Joaquim A Ribeiro

List of Publications by Year in Descending Order

200 papers	10,569 citations	59 h-index	94 g-index
203 ext. papers	11,334 ext. citations	5.2 avg, IF	6.23 L-index

#	Paper	IF	Citations
200	Endogenous VIP VPAC1 Receptor Activation Modulates Hippocampal Theta Burst Induced LTP: Transduction Pathways and GABAergic Mechanisms. *Biology*, **2022**, 11, 627	4.9	0
199	Hippocampal CA1 theta burst-induced LTP from weaning to adulthood: Cellular and molecular mechanisms in young male rats revisited. *European Journal of Neuroscience*, **2021**, 54, 5272-5292	3.5	1
198	Of adenosine and the blues: The adenosinergic system in the pathophysiology and treatment of major depressive disorder. *Pharmacological Research*, **2021**, 163, 105363	10.2	4
197	Caffeine has a dual influence on NMDA receptor-mediated glutamatergic transmission at the hippocampus. *Purinergic Signalling*, **2020**, 16, 503-518	3.8	6
196	Hippocampal synaptic dysfunction in the SOD1 mouse model of Amyotrophic Lateral Sclerosis: Reversal by adenosine AR blockade. *Neuropharmacology*, **2020**, 171, 108106	5.5	8
195	Memory deficits induced by chronic cannabinoid exposure are prevented by adenosine AR receptor antagonism. *Neuropharmacology*, **2019**, 155, 10-21	5.5	11
194	Cortical Neurotoxic Astrocytes with Early ALS Pathology and miR-146a Deficit Replicate Gliosis Markers of Symptomatic SOD1G93A Mouse Model. *Molecular Neurobiology*, **2019**, 56, 2137-2158	6.2	32
193	Adenosine and Its Receptors as Potential Drug Targets in Amyotrophic Lateral Sclerosis. *Journal of Caffeine and Adenosine Research*, **2019**, 9, 157-166	1.6	1
192	Amyotrophic Lateral Sclerosis (ALS) and Adenosine Receptors. *Frontiers in Pharmacology*, **2018**, 9, 267	5.6	11
191	Role of Adenosine Receptors in Epileptic Seizures **2018**, 309-350		2
190	Chronic, intermittent treatment with a cannabinoid receptor agonist impairs recognition memory and brain network functional connectivity. *Journal of Neurochemistry*, **2018**, 147, 71-83	6	17
189	Adenosine A receptors facilitate synaptic NMDA currents in CA1 pyramidal neurons. *British Journal of Pharmacology*, **2018**, 175, 4386-4397	8.6	21
188	Chronic and acute adenosine A receptor blockade prevents long-term episodic memory disruption caused by acute cannabinoid CB receptor activation. *Neuropharmacology*, **2017**, 117, 316-327	5.5	24
187	VPAC and VPAC receptor activation on GABA release from hippocampal nerve terminals involve several different signalling pathways. *British Journal of Pharmacology*, **2017**, 174, 4725-4737	8.6	12
186	Mismatch novelty exploration training enhances hippocampal synaptic plasticity: A tool for cognitive stimulation?. *Neurobiology of Learning and Memory*, **2017**, 145, 240-250	3.1	7
185	Regulation of Synaptic Transmission by Adenosine at the Neuromuscular Junction **2017**, 77-96		1
184	Dual Influence of Endocannabinoids on Long-Term Potentiation of Synaptic Transmission. *Frontiers in Pharmacology*, **2017**, 8, 921	5.6	19

183	Axonal elongation and dendritic branching is enhanced by adenosine A2A receptors activation in cerebral cortical neurons. *Brain Structure and Function*, **2016**, 221, 2777-99	4	28
182	Hippocampal GABAergic transmission: a new target for adenosine control of excitability. *Journal of Neurochemistry*, **2016**, 139, 1056-1070	6	20
181	Adenosine A1 Receptor Suppresses Tonic GABAA Receptor Currents in Hippocampal Pyramidal Cells and in a Defined Subpopulation of Interneurons. *Cerebral Cortex*, **2016**, 26, 1081-95	5.1	34
