

Ricardo Augusto de Melo Reis

List of Publications by Citations

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71
papers

1,206
citations

20
h-index

31
g-index

80
ext. papers

1,474
ext. citations

4.6
avg, IF

4.16
L-index

#	Paper	IF	Citations
71	Regulation of acetylcholine synthesis and storage. <i>Neurochemistry International</i> , 2002 , 41, 291-9	4.4	81
70	Müller glia as an active compartment modulating nervous activity in the vertebrate retina: neurotransmitters and trophic factors. <i>Neurochemical Research</i> , 2008 , 33, 1466-74	4.6	63
69	Trophic activity derived from bone marrow mononuclear cells increases peripheral nerve regeneration by acting on both neuronal and glial cell populations. <i>Neuroscience</i> , 2009 , 159, 540-9	3.9	62
68	Dopaminergic signaling in the developing retina. <i>Brain Research Reviews</i> , 2007 , 54, 181-8		55
67	Activation of type 1 cannabinoid receptor (CB1R) promotes neurogenesis in murine subventricular zone cell cultures. <i>PLoS ONE</i> , 2013 , 8, e63529	3.7	49
66	Expression of functional receptors and transmitter enzymes in cultured Müller cells. <i>Brain Research</i> , 2005 , 1038, 141-9	3.7	46
65	The P2X7 receptor: shifting from a low- to a high-conductance channel - an enigmatic phenomenon?. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2014 , 1838, 2578-87	3.8	45
64	Polyunsaturated fatty acids and endocannabinoids in health and disease. <i>Nutritional Neuroscience</i> , 2018 , 21, 695-714	3.6	44
63	Fatty Acids, Antioxidants and Physical Activity in Brain Aging. <i>Nutrients</i> , 2017 , 9,	6.7	37
62	Sympathetic neuronal survival induced by retinal trophic factors. <i>Journal of Neurobiology</i> , 2002 , 50, 13-23		30
61	Human Cerebral Organoids and Fetal Brain Tissue Share Proteomic Similarities. <i>Frontiers in Cell and Developmental Biology</i> , 2019 , 7, 303	5.7	29
60	Caffeine potentiates the release of GABA mediated by NMDA receptor activation: Involvement of A1 adenosine receptors. <i>Neuroscience</i> , 2014 , 281, 208-15	3.9	28
59	The endocannabinoid system in renal cells: regulation of Na(+) transport by CB1 receptors through distinct cell signalling pathways. <i>British Journal of Pharmacology</i> , 2015 , 172, 4615-25	8.6	28
58	Expression of functional dopaminergic phenotype in purified cultured Müller cells from vertebrate retina. <i>Neurochemistry International</i> , 2008 , 53, 63-70	4.4	28
57	Müller glia factors induce survival and neuritogenesis of peripheral and central neurons. <i>Brain Research</i> , 2008 , 1205, 1-11	3.7	27
56	Evidence of Müller Glia Conversion Into Retina Ganglion Cells Using Neurogenin2. <i>Frontiers in Cellular Neuroscience</i> , 2018 , 12, 410	6.1	25
55	Pharmacological properties of a pore induced by raising intracellular Ca ²⁺ . <i>American Journal of Physiology - Cell Physiology</i> , 2009 , 297, C28-42	5.4	24

