

InÃ³s M AraÃ³jo

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

1,707
citations

279487

23
h-index

276539

41
g-index

45
all docs

45
docs citations

45
times ranked

2646
citing authors

#	ARTICLE	IF	CITATIONS
1	Rewired glycosylation activity promotes scarless regeneration and functional recovery in spiny mice after complete spinal cord transection. <i>Developmental Cell</i> , 2022, 57, 440-450.e7.	3.1	26
2	Coronal brain atlas in stereotaxic coordinates of the African spiny mouse, <i>Acomys cahirinus</i> . <i>Journal of Comparative Neurology</i> , 2022, , .	0.9	1
3	Identification of new targets of S-nitrosylation in neural stem cells by thiol redox proteomics. <i>Redox Biology</i> , 2020, 32, 101457.	3.9	4
4	Extracellular electrophysiological based sensor to monitor cancer cells cooperative migration and cell-cell connections. <i>Biosensors and Bioelectronics</i> , 2019, 145, 111708.	5.3	7
5	S-Nitrosylation of Ras Mediates Nitric Oxide-Dependent Post-Injury Neurogenesis in a Seizure Model. <i>Antioxidants and Redox Signaling</i> , 2018, 28, 15-30.	2.5	13
6	The African spiny mouse (<i>Acomys</i> spp.) as an emerging model for development and regeneration. <i>Laboratory Animals</i> , 2018, 52, 565-576.	0.5	22
7	Neuronal Adenosine A2A Receptors Are Critical Mediators of Neurodegeneration Triggered by Convulsions. <i>ENeuro</i> , 2018, 5, ENEURO.0385-18.2018.	0.9	58
8	Caffeine Reverts Memory But Not Mood Impairment in a Depression-Prone Mouse Strain with Up-Regulated Adenosine A2A Receptor in Hippocampal Glutamate Synapses. <i>Molecular Neurobiology</i> , 2017, 54, 1552-1563.	1.9	55
9	Neuroproteomics Using Short GeLC-SWATH: From the Evaluation of Proteome Changes to the Clarification of Protein Function. <i>Neuromethods</i> , 2017, , 107-138.	0.2	7
10	Ultrasensitive gold micro-structured electrodes enabling the detection of extra-cellular long-lasting potentials in astrocytes populations. <i>Scientific Reports</i> , 2017, 7, 14284.	1.6	16
11	Extracellular Electrophysiological Measurements of Cooperative Signals in Astrocytes Populations. <i>Frontiers in Neural Circuits</i> , 2017, 11, 80.	1.4	9
12	Calpastatin Overexpression Preserves Cognitive Function Following Seizures, While Maintaining Post-Injury Neurogenesis. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 60.	1.4	5
13	Extracellular electrical recording of pH-triggered bursts in C6 glioma cell populations. <i>Science Advances</i> , 2016, 2, e1600516.	4.7	22
14	Performance assessment of polymer based electrodes for <i>in vitro</i> electrophysiological sensing: the role of the electrode impedance. <i>Proceedings of SPIE</i> , 2016, , .	0.8	3
15	An electrical method to measure low-frequency collective and synchronized cell activity using extracellular electrodes. <i>Sensing and Bio-Sensing Research</i> , 2016, 10, 1-8.	2.2	21
16	Ear wound regeneration in the African spiny mouse <i>Acomys cahirinus</i> . <i>Regeneration (Oxford)</i> , 2016, 10, 60.	6.3	60
17	Involvement of calpains in adult neurogenesis: implications for stroke. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 22.	1.8	25
18	Nitric Oxide Regulates Neurogenesis in the Hippocampus following Seizures. <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-14.	1.9	17