180	BDNF-induced presynaptic facilitation of GABAergic transmission in the hippocampus of young adults is dependent of TrkB and adenosine A2A receptors. *Purinergic Signalling*, **2016**, 12, 283-94	3.8	21
179	Purine nucleosides in neuroregeneration and neuroprotection. *Neuropharmacology*, **2016**, 104, 226-42	5.5	42
178	Neuromodulation and metamodulation by adenosine: Impact and subtleties upon synaptic plasticity regulation. *Brain Research*, **2015**, 1621, 102-13	3.7	46
177	Presymptomatic and symptomatic ALS SOD1(G93A) mice differ in adenosine A1 and A2A receptor-mediated tonic modulation of neuromuscular transmission. *Purinergic Signalling*, **2015**, 11, 471-80	3.8	15
176	Brain-derived neurotrophic factor mediates neuroprotection against A□nduced toxicity through a mechanism independent on adenosine 2A receptor activation. *Growth Factors*, **2015**, 33, 298-308	1.6	10
175	The giant miniature endplate potentials frequency is increased in aged rats. *Neuroscience Letters*, **2015**, 584, 224-9	3.3	5
174	The combined inhibitory effect of the adenosine A1 and cannabinoid CB1 receptors on cAMP accumulation in the hippocampus is additive and independent of A1 receptor desensitization. *BioMed Research International*, **2015**, 2015, 872684	3	9
173	Adenosine A2A Receptors and Neurotrophic Factors: Relevance for Parkinson□ Disease. *Current Topics in Neurotoxicity*, **2015**, 57-79		1
172	P2Y1 receptor inhibits GABA transport through a calcium signalling-dependent mechanism in rat cortical astrocytes. *Glia*, **2014**, 62, 1211-26	9	30
171	Endogenous inhibition of hippocampal LTD and depotentiation by vasoactive intestinal peptide VPAC1 receptors. *Hippocampus*, **2014**, 24, 1353-63	3.5	12
170	Maternal separation impairs long term-potentiation in CA1-CA3 synapses and hippocampal-dependent memory in old rats. *Neurobiology of Aging*, **2014**, 35, 1680-5	5.6	59
169	Homeostatic control of synaptic activity by endogenous adenosine is mediated by adenosine kinase. *Cerebral Cortex*, **2014**, 24, 67-80	5.1	51
168	Adenosine A2A receptors activation facilitates neuromuscular transmission in the pre-symptomatic phase of the SOD1(G93A) ALS mice, but not in the symptomatic phase. *PLoS ONE*, **2014**, 9, e104081	3.7	21
167	Overexpression of Adenosine A2A Receptors in Rats: Effects on Depression, Locomotion, and Anxiety. *Frontiers in Psychiatry*, **2014**, 5, 67	5	55
166	Regulation of TrkB receptor translocation to lipid rafts by adenosine A(2A) receptors and its functional implications for BDNF-induced regulation of synaptic plasticity. *Purinergic Signalling*, **2014**, 10, 251-67	3.8	33

165	A1R-A2AR heteromers coupled to Gs and G i/0 proteins modulate GABA transport into astrocytes. *Purinergic Signalling*, **2013**, 9, 433-49	3.8	93
164	Ischemia-induced synaptic plasticity drives sustained expression of calcium-permeable AMPA receptors in the hippocampus. *Neuropharmacology*, **2013**, 65, 114-22	5.5	37
163	Adenosine: setting the stage for plasticity. *Trends in Neurosciences*, **2013**, 36, 248-57	13.3	98
162	Lipid rafts, synaptic transmission and plasticity: impact in age-related neurodegenerative diseases. *Neuropharmacology*, **2013**, 64, 97-107	5.5	80
161	Caffeine and Adenosine Receptor Modulation of Cannabinoid Influence Upon Cognitive Function. *Journal of Caffeine Research*, **2013**, 3, 85-95		2
160	Early changes of neuromuscular transmission in the SOD1(G93A) mice model of ALS start long before motor symptoms onset. *PLoS ONE*, **2013**, 8, e73846	3.7	108
159	Downstream Pathways of Adenosine **2013**, 131-156		2
158	Enhancement of AMPA currents and GluR1 membrane expression through PKA-coupled adenosine A(2A) receptors. *Hippocampus*, **2012**, 22, 276-91	3.5	67
