

Rodrigo A. Cunha

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

299
papers

16,781
citations

73
h-index

118
g-index

311
ext. papers

19,135
ext. citations

5.3
avg. IF

6.86
L-index

#	Paper	IF	Citations
299	International Union of Basic and Clinical Pharmacology. CXII: Adenosine Receptors: A Further Update.. <i>Pharmacological Reviews</i> , 2022 , 74, 340-372	22.5	7
298	Simultaneous Alteration of the Circadian Variation of Memory, Hippocampal Synaptic Plasticity, and Metabolism in a Triple Transgenic Mouse Model of Alzheimer's Disease.. <i>Frontiers in Aging Neuroscience</i> , 2022 , 14, 835885	5.3	0
297	Adenosine A receptors blockade attenuates dexamethasone-induced alterations in cultured astrocytes.. <i>Purinergic Signalling</i> , 2022 , 18, 199-204	3.8	0
296	Convergence of adenosine and GABA signaling for synapse stabilization during development. <i>Science</i> , 2021 , 374, eabk2055	33.3	5
295	Clustering of adenosine A receptors with ectonucleotidases in caveolin-rich lipid rafts underlies immunomodulation by <i>Leishmania amazonensis</i> . <i>FASEB Journal</i> , 2021 , 35, e21509	0.9	3
294	Exercise decreases aberrant corticostriatal plasticity in an animal model of L-DOPA-induced dyskinesia. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2021 , 320, R541-R546	3.2	
293	Astrocytes and Adenosine A Receptors: Active Players in Alzheimer's Disease. <i>Frontiers in Neuroscience</i> , 2021 , 15, 666710	5.1	5
292	Neuromodulation and neuroprotective effects of chlorogenic acids in excitatory synapses of mouse hippocampal slices. <i>Scientific Reports</i> , 2021 , 11, 10488	4.9	7
291	Adenosine A2A Receptors Contribute to the Radial Migration of Cortical Projection Neurons through the Regulation of Neuronal Polarization and Axon Formation. <i>Cerebral Cortex</i> , 2021 , 31, 5652-5663	5.1	4
290	L-Haminoadipate causes astrocyte pathology with negative impact on mouse hippocampal synaptic plasticity and memory. <i>FASEB Journal</i> , 2021 , 35, e21726	0.9	0
289	Deletion of CD73 increases exercise power in mice. <i>Purinergic Signalling</i> , 2021 , 17, 393-397	3.8	1
288	Adenosine A Receptors as Biomarkers of Brain Diseases. <i>Frontiers in Neuroscience</i> , 2021 , 15, 702581	5.1	2
287	Binge-Like Exposure During Adolescence Induces Detrimental Effects in Alveolar Bone that Persist in Adulthood. <i>Alcoholism: Clinical and Experimental Research</i> , 2021 , 45, 56-63	3.7	1
286	Use of knockout mice to explore CNS effects of adenosine. <i>Biochemical Pharmacology</i> , 2021 , 187, 114366		3
285	Subsynaptic Membrane Fractionation. <i>Neuromethods</i> , 2021 , 31-38	0.4	
284	Crosstalk Between ATP-P and Adenosine A Receptors Controlling Neuroinflammation in Rats Subject to Repeated Restraint Stress. <i>Frontiers in Cellular Neuroscience</i> , 2021 , 15, 639322	6.1	8
283	Extracellular Nucleotide Metabolism Promotes Neutrophils Extracellular Traps Escape. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021 , 11, 678568	5.9	1

