

Sandra Rebelo

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

1,163
citations

331642

21
h-index

395678

33
g-index

54
all docs

54
docs citations

54
times ranked

1517
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	10.8	124
2	Protein phosphatase 1 is a key player in nuclear events. <i>Cellular Signalling</i> , 2015, 27, 2589-2598.	3.6	84
3	Identification of the human testis protein phosphatase 1 interactome. <i>Biochemical Pharmacology</i> , 2011, 82, 1403-1415.	4.4	65
4	ABC Transporters Are Key Players in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2017, 61, 463-485.	2.6	57
5	Nuclear envelope dysfunction and its contribution to the aging process. <i>Aging Cell</i> , 2020, 19, e13143.	6.7	49
6	Tyr687 dependent APP endocytosis and abeta production. <i>Journal of Molecular Neuroscience</i> , 2007, 32, 1-8.	2.3	42
7	S655 phosphorylation enhances APP secretory traffic. <i>Molecular and Cellular Biochemistry</i> , 2009, 328, 145-154.	3.1	42
8	In Vitro Cytotoxicity Effects of Zinc Oxide Nanoparticles on Spermatogonia Cells. <i>Cells</i> , 2020, 9, 1081.	4.1	41
9	Identification of a Novel Human LAP1 Isoform That Is Regulated by Protein Phosphorylation. <i>PLoS ONE</i> , 2014, 9, e113732.	2.5	39
10	Identification of a Novel Complex A β 2PP:Fe65:PP1 that Regulates A β 2PP Thr668 Phosphorylation Levels. <i>Journal of Alzheimer's Disease</i> , 2013, 35, 761-775.	2.6	38
11	Amyloid- β 2 Modulates Both A β 2PP and Tau Phosphorylation. <i>Journal of Alzheimer's Disease</i> , 2015, 45, 495-507.	2.6	37
12	The Impact of Zinc Oxide Nanoparticles on Male (In)Fertility. <i>Materials</i> , 2020, 13, 849.	2.9	33
13	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.	1.4	32
14	Enhanced generation of Alzheimer's amyloid- β 2 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, 319-330.	3.9	32
15	Signal Transduction Therapeutics: Relevance for Alzheimer's Disease. <i>Journal of Molecular Neuroscience</i> , 2004, 23, 123-142.	2.3	29
16	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.	10.7	29
17	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, 143-153.	3.1	28
18	Nuclear envelope dynamics during mammalian spermatogenesis: new insights on male fertility. <i>Biological Reviews</i> , 2019, 94, 1195-1219.	10.4	27