157	Neuromuscular transmission modulation by adenosine upon aging. *Neurobiology of Aging*, **2012**, 33, 2869-80	5.8	10
156	Escitalopram improves memory deficits induced by maternal separation in the rat. *European Journal of Pharmacology*, **2012**, 695, 71-5	5.3	26
155	From A1 to A3 en passant through A(2A) receptors in the hippocampus: pharmacological implications. *CNS and Neurological Disorders - Drug Targets*, **2012**, 11, 652-63	2.6	6
154	Modulation of GABA transport by adenosine A1R-A2AR heteromers, which are coupled to both Gs- and G(i/o)-proteins. *Journal of Neuroscience*, **2011**, 31, 15629-39	6.6	15
153	Modulation of brain-derived neurotrophic factor (BDNF) actions in the nervous system by adenosine A(2A) receptors and the role of lipid rafts. *Biochimica Et Biophysica Acta - Biomembranes*, **2011**, 1808, 1340-9	3.8	39
152	Brain-derived neurotrophic factor (BDNF) enhances GABA transport by modulating the trafficking of GABA transporter-1 (GAT-1) from the plasma membrane of rat cortical astrocytes. *Journal of Biological Chemistry*, **2011**, 286, 40464-76	5.4	51
151	Enhanced role of adenosine A(2A) receptors in the modulation of LTP in the rat hippocampus upon ageing. *European Journal of Neuroscience*, **2011**, 34, 12-21	3.5	113
150	Age-related changes of glycine receptor at the rat hippocampus: from the embryo to the adult. *Journal of Neurochemistry*, **2011**, 118, 339-53	6	39
149	Enhancement of LTP in aged rats is dependent on endogenous BDNF. *Neuropsychopharmacology*, **2011**, 36, 1823-36	8.7	97
148	Dopamine-galanin receptor heteromers modulate cholinergic neurotransmission in the rat ventral hippocampus. *Journal of Neuroscience*, **2011**, 31, 7412-23	6.6	27

147	Adenosine and related drugs in brain diseases: present and future in clinical trials. *Current Topics in Medicinal Chemistry*, **2011**, 11, 1087-101	3	72
146	Regulation of hippocampal cannabinoid CB1 receptor actions by adenosine A1 receptors and chronic caffeine administration: implications for the effects of Δ9-tetrahydrocannabinol on spatial memory. *Neuropsychopharmacology*, **2011**, 36, 472-87	8.7	37
145	Modulation and metamodulation of synapses by adenosine. *Acta Physiologica*, **2010**, 199, 161-9	5.6	48
144	Activation of adenosine A2A receptors induces TrkB translocation and increases BDNF-mediated phospho-TrkB localization in lipid rafts: implications for neuromodulation. *Journal of Neuroscience*, **2010**, 30, 8468-80	6.6	47
143	Predominance of adenosine excitatory over inhibitory effects on transmission at the neuromuscular junction of infant rats. *Journal of Pharmacology and Experimental Therapeutics*, **2010** , 332, 153-63	4.7	23
142	Caffeine and adenosine. *Journal of Alzheimer's Disease*, **2010**, 20 Suppl 1, S3-15	4.3	271
141	Adenosine A3 Receptor Signaling in the Central Nervous System **2010**, 165-188		4
140	Tuning and fine-tuning of synapses with adenosine. *Current Neuropharmacology*, **2009**, 7, 180-94	7.6	81
139	Cannabinoid CB(1) and adenosine A(1) receptors independently inhibit hippocampal synaptic transmission. *European Journal of Pharmacology*, **2009**, 623, 41-6	5.3	25
138	Triggering neurotrophic factor actions through adenosine A2A receptor activation: implications for neuroprotection. *British Journal of Pharmacology*, **2009**, 158, 15-22	8.6	55
137	GDNF control of the glutamatergic cortico-striatal pathway requires tonic activation of adenosine A receptors. *Journal of Neurochemistry*, **2009**, 108, 1208-19	6	28
136	Adenosine A2A receptors enhance GABA transport into nerve terminals by restraining PKC inhibition of GAT-1. *Journal of Neurochemistry*, **2009**, 109, 336-47	6	43
