

Rosalina Gavã-n

List of Publications by Year in descending order

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42
papers

1,616
citations

304743

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h-index

302126

39
g-index

44
all docs

44
docs citations

44
times ranked

2022
citing authors

#	ARTICLE	IF	CITATIONS
1	Reelin expression and glycosylation patterns are altered in Alzheimer's disease. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 5573-5578.	7.1	196
2	Lateral flagella of <i>Aeromonas</i> species are essential for epithelial cell adherence and biofilm formation. Molecular Microbiology, 2002, 43, 383-397.	2.5	131
3	A role of MAP1B in Reelin-dependent Neuronal Migration. Cerebral Cortex, 2005, 15, 1134-1145.	2.9	111
4	Enhanced susceptibility of Prnp-deficient mice to kainate-induced seizures, neuronal apoptosis, and death: Role of AMPA/kainate receptors. Journal of Neuroscience Research, 2007, 85, 2741-2755.	2.9	89
5	Lateral flagella are required for increased cell adherence, invasion and biofilm formation by <i>Aeromonas</i> spp.. FEMS Microbiology Letters, 2003, 224, 77-83.	1.8	77
6	Increased oxidation, glycooxidation, and lipoxidation of brain proteins in prion disease. Free Radical Biology and Medicine, 2008, 45, 1159-1166.	2.9	74
7	Regulation of GABAA and Glutamate Receptor Expression, Synaptic Facilitation and Long-Term Potentiation in the Hippocampus of Prion Mutant Mice. PLoS ONE, 2009, 4, e7592.	2.5	60
8	Neuroprotective role of PrP ^C against kainate-induced epileptic seizures and cell death depends on the modulation of JNK3 activation by GluR6/7-PSD-95 binding. Molecular Biology of the Cell, 2011, 22, 3041-3054.	2.1	59
9	Involvement of Cellular Prion Protein in α -Synuclein Transport in Neurons. Molecular Neurobiology, 2018, 55, 1847-1860.	4.0	55
10	Role of flm Locus in Mesophilic <i>Aeromonas</i> Species Adherence. Infection and Immunity, 2001, 69, 65-74.	2.2	50
11	A polar flagella operon (flg) of <i>Aeromonas hydrophila</i> contains genes required for lateral flagella expression. Microbial Pathogenesis, 2003, 34, 249-259.	2.9	48
12	Role of the Cellular Prion Protein in Oligodendrocyte Precursor Cell Proliferation and Differentiation in the Developing and Adult Mouse CNS. PLoS ONE, 2012, 7, e33872.	2.5	48
13	New insights into cellular prion protein (PrP ^C) functions: The α -syn and β -gal of a relevant protein. Brain Research Reviews, 2009, 61, 170-184.	9.0	46
14	A Semaphorin 3A Inhibitor Blocks Axonal Chemorepulsion and Enhances Axon Regeneration. Chemistry and Biology, 2009, 16, 691-701.	6.0	46
15	The MgtE Mg ²⁺ -transport protein is involved in <i>Aeromonas hydrophila</i> adherence. FEMS Microbiology Letters, 2001, 198, 189-195.	1.8	45
16	The inner-core lipopolysaccharide biosynthetic waaE gene: function and genetic distribution among some Enterobacteriaceae b bThe GenBank accession number for the waaE gene sequences of <i>P. mirabilis</i> CECT170, <i>Y. enterocolitica</i> R102 and <i>Ent. aerogenes</i> CECT684 reported in this paper are AY075039, AY075041 and AY075040, respectively.. Microbiology (United Kingdom), 2002, 148, 3485-3496.	1.8	36
17	Bcl-2 overexpression delays caspase-3 activation and rescues cerebellar degeneration in prion-deficient mice that overexpress amino-terminally truncated prion. FASEB Journal, 2007, 21, 3107-3117.	0.5	32
18	Involvement of PrP ^C in kainate-induced excitotoxicity in several mouse strains. Scientific Reports, 2015, 5, 11971.	3.3	32

