Ricardo J Rodrigues

List of Publications by Year
in descending order

38 papers	2,887 citations	201575 27 h-index	315616 38 g-index
38 all docs	38 docs citations	38 times ranked	3618 citing authors

#	Article	IF	Citations
1	Presynaptic Control of Striatal Glutamatergic Neurotransmission by Adenosine A1-A2A Receptor Heteromers. Journal of Neuroscience, 2006, 26, 2080-2087.	1.7	553
2	Involvement of Cannabinoid Receptors in the Regulation of Neurotransmitter Release in the Rodent Striatum: A Combined Immunochemical and Pharmacological Analysis. Journal of Neuroscience, 2005, 25, 2874-2884.	1.7	221
3	ATP as a multi-target danger signal in the brain. Frontiers in Neuroscience, 2015, 9, 148.	1.4	205
4	Dual Presynaptic Control by ATP of Glutamate Release via Facilitatory P2X1, P2X2/3, and P2X3 and Inhibitory P2Y1, P2Y2, and/or P2Y4 Receptors in the Rat Hippocampus. Journal of Neuroscience, 2005, 25, 6286-6295.	1.7	201
5	Co-localization and functional interaction between adenosine A2A and metabotropic group 5 receptors in glutamatergic nerve terminals of the rat striatum. Journal of Neurochemistry, 2005, 92, 433-441.	2.1	184
6	Enhanced role of adenosine A2A receptors in the modulation of LTP in the rat hippocampus upon ageing. European Journal of Neuroscience, 2011, 34, 12-21.	1.2	149
7	Modification upon aging of the density of presynaptic modulation systems in the hippocampus. Neurobiology of Aging, 2009, 30, 1877-1884.	1.5	117
8	Adenosine A1 and A2A receptors are co-expressed in pyramidal neurons and co-localized in glutamatergic nerve terminals of the rat hippocampus. Neuroscience, 2005, 133, 79-83.	1.1	111
9	Differential glutamate-dependent and glutamate-independent adenosine A1receptor-mediated modulation of dopamine release in different striatal compartments. Journal of Neurochemistry, 2007, 101, 355-363.	2.1	104
10	CB1 Receptor Antagonism Increases Hippocampal Acetylcholine Release: Site and Mechanism of Action. Molecular Pharmacology, 2006, 70, 1236-1245.	1.0	78
11	Predominant loss of glutamatergic terminal markers in a Î²-amyloid peptide model of Alzheimer's disease. Neuropharmacology, 2014, 76, 51-56.	2.0	77
12	Glutamate-induced and NMDA receptor-mediated neurodegeneration entails P2Y1 receptor activation. Cell Death and Disease, 2018, 9, 297.	2.7	58
13	Modification of adenosine modulation of acetylcholine release in the hippocampus of aged rats. Neurobiology of Aging, 2008, 29, 1597-1601.	1.5	54
14	Purinergic P2 receptors trigger adenosine release leading to adenosine A2A receptor activation and facilitation of long-term potentiation in rat hippocampal slices. Neuroscience, 2003, 122, 111-121.	1.1	53
15	Antimicrobial peptide-gold nanoscale therapeutic formulation with high skin regenerative potential. Journal of Controlled Release, 2017, 262, 58-71.	4.8	48
16	Modification of purinergic signaling in the hippocampus of streptozotocin-induced diabetic rats. Neuroscience, 2007, 149, 382-391.	1.1	46
17	Presynaptic adenosine <scp>A_{2A}</scp> receptors dampen cannabinoid <scp>CB</scp>₁ receptorâ€mediated inhibition of corticostriatal glutamatergic transmission. British Journal of Pharmacology, 2015, 172, 1074-1086.	2.7	45
18	Convergence of adenosine and GABA signaling for synapse stabilization during development. Science, 2021, 374, eabk2055.	6.0	44