135	Adenosine receptors and the central nervous system. *Handbook of Experimental Pharmacology*, **2009**, 471-534	3.2	163
134	Adenosine A(2A) receptor modulation of hippocampal CA3-CA1 synapse plasticity during associative learning in behaving mice. *Neuropsychopharmacology*, **2009**, 34, 1865-74	8.7	59
133	Brain-derived neurotrophic factor inhibits GABA uptake by the rat hippocampal nerve terminals. *Brain Research*, **2008**, 1219, 19-25	3.7	32
132	A1 and A2A receptor activation by endogenous adenosine is required for VIP enhancement of K+ -evoked [3H]-GABA release from rat hippocampal nerve terminals. *Neuroscience Letters*, **2008**, 430, 207-12	2.3	22
131	Enhancement of long-term potentiation by brain-derived neurotrophic factor requires adenosine A2A receptor activation by endogenous adenosine. *Neuropharmacology*, **2008**, 54, 924-33	5.5	98
130	Interleukin-6 upregulates neuronal adenosine A1 receptors: implications for neuromodulation and neuroprotection. *Neuropsychopharmacology*, **2008**, 33, 2237-50	8.7	54

129	Postsynaptic action of brain-derived neurotrophic factor attenuates alpha7 nicotinic acetylcholine receptor-mediated responses in hippocampal interneurons. *Journal of Neuroscience*, **2008**, 28, 5611-8	6.6	39
128	Methylene ATP but Not Methylene ATP Mimicsthe Inhibitory Effect of ATP on Ventricular Automaticity. *Basic and Clinical Pharmacology and Toxicology*, **2008**, 86, 68-70		
127	Influence of age on BDNF modulation of hippocampal synaptic transmission: interplay with adenosine A2A receptors. *Hippocampus*, **2007**, 17, 577-85	3.5	76
126	Tonic adenosine A1 and A2A receptor activation is required for the excitatory action of VIP on synaptic transmission in the CA1 area of the hippocampus. *Neuropharmacology*, **2007**, 52, 313-20	5.5	17
125	Nitric oxide mediates interactions between GABAA receptors and adenosine A1 receptors in the rat hippocampus. *European Journal of Pharmacology*, **2006**, 543, 32-9	5.3	12
124	Glial cell line-derived neurotrophic factor (GDNF) enhances dopamine release from striatal nerve endings in an adenosine A2A receptor-dependent manner. *Brain Research*, **2006**, 1113, 129-36	3.7	34
123	Blockade of adenosine A2A receptors prevents protein phosphorylation in the striatum induced by cortical stimulation. *Journal of Neuroscience*, **2006**, 26, 10808-12	6.6	23
122	Triggering of BDNF facilitatory action on neuromuscular transmission by adenosine A2A receptors. *Neuroscience Letters*, **2006**, 404, 143-7	3.3	55
121	Hypoxia-induced desensitization and internalization of adenosine A1 receptors in the rat hippocampus. *Neuroscience*, **2006**, 138, 1195-203	3.9	56
120	VPAC2 receptor activation mediates VIP enhancement of population spikes in the CA1 area of the hippocampus. *Annals of the New York Academy of Sciences*, **2006**, 1070, 210-4	6.5	9
119	Long-term depression is not modulated by ATP receptors in the rat CA1 hippocampal region. *Neuroscience Letters*, **2005**, 383, 345-9	3.3	6
118	Adenosine A2A receptors control the extracellular levels of adenosine through modulation of nucleoside transporters activity in the rat hippocampus. *Journal of Neurochemistry*, **2005**, 93, 595-604	6	68
117	VIP enhances synaptic transmission to hippocampal CA1 pyramidal cells through activation of both VPAC1 and VPAC2 receptors. *Brain Research*, **2005**, 1049, 52-60	3.7	27
116	What can adenosine neuromodulation do for neuroprotection?. *CNS and Neurological Disorders*, **2005**, 4, 325-9		39
115	Activation of adenosine A2A receptor facilitates brain-derived neurotrophic factor modulation of synaptic transmission in hippocampal slices. *Journal of Neuroscience*, **2004**, 24, 2905-13	6.6	146