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19	Sâ€nitrosation and neuronal plasticity. <i>British Journal of Pharmacology</i> , 2015, 172, 1468-1478.	2.7	18
20	Nitric oxide from inflammatory origin impairs neural stem cell proliferation by inhibiting epidermal growth factor receptor signaling. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 343.	1.8	29
21	Stimulation of Neural Stem Cell Proliferation by Inhibition of Phosphodiesterase 5. <i>Stem Cells International</i> , 2014, 2014, 1-13.	1.2	26
22	Evaluation of Proliferation of Neural Stem Cells In Vitro and In Vivo. <i>Current Protocols in Stem Cell Biology</i> , 2013, 24, Unit 2D.14.	3.0	15
23	Specificity in S-Nitrosylation: A Short-Range Mechanism for NO Signaling?. <i>Antioxidants and Redox Signaling</i> , 2013, 19, 1220-1235.	2.5	105
24	Evaluation of neurotoxic and neuroprotective pathways affected by antiepileptic drugs in cultured hippocampal neurons. <i>Toxicology in Vitro</i> , 2013, 27, 2193-2202.	1.1	8
25	Differential Contribution of the Guanylyl Cyclase-Cyclic GMP-Protein Kinase G Pathway to the Proliferation of Neural Stem Cells Stimulated by Nitric Oxide. <i>NeuroSignals</i> , 2013, 21, 1-13.	0.5	23
26	Regulation of Injury-Induced Neurogenesis by Nitric Oxide. <i>Stem Cells International</i> , 2012, 2012, 1-15.	1.2	19
27	Calpains and Delayed Calcium Deregulation in Excitotoxicity. <i>Neurochemical Research</i> , 2010, 35, 1966-1969.	1.6	25
28	Nitric Oxide Stimulates the Proliferation of Neural Stem Cells Bypassing the Epidermal Growth Factor Receptor. <i>Stem Cells</i> , 2010, 28, 1219-1230.	1.4	71
29	Regulation of catecholamine release and tyrosine hydroxylase in human adrenal chromaffin cells by interleukinâ€1Î²: role of neuropeptide Y and nitric oxide. <i>Journal of Neurochemistry</i> , 2009, 109, 911-922.	2.1	33
30	Adenosine A_{2A} receptor antagonists exert motor and neuroprotective effects by distinct cellular mechanisms. <i>Annals of Neurology</i> , 2008, 63, 338-346.	2.8	159
31	Calpain activation is involved in early caspaseâ€independent neurodegeneration in the hippocampus following status epilepticus. <i>Journal of Neurochemistry</i> , 2008, 105, 666-676.	2.1	46
32	Neuropeptide Y stimulates retinal neural cell proliferation â€ involvement of nitric oxide. <i>Journal of Neurochemistry</i> , 2008, 105, 2501-2510.	2.1	46
33	Changes in calcium dynamics following the reversal of the sodium-calcium exchanger have a key role in AMPA receptor-mediated neurodegeneration via calpain activation in hippocampal neurons. <i>Cell Death and Differentiation</i> , 2007, 14, 1635-1646.	5.0	41
34	Intracellular signaling mechanisms mediating catecholamine release upon activation of NPY Y1receptors in mouse chromaffin cells. <i>Journal of Neurochemistry</i> , 2007, 103, 896-903.	2.1	16
35	Normal sensitivity to excitotoxicity in a transgenic Huntington's disease rat. <i>Brain Research Bulletin</i> , 2006, 69, 306-310.	1.4	12
36	Proteolysis of NR2B by calpain in the hippocampus of epileptic rats. <i>NeuroReport</i> , 2005, 16, 393-396.	0.6	32

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37	Early calpain-mediated proteolysis following AMPA receptor activation compromises neuronal survival in cultured hippocampal neurons. <i>Journal of Neurochemistry</i> , 2005, 92, 996-996.	2.1	0
38	Role of Nitric Oxide and Calpain Activation in Neuronal Death and Survival. <i>CNS and Neurological Disorders</i> , 2005, 4, 319-324.	4.3	34
39	Orexin loss in Huntington's disease. <i>Human Molecular Genetics</i> , 2005, 14, 39-47.	1.4	246
40	Reduced hippocampal neurogenesis in R6/2 transgenic Huntington's disease mice. <i>Neurobiology of Disease</i> , 2005, 20, 744-751.	2.1	158
41	Early calpain-mediated proteolysis following AMPA receptor activation compromises neuronal survival in cultured hippocampal neurons. <i>Journal of Neurochemistry</i> , 2004, 91, 1322-1331.	2.1	46
42	Neurotoxicity Induced by Antiepileptic Drugs in Cultured Hippocampal Neurons: A Comparative Study between Carbamazepine, Oxcarbazepine, and Two New Putative Antiepileptic Drugs, BIA 2-024 and BIA 2-093. <i>Epilepsia</i> , 2004, 45, 1498-1505.	2.6	53
43	Nitric oxide inhibits complex I following AMPA receptor activation via peroxynitrite. <i>NeuroReport</i> , 2004, 15, 2007-2011.	0.6	6
44	Neuronal nitric oxide synthase proteolysis limits the involvement of nitric oxide in kainate-induced neurotoxicity in hippocampal neurons. <i>Journal of Neurochemistry</i> , 2003, 85, 791-800.	2.1	24
45	Neurotoxic/neuroprotective profile of carbamazepine, oxcarbazepine and two new putative antiepileptic drugs, BIA 2-093 and BIA 2-024. <i>European Journal of Pharmacology</i> , 2000, 406, 191-201.	1.7	45