54	Convulxin induces platelet activation by a tyrosine-kinase-dependent pathway and stimulates tyrosine phosphorylation of platelet proteins, including PLC gamma 2, independently of integrin alpha IIb beta 3. <i>Archives of Biochemistry and Biophysics</i> , 1998 , 353, 239-50	4.1	24
53	Glutathione-Induced Calcium Shifts in Chick Retinal Glial Cells. <i>PLoS ONE</i> , 2016 , 11, e0153677	3.7	24
52	Dopaminergic retinal cell differentiation in culture: modulation by forskolin and dopamine. <i>European Journal of Neuroscience</i> , 2001 , 13, 1931-7	3.5	22
51	1-Aryl-1H- and 2-aryl-2H-1,2,3-triazole derivatives blockade P2X7 receptor in vitro and inflammatory response in vivo. <i>European Journal of Medicinal Chemistry</i> , 2017 , 139, 698-717	6.8	20
50	Bone marrow-derived fibroblast growth factor-2 induces glial cell proliferation in the regenerating peripheral nervous system. <i>Molecular Neurodegeneration</i> , 2012 , 7, 34	19	20
49	Large-conductance channel formation mediated by P2X7 receptor activation is regulated through distinct intracellular signaling pathways in peritoneal macrophages and 2BH4 cells. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2010 , 382, 73-87	3.4	19
48	In vitro toxicity induced by methylmercury on sympathetic neurons is reverted by L-cysteine or glutathione. <i>Neuroscience Research</i> , 2007 , 58, 278-84	2.9	17
47	Functional identification of cell phenotypes differentiating from mice retinal neurospheres using single cell calcium imaging. <i>Cellular and Molecular Neurobiology</i> , 2011 , 31, 835-46	4.6	16
46	Atypical effect of dopamine in modulating the functional inhibition of NMDA receptors of cultured retina cells. <i>European Journal of Pharmacology</i> , 1998 , 343, 103-10	5.3	16
45	Murine dopaminergic Mller cells restore motor function in a model of Parkinson's disease. <i>Journal of Neurochemistry</i> , 2014 , 128, 829-40	6	15
44	Modulation of subventricular zone oligodendrogenesis: a role for hemopressin?. <i>Frontiers in Cellular Neuroscience</i> , 2014 , 8, 59	6.1	15
43	Norepinephrine acts as D1-dopaminergic agonist in the embryonic avian retina: late expression of beta1-adrenergic receptor shifts norepinephrine specificity in the adult tissue. <i>Neurochemistry International</i> , 2007 , 50, 211-8	4.4	15
42	P2X7 receptor large pore signaling in avian Mller glial cells. <i>Journal of Bioenergetics and Biomembranes</i> , 2017 , 49, 215-229	3.7	14
41	Transient coupling of NMDA receptor with ip3 production in cultured cells of the avian retina. <i>Neurochemistry International</i> , 1995 , 26, 375-80	4.4	14
40	Olfactory Ensheathing Cells: A Trojan Horse for Glioma Gene Therapy. <i>Journal of the National Cancer Institute</i> , 2019 , 111, 283-291	9.7	14
39	Functional plasticity of GAT-3 in avian Mller cells is regulated by neurons via a glutamatergic input. <i>Neurochemistry International</i> , 2015 , 82, 42-51	4.4	13
38	Ampakine CX546 increases proliferation and neuronal differentiation in subventricular zone stem/progenitor cell cultures. <i>European Journal of Neuroscience</i> , 2012 , 35, 1672-83	3.5	12
37	Mice lacking GD3 synthase display morphological abnormalities in the sciatic nerve and neuronal disturbances during peripheral nerve regeneration. <i>PLoS ONE</i> , 2014 , 9, e108919	3.7	12

36	Ethanol increases GABA release in the embryonic avian retina. <i>International Journal of Developmental Neuroscience</i> , 2010 , 28, 189-94	2.7	12
35	GABA uptake by purified avian Müller glia cells in culture. <i>Neurotoxicity Research</i> , 2007 , 12, 145-53	4.3	12
34	Inhibition of choline acetyltransferase by excitatory amino acids as a possible mechanism for cholinergic dysfunction in the central nervous system. <i>Journal of Neurochemistry</i> , 2001 , 77, 1136-44	6	12
33	P2X7R large pore is partially blocked by pore forming proteins antagonists in astrocytes. <i>Journal of Bioenergetics and Biomembranes</i> , 2016 , 48, 309-24	3.7	11
32	Experimental ischemia/reperfusion model impairs endocannabinoid signaling and Na/K ATPase expression and activity in kidney proximal tubule cells. <i>Biochemical Pharmacology</i> , 2018 , 154, 482-491	6	11
31	Secreted human amyloid precursor protein binds semaphorin 3a and prevents semaphorin-induced growth cone collapse. <i>PLoS ONE</i> , 2011 , 6, e22857	3.7	11
30	Differential expression of D(1A) and D(1B) dopamine receptor mRNAs in the developing avian retina. <i>Journal of Neurochemistry</i> , 2000 , 75, 1071-5	6	11
29	Brown adipose tissue remodelling induced by corticosterone in male Wistar rats. <i>Experimental Physiology</i> , 2019 , 104, 514-528	2.4	10
28	Cell Calcium Imaging as a Reliable Method to Study Neuron-Glial Circuits. <i>Frontiers in Neuroscience</i> , 2020 , 14, 569361	5.1	10
27	Glutathione induces GABA release through P2XR activation on Müller glia. <i>Neurogenesis (Austin, Tex)</i> , 2017 , 4, e1283188		8
26	Single exposure to cocaine impairs aspartate uptake in the pre-frontal cortex via dopamine D1-receptor dependent mechanisms. <i>Neuroscience</i> , 2016 , 329, 326-36	3.9	8
25	Neuro-glial cannabinoid receptors modulate signaling in the embryonic avian retina. <i>Neurochemistry International</i> , 2018 , 112, 27-37	4.4	8
24	Caffeine regulates GABA transport via AR blockade and cAMP signaling. <i>Neurochemistry International</i> , 2019 , 131, 104550	4.4	7
23	Caffeine alters glutamate-aspartate transporter function and expression in rat retina. <i>Neuroscience</i> , 2016 , 337, 285-294	3.9	6
22	Hemopressin as a breakthrough for the cannabinoid field. <i>Neuropharmacology</i> , 2021 , 183, 108406	5.5	6
21	Cannabinoids Induce Cell Death and Promote P2X7 Receptor Signaling in Retinal Glial Progenitors in Culture. <i>Molecular Neurobiology</i> , 2019 , 56, 6472-6486	6.2	5
20	Capsaicin inhibits lipopolysaccharide-induced adrenal steroidogenesis by raising intracellular calcium levels. <i>Endocrine</i> , 2019 , 64, 169-175	4	5
19	Cannabinoid Receptor Type 1 Expression in the Developing Avian Retina: Morphological and Functional Correlation With the Dopaminergic System. <i>Frontiers in Cellular Neuroscience</i> , 2018 , 12, 58	6.1	5