114	VIP enhances both pre- and postsynaptic GABAergic transmission to hippocampal interneurones leading to increased excitatory synaptic transmission to CA1 pyramidal cells. *British Journal of Pharmacology*, **2004**, 143, 733-44	8.6	29
113	Brain-derived neurotrophic factor facilitates glutamate and inhibits GABA release from hippocampal synaptosomes through different mechanisms. *Brain Research*, **2004**, 1016, 72-8	3.7	40
112	Presynaptic kainate receptors modulating glutamatergic transmission in the rat hippocampus are inhibited by arachidonic acid. *Neurochemistry International*, **2004**, 44, 371-9	4.4	8

111	Neuronal P2 receptors of the central nervous system. *Current Topics in Medicinal Chemistry*, **2004**, 4, 831-8	3	56
110	Enhanced adenosine A2A receptor facilitation of synaptic transmission in the hippocampus of aged rats. *Journal of Neurophysiology*, **2003**, 90, 1295-303	3.2	83
109	Endogenous adenosine modulation of 22Na uptake by rat brain synaptosomes. *Neurochemical Research*, **2003**, 28, 1591-5	4.6	2
108	Adenosine A3 receptors in the rat hippocampus: Lack of interaction with A1 receptors. *Drug Development Research*, **2003**, 58, 428-438	5.1	12
107	Ecto-AMP deaminase blunts the ATP-derived adenosine A2A receptor facilitation of acetylcholine release at rat motor nerve endings. *Journal of Physiology*, **2003**, 549, 399-408	3.9	43
106	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, 111-21	3.9	45
105	Participation of adenosine receptors in neuroprotection. *Drug News and Perspectives*, **2003**, 16, 80-6		70
104	Persistence of the neuromodulatory effects of adenosine on synaptic transmission after long-term potentiation and long-term depression. *Brain Research*, **2002**, 932, 56-60	3.7	16
103	Effects of carbamazepine and novel 10,11-dihydro-5H-dibenz[b,f]azepine-5-carboxamide derivatives on synaptic transmission in rat hippocampal slices. *Basic and Clinical Pharmacology and Toxicology*, **2002**, 90, 208-13		14
102	Modulation of the rat hippocampal dinucleotide receptor by adenosine receptor activation. *Journal of Pharmacology and Experimental Therapeutics*, **2002**, 301, 441-50	4.7	32
101	Adenosine A(2A) receptor facilitation of hippocampal synaptic transmission is dependent on tonic A(1) receptor inhibition. *Neuroscience*, **2002**, 112, 319-29	3.9	171
100	Adenosine receptors in the nervous system: pathophysiological implications. *Progress in Neurobiology*, **2002**, 68, 377-92	10.9	397
99	Parallel modification of adenosine extracellular metabolism and modulatory action in the hippocampus of aged rats. *Journal of Neurochemistry*, **2001**, 76, 372-82	6	62
98	Age-dependent decrease in adenosine A1 receptor binding sites in the rat brain. Effect of cis unsaturated free fatty acids. *FEBS Journal*, **2001**, 268, 2939-47		31
97	A functional role for adenosine A3 receptors: modulation of synaptic plasticity in the rat hippocampus. *Neuroscience Letters*, **2001**, 302, 53-7	3.3	39
96	Synergism between A(2A)-adenosine receptor activation and vasoactive intestinal peptide to facilitate [3H]-acetylcholine release from the rat motor nerve terminals. *Neuroscience Letters*, **2001**, 309, 101-4	3.3	12
95	Activation of synaptic NMDA receptors by action potential-dependent release of transmitter during hypoxia impairs recovery of synaptic transmission on reoxygenation. *Journal of Neuroscience* , **2001**, 21, 8564-71	6.6	79
94	A(2A) adenosine receptor facilitation of neuromuscular transmission: influence of stimulus paradigm on calcium mobilization. *Journal of Neurochemistry*, **2000**, 74, 2462-9	6	25

