

João F Oliveira

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

2,889
citations

346980

22
h-index

466096

32
g-index

36
all docs

36
docs citations

36
times ranked

4058
citing authors

#	ARTICLE	IF	CITATIONS
1	Beyond New Neurons in the Adult Hippocampus: Imipramine Acts as a Pro-Astroglial Factor and Rescues Cognitive Impairments Induced by Stress Exposure. <i>Cells</i> , 2022, 11, 390.	1.8	9
2	Astrocyte regulation of neural circuit activity and network states. <i>Glia</i> , 2022, 70, 1455-1466.	2.5	34
3	IP ₃ R2 null mice display a normal acquisition of somatic and neurological development milestones. <i>European Journal of Neuroscience</i> , 2021, 54, 5673-5686.	1.2	12
4	Low-cost silicon neural probe: fabrication, electrochemical characterization and in vivo validation. <i>Microsystem Technologies</i> , 2021, 27, 37-46.	1.2	1
5	Reactive astrocyte nomenclature, definitions, and future directions. <i>Nature Neuroscience</i> , 2021, 24, 312-325.	7.1	1,098
6	Astrocyte-derived TNF and glutamate critically modulate microglia activation by methamphetamine. <i>Neuropsychopharmacology</i> , 2021, 46, 2358-2370.	2.8	36
7	Hippocampal cytochrome c abrogation impairs inter-regional communication between the hippocampus and prefrontal cortex and promotes the time-dependent manifestation of emotional and cognitive deficits. <i>Molecular Psychiatry</i> , 2021, 26, 7154-7166.	4.1	12
8	Astrocyte-mediated switch in spike timing-dependent plasticity during hippocampal development. <i>Nature Communications</i> , 2020, 11, 4388.	5.8	55
9	Identification of region-specific astrocyte subtypes at single cell resolution. <i>Nature Communications</i> , 2020, 11, 1220.	5.8	444
10	Astrocyte signaling impacts the effects of human bone marrow mesenchymal stem cells secretome application into the hippocampus: A proliferation and morphometrical analysis on astrocytic cell populations. <i>Brain Research</i> , 2020, 1732, 146700.	1.1	4
11	Region-specific control of microglia by adenosine A _{2A} receptors: uncoupling anxiety and associated cognitive deficits in female rats. <i>Glia</i> , 2019, 67, 182-192.	2.5	29
12	The nucleus reuniens: a key node in the neurocircuitry of stress and depression. <i>Molecular Psychiatry</i> , 2018, 23, 579-586.	4.1	47
13	The Role of Astrocytic Calcium Signaling in the Aged Prefrontal Cortex. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 379.	1.8	16
14	Astrocytic signaling supports hippocampal-prefrontal theta synchronization and cognitive function. <i>Glia</i> , 2017, 65, 1944-1960.	2.5	71
15	AP2 ³ controls adult hippocampal neurogenesis and modulates cognitive, but not anxiety or depressive-like behavior. <i>Molecular Psychiatry</i> , 2017, 22, 1725-1734.	4.1	35
16	Employing an open-source tool to assess astrocyte tridimensional structure. <i>Brain Structure and Function</i> , 2017, 222, 1989-1999.	1.2	65
17	Adenosine A _{2A} receptor regulation of microglia morphological remodeling-gender bias in physiology and in a model of chronic anxiety. <i>Molecular Psychiatry</i> , 2017, 22, 1035-1043.	4.1	69
18	Functional Roles of Astrocyte Calcium Elevations: From Synapses to Behavior. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 427.	1.8	154

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19	Editorial: Glial Plasticity in Depression. <i>Frontiers in Cellular Neuroscience</i> , 2016, 10, 163.	1.8	6
20	Absence of Tau triggers age-dependent sciatic nerve morphofunctional deficits and motor impairment. <i>Aging Cell</i> , 2016, 15, 208-216.	3.0	36
21	Do stars govern our actions? Astrocyte involvement in rodent behavior. <i>Trends in Neurosciences</i> , 2015, 38, 535-549.	4.2	152
22	Astrocyte pathology in the prefrontal cortex impairs the cognitive function of rats. <i>Molecular Psychiatry</i> , 2014, 19, 834-841.	4.1	98
23	Chronic stress disrupts neural coherence between cortico-limbic structures. <i>Frontiers in Neural Circuits</i> , 2013, 7, 10.	1.4	45
24	Automatic segmentation and 3D feature extraction of protein aggregates in <i>Caenorhabditis elegans</i> . <i>Proceedings of SPIE</i> , 2012, , .	0.8	1
25	Gold coated SU-8-based microelectrodes for in vivo electrophysiological studies: Rapid prototyping protocol-specific microelectrode designs. , 2011, , .		0
26	An Image Processing Application for Quantification of Protein Aggregates in <i>Caenorhabditis Elegans</i> . <i>Advances in Intelligent and Soft Computing</i> , 2011, , 31-38.	0.2	2
27	Neuron-specific proteotoxicity of mutant ataxin-3 in <i>C. elegans</i> : rescue by the DAF-16 and HSF-1 pathways. <i>Human Molecular Genetics</i> , 2011, 20, 2996-3009.	1.4	101
28	Rodent Cortical Astroglia Express In Situ Functional P2X7 Receptors Sensing Pathologically High ATP Concentrations. <i>Cerebral Cortex</i> , 2011, 21, 806-820.	1.6	77
29	Electrophysiological classification of P2X7 receptors in rat cultured neocortical astroglia. <i>British Journal of Pharmacology</i> , 2010, 160, 1941-1952.	2.7	53
30	Interaction of P2 purinergic receptors with cellular macromolecules. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2008, 377, 1-33.	1.4	44
31	Antifungal activity of synthetic di(hetero)arylamines based on the benzo[b]thiophene moiety. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 8172-8177.	1.4	46
32	Blockade of glutamate transporters leads to potentiation of NMDA receptor current in layer V pyramidal neurons of the rat prefrontal cortex via group II metabotropic glutamate receptor activation. <i>Neuropharmacology</i> , 2008, 55, 447-453.	2.0	7
33	The synthesis and the in vitro cytotoxicity studies of bisnaphthalimidopropyl polyamine derivatives against colon cancer cells and parasite <i>Leishmania infantum</i> . <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 541-545.	1.4	27