#	Article	IF	Citations
19	Adenosine A_{2b} receptors control A₁ receptorâ€mediated inhibition of synaptic transmission in the mouse hippocampus. European Journal of Neuroscience, 2015, 41, 878-888.	1.2	43
20	Stimulation of brain glucose uptake by cannabinoid CB2 receptors and its therapeutic potential in Alzheimer's disease. Neuropharmacology, 2016, 110, 519-529.	2.0	43
21	CRMP2 Tethers Kainate Receptor Activity to Cytoskeleton Dynamics during Neuronal Maturation. Journal of Neuroscience, 2013, 33, 18298-18310.	1.7	42
22	Different roles of adenosine A1, A2A and A3 receptors in controlling kainate-induced toxicity in cortical cultured neurons. Neurochemistry International, 2005, 47, 317-325.	1.9	40
23	Purinergic signalling and brain development. Seminars in Cell and Developmental Biology, 2019, 95, 34-41.	2.3	39
24	Anandamide and NADA bi-directionally modulate presynaptic Ca2+ levels and transmitter release in the hippocampus. British Journal of Pharmacology, 2007, 151, 551-563.	2.7	34
25	GABA release by basket cells onto Purkinje cells, in rat cerebellar slices, is directly controlled by presynaptic purinergic receptors, modulating Ca2+ influx. Cell Calcium, 2008, 44, 521-532.	1.1	34
26	Electrophysiological and Immunocytochemical Evidence for P2X Purinergic Receptors in Pancreatic Î² Cells. Pancreas, 2008, 36, 279-283.	0.5	33
27	Saccharomyces cerevisiae Hog1 Protein Phosphorylation upon Exposure to Bacterial Endotoxin. Journal of Biological Chemistry, 2006, 281, 24687-24694.	1.6	31
28	Solubilization and immunological identification of presynaptic Î±-amino-3-hydroxy-5-methyl-4-isoxazolepropionic acid receptors in the rat hippocampus. Neuroscience Letters, 2003, 336, 97-100.	1.0	28
29	Trkb receptors modulation of glutamate release is limited to a subset of nerve terminals in the adult rat hippocampus. Journal of Neuroscience Research, 2006, 83, 832-844.	1.3	27
30	Adenosine A2B receptor activation stimulates glucose uptake in the mouse forebrain. Purinergic Signalling, 2015, 11, 561-569.	1.1	26
31	High sucrose consumption induces memory impairment in rats associated with electrophysiological modifications but not with metabolic changes in the hippocampus. Neuroscience, 2016, 315, 196-205.	1.1	22
32	Presynaptic kainate receptors are localized close to release sites in rat hippocampal synapses. Neurochemistry International, 2005, 47, 309-316.	1.9	20
33	Adenosine A2A Receptors Contribute to the Radial Migration of Cortical Projection Neurons through the Regulation of Neuronal Polarization and Axon Formation. Cerebral Cortex, 2021, 31, 5652-5663.	1.6	19
34	Interaction Between P2X and Nicotinic Acetylcholine Receptors in Glutamate Nerve Terminals of the Rat Hippocampus. Journal of Molecular Neuroscience, 2006, 30, 173-176.	1.1	17
35	Presynaptic P2X1-3 and Î±3-containing nicotinic receptors assemble into functionally interacting ion channels in the rat hippocampus. Neuropharmacology, 2016, 105, 241-257.	2.0	14
36	Hierarchical glucocorticoid-endocannabinoid interplay regulates the activation of the nucleus accumbens by insulin. Brain Research Bulletin, 2016, 124, 222-230.	1.4	12

#	Article	IF	Citations
37	Metabotropic signaling by kainate receptors. Environmental Sciences Europe, 2012, 1, 399-410.	2.6	10
38	Neurogenesis and Gliogenesis: Relevance of Adenosine for Neuroregeneration in Brain Disorders. Journal of Caffeine and Adenosine Research, 2019, 9, 129-144.	0.8	5