93	Immunologically distinct isoforms of ecto-5'-nucleotidase in nerve terminals of different areas of the rat hippocampus. *Journal of Neurochemistry*, **2000**, 74, 334-8	6	38
92	Adenosine-dopamine interactions and ventilation mediated through carotid body chemoreceptors. *Advances in Experimental Medicine and Biology*, **2000**, 475, 671-84	3.6	10
91	Tonic activation of A(2A) adenosine receptors unmasks, and of A(1) receptors prevents, a facilitatory action of calcitonin gene-related peptide in the rat hippocampus. *British Journal of Pharmacology*, **2000**, 129, 374-80	8.6	22
90	Modification of adenosine modulation of synaptic transmission in the hippocampus of aged rats. *British Journal of Pharmacology*, **2000**, 131, 1629-34	8.6	62
89	Presynaptic inhibitory receptors mediate the depression of synaptic transmission upon hypoxia in rat hippocampal slices. *Brain Research*, **2000**, 869, 158-65	3.7	47
88	Facilitation by P(2) receptor activation of acetylcholine release from rat motor nerve terminals: interaction with presynaptic nicotinic receptors. *Brain Research*, **2000**, 877, 245-50	3.7	34
87	Diadenosine polyphosphates facilitate the evoked release of acetylcholine from rat hippocampal nerve terminals. *Brain Research*, **2000**, 879, 50-4	3.7	9
86	Influence of stimulation on Ca(2+) recruitment triggering [3H]acetylcholine release from the rat motor-nerve endings. *European Journal of Pharmacology*, **2000**, 406, 355-62	5.3	19
85	Modification by arachidonic acid of extracellular adenosine metabolism and neuromodulatory action in the rat hippocampus. *Journal of Biological Chemistry*, **2000**, 275, 37572-81	5.4	24
84	Adenosine: does it have a neuroprotective role after all?. *Brain Research Reviews*, **2000**, 33, 258-74		207
83	Fine-tuning neuromodulation by adenosine. *Trends in Pharmacological Sciences*, **2000**, 21, 341-6	13.2	215
82	Adenosine A2A receptor facilitation of synaptic transmission in the CA1 area of the rat hippocampus requires protein kinase C but not protein kinase A activation. *Neuroscience Letters*, **2000**, 289, 127-30	3.3	45
81	Long-term potentiation observed upon blockade of adenosine A1 receptors in rat hippocampus is N-methyl-D-aspartate receptor-dependent. *Neuroscience Letters*, **2000**, 291, 81-4	3.3	33
80	Tonic adenosine neuromodulation is preserved in motor nerve endings of aged rats. *Neurochemistry International*, **2000**, 36, 563-6	4.4	12
79	ATP as a presynaptic modulator. *Life Sciences*, **2000**, 68, 119-37	6.8	156
78	Purinergic modulation of [(3)H]GABA release from rat hippocampal nerve terminals. *Neuropharmacology*, **2000**, 39, 1156-67	5.5	109
77	Pertussis toxin prevents presynaptic inhibition by kainate receptors of rat hippocampal [(3)H]GABA release. *FEBS Letters*, **2000**, 469, 159-62	3.8	47
76	Increase in the number, G protein coupling, and efficiency of facilitatory adenosine A2A receptors in the limbic cortex, but not striatum, of aged rats. *Journal of Neurochemistry*, **1999**, 73, 1733-8	6	71

75	Cross talk between A(1) and A(2A) adenosine receptors in the hippocampus and cortex of young adult and old rats. *Journal of Neurophysiology*, **1999**, 82, 3196-203	3.2	152
74	Kainate receptors coupled to G(i)/G(o) proteins in the rat hippocampus. *Molecular Pharmacology*, **1999**, 56, 429-33	4.3	42
73	Adenine nucleotides as inhibitors of synaptic transmission: role of localised ectonucleotidases. *Progress in Brain Research*, **1999**, 120, 183-92	2.9	18
72	Facilitation of GABA release by arachidonic acid in rat hippocampal synaptosomes. *European Journal of Neuroscience*, **1999**, 11, 2171-4	3.5	9