282	Association Between Adenosine A Receptors and Connexin 43 Regulates Hemichannels Activity and ATP Release in Astrocytes Exposed to Amyloid- β Peptides. <i>Molecular Neurobiology</i> , 2021 , 58, 6232-6248	6.3	3
281	Increased ATP release and CD73-mediated adenosine A receptor activation mediate convulsion-associated neuronal damage and hippocampal dysfunction. <i>Neurobiology of Disease</i> , 2021 , 157, 105441	7.5	1
280	Motor Deficits Coupled to Cerebellar and Striatal Alterations in Ube3a Mice Modelling Angelman Syndrome Are Attenuated by Adenosine A Receptor Blockade. <i>Molecular Neurobiology</i> , 2021 , 58, 2543-2557	6.2	4
279	The Coffee-Acrylamide Apparent Paradox: An Example of Why the Health Impact of a Specific Compound in a Complex Mixture Should Not Be Evaluated in Isolation. <i>Nutrients</i> , 2020 , 12,	6.7	3
278	Control of NMDA Receptor-Mediated Currents by Adenosine A1 and A2A Receptors Within the Basolateral Amygdala. <i>Journal of Caffeine and Adenosine Research</i> , 2020 , 10, 61-70	1.6	4
277	Transient gain of function of cannabinoid CB receptors in the control of frontocortical glucose consumption in a rat model of Type-1 diabetes. <i>Brain Research Bulletin</i> , 2020 , 161, 106-115	3.9	1
276	Role of Adenosine in Epilepsy and Seizures. <i>Journal of Caffeine and Adenosine Research</i> , 2020 , 10, 45-60	1.6	16
275	Caffeine Consumption plus Physical Exercise Improves Behavioral Impairments and Stimulates Neuroplasticity in Spontaneously Hypertensive Rats (SHR): an Animal Model of Attention Deficit Hyperactivity Disorder. <i>Molecular Neurobiology</i> , 2020 , 57, 3902-3919	6.2	5
274	Control of glutamate release by complexes of adenosine and cannabinoid receptors. <i>BMC Biology</i> , 2020 , 18, 9	7.3	26
273	The belated US FDA approval of the adenosine A receptor antagonist istradefylline for treatment of Parkinson's disease. <i>Purinergic Signalling</i> , 2020 , 16, 167-174	3.8	64
272	Role of Neuropeptide S on Behavioural and Neurochemical Changes of an Animal Model of Attention-Deficit/Hyperactivity Disorder. <i>Neuroscience</i> , 2020 , 448, 140-148	3.9	1
271	Purinergic signaling orchestrating neuron-glia communication. <i>Pharmacological Research</i> , 2020 , 162, 105253	10.2	20
270	Adenosine A receptors format long-term depression and memory strategies in a mouse model of Angelman syndrome. <i>Neurobiology of Disease</i> , 2020 , 146, 105137	7.5	8
269	ATP Signaling Controlling Dyskinesia Through P2X7 Receptors. <i>Frontiers in Molecular Neuroscience</i> , 2020 , 13, 111	6.1	8
268	Neuronal adenosine A receptors signal ergogenic effects of caffeine. <i>Scientific Reports</i> , 2020 , 10, 13414	4.9	11
267	Neuroprotective effects of melatonin against neurotoxicity induced by intranasal sodium dimethyldithiocarbamate administration in mice. <i>NeuroToxicology</i> , 2020 , 80, 144-154	4.4	2
266	Prolonged caffeine intake decreases alveolar bone damage induced by binge-like ethanol consumption in adolescent female rats. <i>Biomedicine and Pharmacotherapy</i> , 2020 , 130, 110608	7.5	1
265	Age-related shift in LTD is dependent on neuronal adenosine A receptors interplay with mGluR5 and NMDA receptors. <i>Molecular Psychiatry</i> , 2020 , 25, 1876-1900	15.1	71