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19	The Nuclear Envelope Protein, LAP1B, Is a Novel Protein Phosphatase 1 Substrate. PLoS ONE, 2013, 8, e76788.	2.5	25
20	Metal Oxide Nanoparticles: Evidence of Adverse Effects on the Male Reproductive System. International Journal of Molecular Sciences, 2021, 22, 8061.	4.1	23
21	BRI2 and BRI3 are functionally distinct phosphoproteins. Cellular Signalling, 2016, 28, 130-144.	3.6	22
22	RanBP9 Modulates AICD Localization and Transcriptional Activity via Direct Interaction with Tip60. Journal of Alzheimer's Disease, 2014, 42, 1415-1433.	2.6	21
23	Genetic mutations strengthen functional association of LAP1 with DYT1 dystonia and muscular dystrophy. Mutation Research - Reviews in Mutation Research, 2015, 766, 42-47.	5.5	20
24	Comparison of simple sucrose and percoll based methodologies for synaptosome enrichment. Analytical Biochemistry, 2017, 517, 1-8.	2.4	20
25	Lamina Associated Polypeptide 1 (LAP1) Interactome and Its Functional Features. Membranes, 2016, 6, 8.	3.0	19
26	A Model System to Study Intracellular Trafficking and Processing of the Alzheimer's Amyloid Precursor Protein. Neurodegenerative Diseases, 2004, 1, 196-204.	1.4	18
27	Isoform Specific Amyloid- β^2 Protein Precursor Metabolism. Journal of Alzheimer's Disease, 2007, 11, 85-95.	2.6	18
28	Effect of cell density on intracellular levels of the Alzheimer's amyloid precursor protein. Journal of Neuroscience Research, 2004, 76, 406-414.	2.9	15
29	Nuclear Accumulation of LAP1:TRF2 Complex during DNA Damage Response Uncovers a Novel Role for LAP1. Cells, 2020, 9, 1804.	4.1	15
30	Descriptive Analysis of LAP1 Distribution and That of Associated Proteins throughout Spermatogenesis. Membranes, 2017, 7, 22.	3.0	14
31	Monitoring "De Novo" APP Synthesis by Taking Advantage of the Reversible Effect of Cycloheximide. American Journal of Alzheimer's Disease and Other Dementias, 2009, 23, 602-608.	1.9	13
32	OMICS of Human Sperm: Profiling Protein Phosphatases. OMICS A Journal of Integrative Biology, 2013, 17, 460-472.	2.0	13
33	BRI2 Processing and Its Neuritogenic Role Are Modulated by Protein Phosphatase 1 Complexing. Journal of Cellular Biochemistry, 2017, 118, 2752-2763.	2.6	12
34	Identification and characterization of the BRI2 interactome in the brain. Scientific Reports, 2018, 8, 3548.	3.3	12
35	Fourier-Transform Infrared Spectroscopy as a Discriminatory Tool for Myotonic Dystrophy Type 1 Metabolism: A Pilot Study. International Journal of Environmental Research and Public Health, 2021, 18, 3800.	2.6	11
36	Eco-friendly profile of pegylated nano-graphene oxide at different levels of an aquatic trophic chain. Ecotoxicology and Environmental Safety, 2018, 162, 192-200.	6.0	10

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37	The role of the integral type II transmembrane protein BRI2 in health and disease. Cellular and Molecular Life Sciences, 2021, 78, 6807-6822.	5.4	9
38	Metabolic Alterations in Myotonic Dystrophy Type 1 and Their Correlation with Lipin. International Journal of Environmental Research and Public Health, 2021, 18, 1794.	2.6	7
39	FTIR Spectroscopy as a Tool to Study Age-Related Changes in Cardiac and Skeletal Muscle of Female C57BL/6J Mice. Molecules, 2021, 26, 6410.	3.8	5
40	TorsinA Is Functionally Associated with Spermatogenesis. Microscopy and Microanalysis, 2019, 25, 221-228.	0.4	4
41	The Long-Term Culture of Human Fibroblasts Reveals a Spectroscopic Signature of Senescence. International Journal of Molecular Sciences, 2022, 23, 5830.	4.1	3
42	Immunolocalization of PPP1C Isoforms in SH-SY5Y Cells During the Cell Cycle. Microscopy and Microanalysis, 2012, 18, 41-42.	0.4	2
43	Nuclear Envelope Alterations in Myotonic Dystrophy Type 1 Patient-Derived Fibroblasts. International Journal of Molecular Sciences, 2022, 23, 522.	4.1	2
44	Olfactory mucosa stem cells differentiate into neuron-like cells. Microscopy and Microanalysis, 2015, 21, 28-29.	0.4	1
45	Outcome measures frequently used to assess muscle strength in patients with myotonic dystrophy type 1: a systematic review. Neuromuscular Disorders, 2022, 32, 99-115.	0.6	1
46	P1-283 The role of protein phosphorylation in the control of APP processing. Neurobiology of Aging, 2004, 25, S176.	3.1	0
47	Phosphoprotein Phosphatase 1 Isoforms Alpha and Gamma Respond Differently to Prodigiosin Treatment and Present Alternative Kinase Targets in Melanoma Cells. Journal of Biophysical Chemistry, 2014, 05, 67-77.	0.5	0
48	Protein Phosphatase 1 (PP1). , 2016, , 1-16.		0
49	Torsin 1A Interacting Protein 1. , 2016, , 1-10.		0
50	Torsin 1A Interacting Protein 1. , 2018, , 5547-5556.		0
51	Protein Phosphatase 1 (PP1). , 2018, , 4222-4237.		0