in Molecular Biology*, **2016**, 1449, 441-52	1.4	3
7	Carbon monoxide released by CORM-A1 prevents yeast cell death via autophagy stimulation. *FEMS Yeast Research*, **2019**, 19,	3.1	2
6	Heterologous Expression of Immature Forms of Human Islet Amyloid Polypeptide in Yeast Triggers Intracellular Aggregation and Cytotoxicity. *Frontiers in Microbiology*, **2020**, 11, 2035	5.7	2
5	Supercritical CO Extraction as a Tool to Isolate Anti-Inflammatory Sesquiterpene Lactones from L. Roots. *Molecules*, **2021**, 26,	4.8	2
4	Small Molecule Fisetin Modulates Alpha-Synuclein Aggregation. *Molecules*, **2021**, 26,	4.8	2
3	Flavonoids as Potential Drugs for -Dependent Rare Neurodegenerative Diseases. *Genes*, **2020**, 11,	4.2	1
2	Flavonols and Flavones **2020**, 163-198		
1	Cecropia pachystachya protection against preproIAPP cytotoxicity is independent of Ca2+ homeostasis: lessons learned using a novel yeast model of preproIAPP-induced Ca2+ intracellular dysregulation. *Biomedical and Biopharmaceutical Research*, **2021**, 18, 109	0.1	