264	Microglia cytoarchitecture in the brain of adenosine A receptor knockout mice: Brain region and sex specificities. <i>European Journal of Neuroscience</i> , 2020 , 51, 1377-1387	3.5	10
263	Caffeine and cannabinoid receptors modulate impulsive behavior in an animal model of attentional deficit and hyperactivity disorder. <i>European Journal of Neuroscience</i> , 2019 , 49, 1673-1683	3.5	12
262	Enhanced ATP release and CD73-mediated adenosine formation sustain adenosine A receptor over-activation in a rat model of Parkinson's disease. <i>British Journal of Pharmacology</i> , 2019 , 176, 3666-3680	8.6	23
261	The physiological effects of caffeine on synaptic transmission and plasticity in the mouse hippocampus selectively depend on adenosine A and A receptors. <i>Biochemical Pharmacology</i> , 2019 , 166, 313-321	6	33
260	Signaling by adenosine receptors-Homeostatic or allostatic control?. <i>PLoS Biology</i> , 2019 , 17, e3000213	9.7	7
259	Treadmill Exercise Attenuates L-DOPA-Induced Dyskinesia and Increases Striatal Levels of Glial Cell-Derived Neurotrophic Factor (GDNF) in Hemiparkinsonian Mice. <i>Molecular Neurobiology</i> , 2019 , 56, 2944-2951	6.2	14
258	Guanosine Attenuates Behavioral Deficits After Traumatic Brain Injury by Modulation of Adenosinergic Receptors. <i>Molecular Neurobiology</i> , 2019 , 56, 3145-3158	6.2	17
257	Validation of an LC-MS/MS Method for the Quantification of Caffeine and Theobromine Using Non-Matched Matrix Calibration Curve. <i>Molecules</i> , 2019 , 24,	4.8	8
256	Synaptic and memory dysfunction in a β-amyloid model of early Alzheimer's disease depends on increased formation of ATP-derived extracellular adenosine. <i>Neurobiology of Disease</i> , 2019 , 132, 104570	7.5	37
255	Adenosine A and A receptors differently control synaptic plasticity in the mouse dorsal and ventral hippocampus. <i>Journal of Neurochemistry</i> , 2019 , 151, 227-237	6	9
254	Overactivity of neuronal adenosine A2A receptors accelerates neurodegeneration. <i>Brain</i> , 2019 , 142, 3323-3324	11.2	3
253	G protein-coupled receptor 37 (GPR37) emerges as an important modulator of adenosinergic transmission in the striatum. <i>Neural Regeneration Research</i> , 2019 , 14, 1912-1914	4.5	2
252	Chronic adenosine A receptor blockade induces locomotor sensitization and potentiates striatal LTD IN GPR37-deficient mice. <i>Journal of Neurochemistry</i> , 2019 , 148, 796-809	6	5
251	Purinergic signalling and brain development. <i>Seminars in Cell and Developmental Biology</i> , 2019 , 95, 34-41	7.5	19
250	Region-specific control of microglia by adenosine A receptors: uncoupling anxiety and associated cognitive deficits in female rats. <i>Glia</i> , 2019 , 67, 182-192	9	19
249	Glutamate-induced and NMDA receptor-mediated neurodegeneration entails P2Y1 receptor activation. <i>Cell Death and Disease</i> , 2018 , 9, 297	9.8	29
248	Adenosine A receptors modulate the dopamine D receptor-mediated inhibition of synaptic transmission in the mouse prefrontal cortex. <i>European Journal of Neuroscience</i> , 2018 , 47, 1127-1134	3.5	10
247	Chronic coffee consumption and respiratory disease: A systematic review. <i>Clinical Respiratory Journal</i> , 2018 , 12, 1283-1294	1.7	13