71	G protein coupling of CGS 21680 binding sites in the rat hippocampus and cortex is different from that of adenosine A1 and striatal A2A receptors. *Naunyn-Schmiedebergs Archives of Pharmacology*, **1999**, 359, 295-302	3.4	45
70	Facilitation by arachidonic acid of acetylcholine release from the rat hippocampus. *Brain Research*, **1999**, 826, 104-11	3.7	47
69	Adenosine modulates synaptic plasticity in hippocampal slices from aged rats. *Brain Research*, **1999**, 851, 228-34	3.7	61
68	Adenosine A2A receptor interactions with receptors for other neurotransmitters and neuromodulators. *European Journal of Pharmacology*, **1999**, 375, 101-13	5.3	73
67	ZM 241385, an adenosine A(2A) receptor antagonist, inhibits hippocampal A(1) receptor responses. *European Journal of Pharmacology*, **1999**, 383, 395-8	5.3	23
66	An adenosine analogue inhibits NMDA receptor-mediated responses in bipolar cells of the rat retina. *Experimental Eye Research*, **1999**, 68, 367-70	3.7	24
65	Inhibition by ATP of hippocampal synaptic transmission requires localized extracellular catabolism by ecto-nucleotidases into adenosine and channeling to adenosine A1 receptors. *Journal of Neuroscience*, **1998**, 18, 1987-95	6.6	192
64	Contribution of metabotropic glutamate receptors to the depression of excitatory postsynaptic potentials during hypoxia. *NeuroReport*, **1997**, 8, 3667-71	1.7	18
63	Inhibition of [3H] gamma-aminobutyric acid release by kainate receptor activation in rat hippocampal synaptosomes. *European Journal of Pharmacology*, **1997**, 323, 167-72	5.3	54
62	Biological activities of N6,C8-disubstituted adenosine derivatives as partial agonists at rat brain adenosine A1 receptors. *European Journal of Pharmacology*, **1997**, 334, 299-307	5.3	13
61	Endogenous adenosine attenuates long-term depression and depotentiation in the CA1 region of the rat hippocampus. *Neuropharmacology*, **1997**, 36, 161-7	5.5	69
60	Adenosine A2A receptors facilitate 45Ca2+ uptake through class A calcium channels in rat hippocampal CA3 but not CA1 synaptosomes. *Neuroscience Letters*, **1997**, 238, 73-7	3.3	42
59	Influence of metabotropic glutamate receptor agonists on the inhibitory effects of adenosine A1 receptor activation in the rat hippocampus. *British Journal of Pharmacology*, **1997**, 121, 1541-8	8.6	25
58	ZM241385 is an antagonist of the facilitatory responses produced by the A2A adenosine receptor agonists CGS21680 and HENECA in the rat hippocampus. *British Journal of Pharmacology*, **1997**, 122, 1279-84	8.6	65

57	Adenosine and neuronal plasticity. *Life Sciences*, **1997**, 60, 245-51	6.8	77
56	Preferential release of ATP and its extracellular catabolism as a source of adenosine upon high- but not low-frequency stimulation of rat hippocampal slices. *Journal of Neurochemistry*, **1996**, 67, 2180-7	6	206
55	Purinergic regulation of acetylcholine release. *Progress in Brain Research*, **1996**, 109, 231-41	2.9	57
54	Preferential activation of excitatory adenosine receptors at rat hippocampal and neuromuscular synapses by adenosine formed from released adenine nucleotides. *British Journal of Pharmacology*, **1996**, 119, 253-60	8.6	128
53	Adenosine uptake and deamination regulate tonic A2a receptor facilitation of evoked [3H]acetylcholine release from the rat motor nerve terminals. *Neuroscience*, **1996**, 73, 85-92	3.9	41
52	Excitatory actions of adenosine on ventricular automaticity. *Trends in Pharmacological Sciences*, **1996**, 17, 141-4	13.2	9
51	Adenosine A2 receptor-mediated excitatory actions on the nervous system. *Progress in Neurobiology*, **1996**, 48, 167-89	10.9	256