18	Selective stimulatory action of olfactory ensheathing glia-conditioned medium on oligodendroglial differentiation, with additional reference to signaling mechanisms. <i>Biochemical and Biophysical Research Communications</i> , 2014 , 449, 338-43	3.4	5
17	Regulation of vesicular acetylcholine transporter by the activation of excitatory amino acid receptors in the avian retina. <i>Cellular and Molecular Neurobiology</i> , 2002 , 22, 727-40	4.6	5
16	Methods of dopamine research in retina cells. <i>Methods in Molecular Biology</i> , 2013 , 964, 25-42	1.4	5
15	Astrocyte glutamate transporters are increased in an early sporadic model of synucleinopathy. <i>Neurochemistry International</i> , 2020 , 138, 104758	4.4	5
14	Beta-adrenergic receptor activation increases GABA uptake in adolescent mice frontal cortex: Modulation by cannabinoid receptor agonist WIN55,212-2. <i>Neurochemistry International</i> , 2018 , 120, 182-190	4.4	5
13	Herbimycin A induces sympathetic neuron survival and protects against hypoxia. <i>NeuroReport</i> , 2003 , 14, 2397-401	1.7	4
12	Cannabinoid Therapeutics in Chronic Neuropathic Pain: From Animal Research to Human Treatment.. <i>Frontiers in Physiology</i> , 2021 , 12, 785176	4.6	4
11	Quality of Life and a Surveillant Endocannabinoid System. <i>Frontiers in Neuroscience</i> , 2021 , 15, 747229	5.1	3
10	Preconditioning of Rat Bone Marrow-Derived Mesenchymal Stromal Cells with Toll-Like Receptor Agonists. <i>Stem Cells International</i> , 2019 , 2019, 7692973	5	2
9	Müller Cells Derived from Adult Chicken and Mouse Retina Neurospheres Acquire the Dopaminergic Phenotype. <i>Cellular and Molecular Neurobiology</i> , 2019 , 39, 99-109	4.6	2
8	Regulation of the Serotonergic System by Kainate in the Avian Retina. <i>Cellular and Molecular Neurobiology</i> , 2019 , 39, 1039-1049	4.6	1
7	Epigenetic Effects of Omega-3 Fatty Acids on Neurons and Astrocytes During Brain Development and Senescence 2019 , 479-490		1
6	Plasticidade sinéptica: natureza e cultura moldando o Self. <i>Psicologia: Reflexao E Critica</i> , 2009 , 22, 128-135	1.1	1
5	Neurochemical plasticity of Müller cells after retinal injury: overexpression of GAT-3 may potentiate excitotoxicity. <i>Neural Regeneration Research</i> , 2015 , 10, 1376-8	4.5	1
4	Maternal omega-3 intake differentially affects the endocannabinoid system in the progeny's neocortex and hippocampus: Impact on synaptic markers. <i>Journal of Nutritional Biochemistry</i> , 2021 , 96, 108782	6.3	1
3	Caffeine Improves GABA Transport in the Striatum of Spontaneously Hypertensive Rats (SHR). <i>Neurotoxicity Research</i> , 2021 , 39, 1946-1958	4.3	
2	Interaction between cannabinoid and nucleotide systems as a new mechanism of signaling in retinal cell death. <i>Neural Regeneration Research</i> , 2019 , 14, 2093-2094	4.5	
1	Single Cocaine Exposure Inhibits GABA Uptake via Dopamine D1-Like Receptors in Adolescent Mice Frontal Cortex. <i>Neurotoxicity Research</i> , 2020 , 38, 824-832	4.3	