246	Distinct sensitivity to caffeine-induced insomnia related to age. <i>Journal of Psychopharmacology</i> , 2018 , 32, 89-95	4.6	9
245	Adenosine Receptors in Alzheimer's Disease 2018 , 259-280		3
244	Elevated Pressure Changes the Purinergic System of Microglial Cells. <i>Frontiers in Pharmacology</i> , 2018 , 9, 16	5.6	10
243	Adenosine A Receptors Control Glutamatergic Synaptic Plasticity in Fast Spiking Interneurons of the Prefrontal Cortex. <i>Frontiers in Pharmacology</i> , 2018 , 9, 133	5.6	16
242	The exercise sex gap and the impact of the estrous cycle on exercise performance in mice. <i>Scientific Reports</i> , 2018 , 8, 10742	4.9	22
241	Metabotropic glutamate type 5 receptor requires contactin-associated protein 1 to control memory formation. <i>Human Molecular Genetics</i> , 2018 , 27, 3528-3541	5.6	1
240	Repeated cycles of binge-like ethanol exposure induce immediate and delayed neurobehavioral changes and hippocampal dysfunction in adolescent female rats. <i>Behavioural Brain Research</i> , 2018 , 350, 99-108	3.4	19
239	Neuronal Adenosine A2A Receptors Are Critical Mediators of Neurodegeneration Triggered by Convulsions. <i>ENeuro</i> , 2018 , 5,	3.9	43
238	Impact of Caffeine Consumption on Type 2 Diabetes-Induced Spatial Memory Impairment and Neurochemical Alterations in the Hippocampus. <i>Frontiers in Neuroscience</i> , 2018 , 12, 1015	5.1	18
237	Adenosine A Receptors in the Rat Prelimbic Medial Prefrontal Cortex Control Delay-Based Cost-Benefit Decision Making. <i>Frontiers in Molecular Neuroscience</i> , 2018 , 11, 475	6.1	6
236	Promises of Caffeine in Attention-Deficit/Hyperactivity Disorder: From Animal Models to Clinical Practice. <i>Journal of Caffeine and Adenosine Research</i> , 2018 , 8, 131-142	1.6	6
235	Anandamide Effects in a Streptozotocin-Induced Alzheimer's Disease-Like Sporadic Dementia in Rats. <i>Frontiers in Neuroscience</i> , 2018 , 12, 653	5.1	17
234	Blockade of adenosine A receptors recovers early deficits of memory and plasticity in the triple transgenic mouse model of Alzheimer's disease. <i>Neurobiology of Disease</i> , 2018 , 117, 72-81	7.5	38
233	Caffeine Reverts Memory But Not Mood Impairment in a Depression-Prone Mouse Strain with Up-Regulated Adenosine A Receptor in Hippocampal Glutamate Synapses. <i>Molecular Neurobiology</i> , 2017 , 54, 1552-1563	6.2	38
232	Central Ghrelin Resistance Permits the Overconsolidation of Fear Memory. <i>Biological Psychiatry</i> , 2017 , 81, 1003-1013	7.9	32
231	Adenosine A receptors are up-regulated and control the activation of human alveolar macrophages. <i>Pulmonary Pharmacology and Therapeutics</i> , 2017 , 45, 90-94	3.5	11
230	Acyl ghrelin improves cognition, synaptic plasticity deficits and neuroinflammation following amyloid (A β -40) administration in mice. <i>Journal of Neuroendocrinology</i> , 2017 , 29,	3.8	32
229	Parkinson's disease-associated GPR37 receptor regulates cocaine-mediated synaptic depression in corticostriatal synapses. <i>Neuroscience Letters</i> , 2017 , 638, 162-166	3.3	6