50	Adenosine A2 receptor activation facilitates 45Ca2+ uptake by rat brain synaptosomes. *European Journal of Pharmacology*, **1996**, 310, 257-61	5.3	9
49	Calcitonin gene-related peptide in the hamster seminal vesicle and coagulating gland: an immunohistochemical, autoradiographical, and pharmacological study. *Peptides*, **1996**, 17, 1189-95	3.8	9
48	Presynaptic A1 inhibitory/A2A facilitatory adenosine receptor activation balance depends on motor nerve stimulation paradigm at the rat hemidiaphragm. *Journal of Neurophysiology*, **1996**, 76, 3910-9	3.2	112
47	Adenosine by activating A1 receptors prevents GABAA-mediated actions during hypoxia in the rat hippocampus. *Brain Research*, **1996**, 732, 261-6	3.7	29
46	Adenosine A2A receptors stimulate acetylcholine release from nerve terminals of the rat hippocampus. *Neuroscience Letters*, **1995**, 196, 41-4	3.3	66
45	A functionally active presynaptic high-affinity kainate receptor in the rat hippocampal CA3 subregion. *Neuroscience Letters*, **1995**, 185, 83-6	3.3	39
44	Inhibition of NMDA receptor-mediated currents in isolated rat hippocampal neurones by adenosine A1 receptor activation. *NeuroReport*, **1995**, 6, 1097-100	1.7	139
43	Modification of A1 and A2a adenosine receptor binding in aged striatum, hippocampus and cortex of the rat. *NeuroReport*, **1995**, 6, 1583-8	1.7	128
42	Purinergic inhibition of neurotransmitter release in the central nervous system. *Basic and Clinical Pharmacology and Toxicology*, **1995**, 77, 299-305		66
41	Excitatory and inhibitory effects of A1 and A2A adenosine receptor activation on the electrically evoked [3H]acetylcholine release from different areas of the rat hippocampus. *Journal of Neurochemistry*, **1994**, 63, 207-14	6	121
40	Involvement of alpha-adrenoceptors in the excitatory effect of the A2 adenosine receptors agonist 5'-N-ethylcarboxamidoadenosine (NECA) on cardiac automaticity in the isolated right ventricle of the rat. *Naunyn-Schmiedebergs Archives of Pharmacology*, **1994**, 350, 632-7	3.4	

39	Evidence that the presynaptic A2a-adenosine receptor of the rat motor nerve endings is positively coupled to adenylate cyclase. *Naunyn-Schmiedebergɪs Archives of Pharmacology*, **1994**, 350, 514-22	3.4	36
38	1,3-Dipropyl-8-cyclopentylxanthine attenuates the NMDA response to hypoxia in the rat hippocampus. *Brain Research*, **1994**, 661, 265-73	3.7	30
37	Purinergic modulation of the evoked release of [3H]acetylcholine from the hippocampus and cerebral cortex of the rat: role of the ectonucleotidases. *European Journal of Neuroscience*, **1994**, 6, 33-42	3.5	56
36	Evidence for functionally important adenosine A2a receptors in the rat hippocampus. *Brain Research*, **1994**, 649, 208-16	3.7	211
35	Tonic adenosine A2A receptor activation modulates nicotinic autoreceptor function at the rat neuromuscular junction. *European Journal of Pharmacology*, **1994**, 271, 349-55	5.3	60
34	Potentiation by tonic A2a-adenosine receptor activation of CGRP-facilitated [3H]-ACh release from rat motor nerve endings. *British Journal of Pharmacology*, **1994**, 111, 582-8	8.6	39
33	Endogenous adenosine modulates long-term potentiation in the hippocampus. *Neuroscience*, **1994**, 62, 385-90	3.9	114
32	Vasoactive intestinal peptide in the hamster seminal vesicle: distribution, binding sites and possible functions. *Neuroscience*, **1994**, 59, 1083-91	3.9	11
31	Facilitation of [3H]-ACh release by forskolin depends on A2-adenosine receptor activation. *Neuroscience Letters*, **1993**, 151, 21-4	3.3	14
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