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19	Integrating multi-unit electrophysiology and plastic culture dishes for network neuroscience. <i>Lab on A Chip</i> , 2008, 8, 1896.	6.0	30
20	Increased migration of olfactory ensheathing cells secreting the Nogo receptor ectodomain over inhibitory substrates and lesioned spinal cord. <i>Cellular and Molecular Life Sciences</i> , 2015, 72, 2719-2737.	5.4	29
21	The cellular prion protein (PrP ^C) as neuronal receptor for β -synuclein. <i>Prion</i> , 2017, 11, 226-233.	1.8	29
22	PrP(106-126) activates neuronal intracellular kinases and Egr1 synthesis through activation of NADPH-oxidase independently of PrPc. <i>FEBS Letters</i> , 2005, 579, 4099-4106.	2.8	28
23	iPS Cell Cultures from a Gerstmann-Str�ussler-Scheinker Patient with the Y218N PRNP Mutation Recapitulate tau Pathology. <i>Molecular Neurobiology</i> , 2018, 55, 3033-3048.	4.0	27
24	Role of PrPc Expression in Tau Protein Levels and Phosphorylation in Alzheimer's Disease Evolution. <i>Molecular Neurobiology</i> , 2015, 51, 1206-1220.	4.0	25
25	A Colonization Factor (Production of Lateral Flagella) of Mesophilic <i>Aeromonas</i> spp. Is Inactive in <i>Aeromonas salmonicida</i> Strains. <i>Applied and Environmental Microbiology</i> , 2003, 69, 663-667.	3.1	22
26	Role of cellular prion protein in interneuronal amyloid transmission. <i>Progress in Neurobiology</i> , 2018, 165-167, 87-102.	5.7	22
27	Relevance of host tau in tau seeding and spreading in tauopathies. <i>Brain Pathology</i> , 2020, 30, 298-318.	4.1	22
28	Neurotoxicity of Prion Peptides Mimicking the Central Domain of the Cellular Prion Protein. <i>PLoS ONE</i> , 2013, 8, e70881.	2.5	20
29	Cellular prion protein modulates β -amyloid deposition in aged APP/PS1 transgenic mice. <i>Neurobiology of Aging</i> , 2013, 34, 2793-2804.	3.1	17
30	Functions of the cellular prion protein, the end of Moore's law, and Ockham's razor theory. <i>Prion</i> , 2016, 10, 25-40.	1.8	16
31	The cell division genes (ftsE and X) of <i>Aeromonas hydrophila</i> and their relationship with opsonophagocytosis. <i>FEMS Microbiology Letters</i> , 2001, 198, 183-188.	1.8	14
32	Neurites regrowth of cortical neurons by GSK3 β inhibition independently of Nogo receptor 1. <i>Journal of Neurochemistry</i> , 2010, 113, 1644-1658.	3.9	14
33	The Quest for Cellular Prion Protein Functions in the Aged and Neurodegenerating Brain. <i>Cells</i> , 2020, 9, 591.	4.1	14
34	Fibrillar prion peptide PrP(106-126) treatment induces Dab1 phosphorylation and impairs APP processing and β -amyloid production in cortical neurons. <i>Neurobiology of Disease</i> , 2008, 30, 243-254.	4.4	13
35	Involvement of Dab1 in APP processing and β -amyloid deposition in sporadic Creutzfeldt-Jakob patients. <i>Neurobiology of Disease</i> , 2010, 37, 324-329.	4.4	8
36	Disease-Specific Changes in Reelin Protein and mRNA in Neurodegenerative Diseases. <i>Cells</i> , 2020, 9, 1252.	4.1	8

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37	Bcl-2 overexpression does not promote axonal regeneration of the entorhino-hippocampal connections in vitro after axotomy. <i>Brain Research</i> , 2004, 1020, 204-209.	2.2	6
38	Tau Protein as a New Regulator of Cellular Prion Protein Transcription. <i>Molecular Neurobiology</i> , 2020, 57, 4170-4186.	4.0	6
39	Domain-Specific Activation of Death-Associated Intracellular Signalling Cascades by the Cellular Prion Protein in Neuroblastoma Cells. <i>Molecular Neurobiology</i> , 2016, 53, 4438-4448.	4.0	5
40	Reelin Expression in Creutzfeldt-Jakob Disease and Experimental Models of Transmissible Spongiform Encephalopathies. <i>Molecular Neurobiology</i> , 2017, 54, 6412-6425.	4.0	2
41	Tau Exon 10 Inclusion by PrPC through Downregulating GSK3 β Activity. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5370.	4.1	2
42	The MgtE Mg ²⁺ transport protein is involved in <i>Aeromonas hydrophila</i> adherence. <i>FEMS Microbiology Letters</i> , 2001, 198, 189-195.	1.8	1