228	Caffeine alleviates progressive motor deficits in a transgenic mouse model of spinocerebellar ataxia. <i>Annals of Neurology</i> , 2017 , 81, 407-418	9.4	15
227	Mitochondria in Excitatory and Inhibitory Synapses have Similar Susceptibility to Amyloid- β Peptides Modeling Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2017 , 60, 525-536	4.3	11
226	Adenosine A2A Receptors Modulate β Synuclein Aggregation and Toxicity. <i>Cerebral Cortex</i> , 2017 , 27, 718-730	5.1	53
225	Caffeine Controls Glutamatergic Synaptic Transmission and Pyramidal Neuron Excitability in Human Neocortex. <i>Frontiers in Pharmacology</i> , 2017 , 8, 899	5.6	12
224	Astrocytic A2A receptors: Novel targets to manage brain disorders. <i>Porto Biomedical Journal</i> , 2017 , 2, 178-179	1.1	
223	The Parkinson's disease-associated GPR37 receptor interacts with striatal adenosine A receptor controlling its cell surface expression and function in vivo. <i>Scientific Reports</i> , 2017 , 7, 9452	4.9	22
222	Brain Membrane Fractionation: An Ex Vivo Approach to Assess Subsynaptic Protein Localization. <i>Journal of Visualized Experiments</i> , 2017 ,	1.6	1
221	Antimicrobial peptide-gold nanoscale therapeutic formulation with high skin regenerative potential. <i>Journal of Controlled Release</i> , 2017 , 262, 58-71	11.7	30
220	Adenosine receptors: regulatory players in the preservation of mitochondrial function induced by ischemic preconditioning of rat liver. <i>Purinergic Signalling</i> , 2017 , 13, 179-190	3.8	9
219	Methamphetamine Induces Anhedonic-Like Behavior and Impairs Frontal Cortical Energetics in Mice. <i>CNS Neuroscience and Therapeutics</i> , 2017 , 23, 119-126	6.8	9
218	Adenosine A 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	15.1	51
217	Treatment with A receptor antagonist KW6002 and caffeine intake regulate microglia reactivity and protect retina against transient ischemic damage. <i>Cell Death and Disease</i> , 2017 , 8, e3065	9.8	36
216	Temporal Dissociation of Striatum and Prefrontal Cortex Uncouples Anhedonia and Defense Behaviors Relevant to Depression in 6-OHDA-Lesioned Rats. <i>Molecular Neurobiology</i> , 2016 , 53, 3891-3899	6.2	20
215	Microglia-derived purines modulate mossy fibre synaptic transmission and plasticity through P2X4 and A1 receptors. <i>European Journal of Neuroscience</i> , 2016 , 43, 1366-78	3.5	18
214	Early synaptic deficits in the APP/PS1 mouse model of Alzheimer's disease involve neuronal adenosine A2A receptors. <i>Nature Communications</i> , 2016 , 7, 11915	17.4	129
213	Age-Related Changes in the Synaptic Density of Amyloid- β Protein Precursor and Secretases in the Human Cerebral Cortex. <i>Journal of Alzheimer's Disease</i> , 2016 , 52, 1209-14	4.3	6
212	Adenosine A β receptors control the metabolic recovery after hypoxia in rat hippocampal slices. <i>Journal of Neurochemistry</i> , 2016 , 136, 947-57	6	15
211	Adenosine A Receptors in the Amygdala Control Synaptic Plasticity and Contextual Fear Memory. <i>Neuropsychopharmacology</i> , 2016 , 41, 2862-2871	8.7	49

