

Sandra Rebelo

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

46
papers

814
citations

17
h-index

27
g-index

54
ext. papers

1,032
ext. citations

4.9
avg, IF

4.09
L-index

#	Paper	IF	Citations
46	Retrieval of the Alzheimer's amyloid precursor protein from the endosome to the TGN is S655 phosphorylation state-dependent and retromer-mediated. <i>Molecular Neurodegeneration</i> , 2010 , 5, 40	19	100
45	Identification of the human testis protein phosphatase 1 interactome. <i>Biochemical Pharmacology</i> , 2011 , 82, 1403-15	6	53
44	Protein phosphatase 1 is a key player in nuclear events. <i>Cellular Signalling</i> , 2015 , 27, 2589-98	4.9	50
43	S655 phosphorylation enhances APP secretory traffic. <i>Molecular and Cellular Biochemistry</i> , 2009 , 328, 145-54	4.2	39
42	ABC Transporters Are Key Players in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2018 , 61, 463-485	4.5	38
41	Tyr687 dependent APP endocytosis and Abeta production. <i>Journal of Molecular Neuroscience</i> , 2007 , 32, 1-8	3.3	38
40	Amyloid- β Modulates Both APP and Tau Phosphorylation. <i>Journal of Alzheimer's Disease</i> , 2015 , 45, 495-507	4.3	33
39	Enhanced generation of Alzheimer's amyloid-beta following chronic exposure to phorbol ester correlates with differential effects on alpha and epsilon isozymes of protein kinase C. <i>Journal of Neurochemistry</i> , 2009 , 108, 319-30	6	31
38	Tyrosine 687 phosphorylated Alzheimer's amyloid precursor protein is retained intracellularly and exhibits a decreased turnover rate. <i>Neurodegenerative Diseases</i> , 2007 , 4, 78-87	2.3	31
37	Identification of a novel human LAP1 isoform that is regulated by protein phosphorylation. <i>PLoS ONE</i> , 2014 , 9, e113732	3.7	27
36	Identification of a novel complex APP:Fe65:PP1 that regulates APP Thr668 phosphorylation levels. <i>Journal of Alzheimer's Disease</i> , 2013 , 35, 761-75	4.3	26
35	The influence of galactomannans with different amount of galactose side chains on the gelation of soy proteins at neutral pH. <i>Food Hydrocolloids</i> , 2013 , 33, 349-360	10.6	25
34	Nuclear envelope dysfunction and its contribution to the aging process. <i>Aging Cell</i> , 2020 , 19, e13143	9.9	24
33	Signal transduction therapeutics: relevance for Alzheimer's disease. <i>Journal of Molecular Neuroscience</i> , 2004 , 23, 123-42	3.3	23
32	The nuclear envelope protein, LAP1B, is a novel protein phosphatase 1 substrate. <i>PLoS ONE</i> , 2013 , 8, e76788	3.7	21
31	RanBP9 modulates AICD localization and transcriptional activity via direct interaction with Tip60. <i>Journal of Alzheimer's Disease</i> , 2014 , 42, 1415-33	4.3	18
30	In Vitro Cytotoxicity Effects of Zinc Oxide Nanoparticles on Spermatogonia Cells. <i>Cells</i> , 2020 , 9,	7.9	17

29	Isoform specific amyloid-beta protein precursor metabolism. <i>Journal of Alzheimer's Disease</i> , 2007 , 11, 85-95	4.3	17
28	LAP1 is a crucial protein for the maintenance of the nuclear envelope structure and cell cycle progression. <i>Molecular and Cellular Biochemistry</i> , 2015 , 399, 143-53	4.2	16
27	The Impact of Zinc Oxide Nanoparticles on Male (In)Fertility. <i>Materials</i> , 2020 , 13,	3.5	15
26	Effect of cell density on intracellular levels of the Alzheimer's amyloid precursor protein. <i>Journal of Neuroscience Research</i> , 2004 , 76, 406-14	4.4	15
25	A model system to study intracellular trafficking and processing of the Alzheimer's amyloid precursor protein. <i>Neurodegenerative Diseases</i> , 2004 , 1, 196-204	2.3	15
24	Lamina Associated Polypeptide 1 (LAP1) Interactome and Its Functional Features. <i>Membranes</i> , 2016 , 6,	3.8	15
23	Nuclear envelope dynamics during mammalian spermatogenesis: new insights on male fertility. <i>Biological Reviews</i> , 2019 , 94, 1195-1219	13.5	14
22	Genetic mutations strengthen functional association of LAP1 with DYT1 dystonia and muscular dystrophy. <i>Mutation Research - Reviews in Mutation Research</i> , 2015 , 766, 42-7	7	13
21	"Omics" of human sperm: profiling protein phosphatases. <i>OMICS A Journal of Integrative Biology</i> , 2013 , 17, 460-72	3.8	12
20	Comparison of simple sucrose and percoll based methodologies for synaptosome enrichment. <i>Analytical Biochemistry</i> , 2017 , 517, 1-8	3.1	12
19	Monitoring "De Novo" APP synthesis by taking advantage of the reversible effect of cycloheximide. <i>American Journal of Alzheimer's Disease and Other Dementias</i> , 2008 , 23, 602-8	2.5	12
18	BRI2 and BRI3 are functionally distinct phosphoproteins. <i>Cellular Signalling</i> , 2016 , 28, 130-44	4.9	10
17	BRI2 Processing and Its Neuritogenic Role Are Modulated by Protein Phosphatase 1 Complexing. <i>Journal of Cellular Biochemistry</i> , 2017 , 118, 2752-2763	4.7	8
16	Identification and characterization of the BRI2 interactome in the brain. <i>Scientific Reports</i> , 2018 , 8, 3548	4.9	7
15	Nuclear Accumulation of LAP1:TRF2 Complex during DNA Damage Response Uncovers a Novel Role for LAP1. <i>Cells</i> , 2020 , 9,	7.9	7
14	Descriptive Analysis of LAP1 Distribution and That of Associated Proteins throughout Spermatogenesis. <i>Membranes</i> , 2017 , 7,	3.8	6
13	Eco-friendly profile of pegylated nano-graphene oxide at different levels of an aquatic trophic chain. <i>Ecotoxicology and Environmental Safety</i> , 2018 , 162, 192-200	7	6
12	Metal Oxide Nanoparticles: Evidence of Adverse Effects on the Male Reproductive System. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	6

11	Metabolic Alterations in Myotonic Dystrophy Type 1 and Their Correlation with Lipin. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	4
10	Fourier-Transform Infrared Spectroscopy as a Discriminatory Tool for Myotonic Dystrophy Type 1 Metabolism: A Pilot Study. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	3
9	Immunolocalization of PPP1C Isoforms in SH-SY5Y Cells During the Cell Cycle. <i>Microscopy and Microanalysis</i> , 2012 , 18, 41-42	0.5	2
8	TorsinA Is Functionally Associated with Spermatogenesis. <i>Microscopy and Microanalysis</i> , 2019 , 25, 221-228.	8.5	2
7	Nuclear Envelope Alterations in Myotonic Dystrophy Type 1 Patient-Derived Fibroblasts.. <i>International Journal of Molecular Sciences</i> , 2022 , 23,	6.3	1
6	FTIR Spectroscopy as a Tool to Study Age-Related Changes in Cardiac and Skeletal Muscle of Female C57BL/6J Mice. <i>Molecules</i> , 2021 , 26,	4.8	1
5	The role of the integral type II transmembrane protein BRI2 in health and disease. <i>Cellular and Molecular Life Sciences</i> , 2021 , 78, 6807-6822	10.3	1
4	Olfactory mucosa stem cells differentiate into neuron-like cells. <i>Microscopy and Microanalysis</i> , 2015 , 21, 28-29	0.5	0
3	Torsin 1A Interacting Protein 1 2016 , 1-10		
2	Phosphoprotein Phosphatase 1 Isoforms Alpha and Gamma Respond Differently to Prodigiosin Treatment and Present Alternative Kinase Targets in Melanoma Cells. <i>Journal of Biophysical Chemistry</i> , 2014 , 05, 67-77	0.1	
1	The Long-Term Culture of Human Fibroblasts Reveals a Spectroscopic Signature of Senescence. <i>International Journal of Molecular Sciences</i> , 2022 , 23, 5830	6.3	