210	Presynaptic P2X1-3 and β -containing nicotinic receptors assemble into functionally interacting ion channels in the rat hippocampus. <i>Neuropharmacology</i> , 2016 , 105, 241-257	5.5	11
209	Caffeine exposure during rat brain development causes memory impairment in a sex selective manner that is offset by caffeine consumption throughout life. <i>Behavioural Brain Research</i> , 2016 , 303, 76-84	3.4	14
208	High sucrose consumption induces memory impairment in rats associated with electrophysiological modifications but not with metabolic changes in the hippocampus. <i>Neuroscience</i> , 2016 , 315, 196-205	3.9	18
207	Characterization of extracellular nucleotide metabolism in <i>Candida albicans</i> . <i>FEMS Microbiology Letters</i> , 2016 , 363, fmv212	2.9	3
206	Stimulation of brain glucose uptake by cannabinoid CB2 receptors and its therapeutic potential in Alzheimer's disease. <i>Neuropharmacology</i> , 2016 , 110, 519-529	5.5	27
205	Decreased synaptic plasticity in the medial prefrontal cortex underlies short-term memory deficits in 6-OHDA-lesioned rats. <i>Behavioural Brain Research</i> , 2016 , 301, 43-54	3.4	20
204	Selective A2A receptor antagonist prevents microglia-mediated neuroinflammation and protects retinal ganglion cells from high intraocular pressure-induced transient ischemic injury. <i>Translational Research</i> , 2016 , 169, 112-28	11	60
203	The Association of Amyloid- β Protein Precursor With β and β Secretases in Mouse Cerebral Cortex Synapses Is Altered in Early Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2016 , 53, 5710-21	6.2	18
202	Blunted dynamics of adenosine A2A receptors is associated with increased susceptibility to <i>Candida albicans</i> infection in the elderly. <i>Oncotarget</i> , 2016 , 7, 62862-62872	3.3	5
201	Subsynaptic Membrane Fractionation. <i>Neuromethods</i> , 2016 , 31-37	0.4	3
200	Oncostatin M promotes excitotoxicity by inhibiting glutamate uptake in astrocytes: implications in HIV-associated neurotoxicity. <i>Journal of Neuroinflammation</i> , 2016 , 13, 144	10.1	23
199	Hierarchical glucocorticoid-endocannabinoid interplay regulates the activation of the nucleus accumbens by insulin. <i>Brain Research Bulletin</i> , 2016 , 124, 222-30	3.9	9
198	How does adenosine control neuronal dysfunction and neurodegeneration?. <i>Journal of Neurochemistry</i> , 2016 , 139, 1019-1055	6	222
197	Localization and Trafficking of Amyloid- β Protein Precursor and Secretases: Impact on Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2015 , 45, 329-47	4.3	49
196	Adenosine A2b receptors control A1 receptor-mediated inhibition of synaptic transmission in the mouse hippocampus. <i>European Journal of Neuroscience</i> , 2015 , 41, 878-88	3.5	34
195	Inactivation of adenosine A2A receptors reverses working memory deficits at early stages of Huntington's disease models. <i>Neurobiology of Disease</i> , 2015 , 79, 70-80	7.5	73
194	Deletion of adenosine A2A receptors from astrocytes disrupts glutamate homeostasis leading to psychomotor and cognitive impairment: relevance to schizophrenia. <i>Biological Psychiatry</i> , 2015 , 78, 763-770	7.4	86
193	Adenosine A(2A) receptors are necessary and sufficient to trigger memory impairment in adult mice. <i>British Journal of Pharmacology</i> , 2015 , 172, 3831-45	8.6	55

192	The role of parkinson's disease-associated receptor GPR37 in the hippocampus: functional interplay with the adenosinergic system. <i>Journal of Neurochemistry</i> , 2015 , 134, 135-46	6	30
191	Different danger signals differently impact on microglial proliferation through alterations of ATP release and extracellular metabolism. <i>Glia</i> , 2015 , 63, 1636-45	9	37
190	Lack of presynaptic interaction between glucocorticoid and CB1 cannabinoid receptors in GABA- and glutamatergic terminals in the frontal cortex of laboratory rodents. <i>Neurochemistry International</i> , 2015 , 90, 72-84	4.4	9
189	Caffeine consumption and exacerbations of chronic obstructive pulmonary disease: retrospective study. <i>Revista Portuguesa De Pneumologia</i> , 2015 , 21, 271-5		2
188	Adenosine A2B receptor activation stimulates glucose uptake in the mouse forebrain. <i>Purinergic Signalling</i> , 2015 , 11, 561-9	3.8	20
187	Hyperactivation of D1 and A2A receptors contributes to cognitive dysfunction in Huntington's disease. <i>Neurobiology of Disease</i> , 2015 , 74, 41-57	7.5	34
186	Adenosine A2AR blockade prevents neuroinflammation-induced death of retinal ganglion cells caused by elevated pressure. <i>Journal of Neuroinflammation</i> , 2015 , 12, 115	10.1	59
185	Does Caffeine Consumption Modify Cerebrospinal Fluid Amyloid- β Levels in Patients with Alzheimer's Disease?. <i>Journal of Alzheimer's Disease</i> , 2015 , 47, 1069-78	4.3	21
184	Ketone bodies effectively compete with glucose for neuronal acetyl-CoA generation in rat hippocampal slices. <i>NMR in Biomedicine</i> , 2015 , 28, 1111-6	4.4	23
183	The Effects of Different Concentrations of the α -Adrenoceptor Agonist Medetomidine on Basal Excitatory Synaptic Transmission and Synaptic Plasticity in Hippocampal Slices of Adult Mice. <i>Anesthesia and Analgesia</i> , 2015 , 120, 1130-1137	3.9	3
182	ATP as a multi-target danger signal in the brain. <i>Frontiers in Neuroscience</i> , 2015 , 9, 148	5.1	156
181	Caffeine acts through neuronal adenosine A2A receptors to prevent mood and memory dysfunction triggered by chronic stress. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 7833-8	11.5	181
180	Optogenetic activation of intracellular adenosine A2A receptor signaling in the hippocampus is sufficient to trigger CREB phosphorylation and impair memory. <i>Molecular Psychiatry</i> , 2015 , 20, 1339-49	15.1	71
179	Presynaptic adenosine A2A receptors dampen cannabinoid CB1 receptor-mediated inhibition of corticostriatal glutamatergic transmission. <i>British Journal of Pharmacology</i> , 2015 , 172, 1074-86	8.6	28
178	Role of Adenosine A2A Receptors in the Control of Neuroinflammation Relevance for Parkinson's Disease. <i>Current Topics in Neurotoxicity</i> , 2015 , 81-99		
177	Adenosine A2A Receptor-Mediated Control of Non-Motor Functions in Parkinson's Disease. <i>Current Topics in Neurotoxicity</i> , 2015 , 183-205		
176	Depression as a Glial-Based Synaptic Dysfunction. <i>Frontiers in Cellular Neuroscience</i> , 2015 , 9, 521	6.1	111
175	Subsynaptic localization of nicotinic acetylcholine receptor subunits: a comparative study in the mouse and rat striatum. <i>Neuroscience Letters</i> , 2014 , 566, 106-10	3.3	13

174	A single neurotoxic dose of methamphetamine induces a long-lasting depressive-like behaviour in mice. <i>Neurotoxicity Research</i> , 2014 , 25, 295-304	4.3	31
173	Clinically relevant concentrations of ketamine mainly affect long-term potentiation rather than basal excitatory synaptic transmission and do not change paired-pulse facilitation in mouse hippocampal slices. <i>Brain Research</i> , 2014 , 1560, 10-7	3.7	22
172	Caffeine Consumption in Patients with Obstructive Sleep Apnea: Retrospective Study. <i>Journal of Caffeine Research</i> , 2014 , 4, 9-11		2
171	The adenosine neuromodulation system in schizophrenia. <i>International Review of Neurobiology</i> , 2014 , 119, 395-449	4.4	27
170	Cellular prion protein is present in dopaminergic neurons and modulates the dopaminergic system. <i>European Journal of Neuroscience</i> , 2014 , 40, 2479-86	3.5	12
169	Cellular prion protein (PrP(C)) modulates ethanol-induced behavioral adaptive changes in mice. <i>Behavioural Brain Research</i> , 2014 , 271, 325-32	3.4	4
168	The P2X7 receptor antagonist Brilliant Blue G attenuates contralateral rotations in a rat model of Parkinsonism through a combined control of synaptotoxicity, neurotoxicity and gliosis. <i>Neuropharmacology</i> , 2014 , 81, 142-52	5.5	74
167	Regulation of fear responses by striatal and extrastriatal adenosine A2A receptors in forebrain. <i>Biological Psychiatry</i> , 2014 , 75, 855-63	7.9	65
166	Synaptic and sub-synaptic localization of amyloid- β protein precursor in the rat hippocampus. <i>Journal of Alzheimer's Disease</i> , 2014 , 40, 981-92	4.3	13
165	Hippocampal long-term potentiation in adult mice after recovery from ketamine anesthesia. <i>Lab Animal</i> , 2014 , 43, 353-7	0.4	4
164	Behavioral phenotyping of Parkin-deficient mice: looking for early preclinical features of Parkinson's disease. <i>PLoS ONE</i> , 2014 , 9, e114216	3.7	73
163	M16 D1R and A2AR Blockade Normalises PKA Activity and Improves Hippocampal-dependent Cognitive Dysfunction but not Motor Deficits in Huntington's Disease. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2014 , 85, A99-A100	5.5	1
162	Activation of microglia bolsters synapse formation. <i>Frontiers in Cellular Neuroscience</i> , 2014 , 8, 153	6.1	18
161	Nicotinic α 7 receptor activation selectively potentiates the function of NMDA receptors in glutamatergic terminals of the nucleus accumbens. <i>Frontiers in Cellular Neuroscience</i> , 2014 , 8, 332	6.1	27
160	Role of microglia adenosine A(2A) receptors in retinal and brain neurodegenerative diseases. <i>Mediators of Inflammation</i> , 2014 , 2014, 465694	4.3	56
159	ATP P2Y1 receptors control cognitive deficits and neurotoxicity but not glial modifications induced by brain ischemia in mice. <i>European Journal of Neuroscience</i> , 2014 , 39, 614-22	3.5	25
158	Overexpression of Adenosine A2A Receptors in Rats: Effects on Depression, Locomotion, and Anxiety. <i>Frontiers in Psychiatry</i> , 2014 , 5, 67	5	55
157	Predominant loss of glutamatergic terminal markers in a β amyloid peptide model of Alzheimer's disease. <i>Neuropharmacology</i> , 2014 , 76 Pt A, 51-6	5.5	64

156	Prolonged nicotine exposure down-regulates presynaptic NMDA receptors in dopaminergic terminals of the rat nucleus accumbens. <i>Neuropharmacology</i> , 2014 , 79, 488-97	5.5	32
155	Caffeine triggers behavioral and neurochemical alterations in adolescent rats. <i>Neuroscience</i> , 2014 , 270, 27-39	3.9	44
154	Activation of microglial cells triggers a release of brain-derived neurotrophic factor (BDNF) inducing their proliferation in an adenosine A2A receptor-dependent manner: A2A receptor blockade prevents BDNF release and proliferation of microglia. <i>Journal of Neuroinflammation</i> , 2013 , 10, 16	10.1	144
153	Spatial memory impairments in a prediabetic rat model. <i>Neuroscience</i> , 2013 , 250, 565-77	3.9	67
152	Exercise attenuates levodopa-induced dyskinesia in 6-hydroxydopamine-lesioned mice. <i>Neuroscience</i> , 2013 , 243, 46-53	3.9	30
151	Ecto-5'-nucleotidase (CD73)-mediated formation of adenosine is critical for the striatal adenosine A2A receptor functions. <i>Journal of Neuroscience</i> , 2013 , 33, 11390-9	6.6	111
150	Functional interaction between pre-synaptic β_2 -containing nicotinic and adenosine A2A receptors in the control of dopamine release in the rat striatum. <i>British Journal of Pharmacology</i> , 2013 , 169, 1600-11	8.6	23
149	Caffeine consumption prevents memory impairment, neuronal damage, and adenosine A2A receptors upregulation in the hippocampus of a rat model of sporadic dementia. <i>Journal of Alzheimer's Disease</i> , 2013 , 34, 509-18	4.3	92
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