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Extracellular levels of adenosine and its metabolites in the striatum of awake rats: inhibition of uptake and metaboli

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#	Paper	IF	Citations
183	Release of endogenous adenosine and its metabolites by the activation of NMDA receptors in the rat hippocampus in vivo. <i>British Journal of Pharmacology</i> , 1992 , 106, 632-8	8.6	57
182	Neuroprotective role of adenosine in cerebral ischaemia. 1992 , 13, 439-45		378
181	Transport and metabolism of D-[3H]adenosine and L-[3H]adenosine in rat cerebral cortical synaptoneurosomes. <i>Journal of Neurochemistry</i> , 1992 , 58, 1699-705	6	23
180	Ultrastructural localization of calcium in ischemic hippocampal slices: the influence of adenosine and theophylline. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1992 , 12, 520-4	7.3	27
179	Manipulation of endogenous adenosine affects seizure susceptibility. 1993 , 28, 410-415		13
178	Increases in interstitial adenosine and cerebral blood flow with inhibition of adenosine kinase and adenosine deaminase. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1993 , 13, 201-7	7.3	51
177	Changes in pial arteriolar diameter and CSF adenosine concentrations during hypoxia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1993 , 13, 214-20	7-3	31
176	Effect of K+ depolarization, tetrodotoxin, and NMDA receptor inhibition on extracellular adenosine levels in rat striatum. 1993 , 234, 61-5		57
175	Modulation of nerve and glial function by adenosinerole in the development of ischemic damage. 1994 , 26, 1227-36		76
174	Adenosine kinase and adenosine deaminase inhibition modulate spinal adenosine- and opioid agonist-induced antinociception in mice. 1994 , 271, 37-46		41
173	In vivo regulation of extracellular adenosine levels in the cerebral cortex by NMDA and muscarinic receptors. 1994 , 254, 277-82		34
172	Astra Award Lecture. Adenosine, adenosine receptors and the actions of caffeine. 1995 , 76, 93-101		406
171	5'-nucleotidase activates and an inhibitory antibody prevents neuritic differentiation of PC12 cells. 1995 , 7, 1172-9		31
170	Enhancement of NMDA-induced increases in levels of endogenous adenosine by adenosine deaminase and adenosine transport inhibition in rat striatum. 1995 , 702, 72-6		9
169	Adenosinergic modulation of respiratory neurones and hypoxic responses in the anaesthetized cat. 1995 , 483 (Pt 3), 769-81		83
168	Involvement of adenosine deaminase and adenosine kinase in regulating extracellular adenosine concentration in rat hippocampal slices. 1995 , 26, 387-95		120
167	The role of adenosine in the hypotensive actions of morphine. 1995 , 286, 315-19		3

[1999-1995]

166	Effect of locally infused 2-chloroadenosine, an A1 receptor agonist, on spontaneous and evoked dopamine release in rat neostriatum. <i>Neuroscience Letters</i> , 1995 , 185, 29-32	3.3	45	
165	In vivo regulation of acetylcholine release via adenosine A1 receptor in rat cerebral cortex. Neuroscience Letters, 1996 , 209, 181-4	3.3	19	
164	Potentiation of excitatory amino acid-evoked adenosine release from rat cortex by inhibitors of adenosine kinase and adenosine deaminase and by acadesine. 1996 , 303, 27-38		27	
163	Altered sensory behaviors in mice following manipulation of endogenous spinal adenosine neurotransmission. 1996 , 312, 7-14		22	
162	Chapter 11 Adenosine and Neuroprotection. <i>International Review of Neurobiology</i> , 1996 , 40, 259-280	4.4	154	
161	White Matter Stroke: Autoprotective Mechanisms with Therapeutic Implications. 1996 , 6, 59-65		10	
160	Effects of an inhibitor of adenosine deaminase, deoxycoformycin, and of nucleoside transport, propentofylline, on post-ischemic recovery of adenine nucleotides in rat brain. 1996 , 21, 347-53		9	
159	Potentiated cAMP rise in metabotropically stimulated rat cultured astrocytes by a Ca2+-related A1/A2 adenosine receptor cooperation. 1996 , 8, 1124-31		42	
158	Role of adenosine as a modulator of synaptic activity in the central nervous system. 1997 , 39, 353-91		155	
157	Cell surface adenosine deaminase: much more than an ectoenzyme. 1997 , 52, 283-94		209	
156	Protective mechanisms of adenosine in neurons and glial cells. 1997 , 825, 1-10		103	
155	The levels of adenosine and its metabolites in the guinea pig and rat brain during complete ischemia-in vivo study. 1998 , 787, 211-9		36	
154	Ecto-adenosine deaminase: An ecto-enzyme and a costimulatory protein acting on a variety of cell surface receptors. 1998 , 45, 261-268		10	
153	Neurochemical and morphological responses to acutely and chronically implanted brain microdialysis probes. 1998 , 82, 25-34		48	
152	Rapid temperature changes induce adenosine-mediated depression of synaptic transmission in hippocampal slices from rats (non-hibernators) but not in slices from golden hamsters (hibernators). 1998 , 86, 67-77		32	
151	Role of adenosine in cerebral vasodilator responses to sciatic nerve stimulation. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1998 , 18, 580-1	7.3	6	
	The state of the s			
150	Increased cerebral extracellular adenosine and decreased PGE2 during ethanol-induced inhibition of FBM. 1999 , 86, 1410-20		8	

148	Stimulation of adenosine A3 receptors in cerebral ischemia. Neuronal death, recovery, or both?. 1999 , 890, 93-106		45
147	Extracellular adenosine concentrations during in vitro ischaemia in rat hippocampal slices. <i>British Journal of Pharmacology</i> , 1999 , 127, 729-39	8.6	105
146	Adenosine and cerebral ischemia: therapeutic future or death of a brave concept?. 1999 , 365, 9-25		58
145	Role of endogenous adenosine in the expression of opiate withdrawal in rats. 1999 , 369, 39-42		22
144	Adenosine and cerebral ischemia: therapeutic future or death of a brave concept?. 1999 , 371, 85-102		86
143	Regulation of extracellular adenosine in rat hippocampal slices is temperature dependent: role of adenosine transporters. 2000 , 95, 81-8		49
142	Distribution, biochemistry and function of striatal adenosine A2A receptors. 1999 , 59, 355-96		416
141	Evidence for increased dorsal hippocampal adenosine release and metabolism during pharmacologically induced seizures in rats. 2000 , 872, 44-53		86
140	Regulation of Neurotransmitter Release in Basal Ganglia by Adenosine Receptor Agonists and Antagonists in Vitro and in Vivo. 2000 , 129-148		1
139	Adenosine as a volume transmission signal. A feedback detector of neuronal activation. 2000 , 125, 353-6	1	18
138	Adenosine receptor blockade reveals N-methyl-D-aspartate receptor- and voltage-sensitive dendritic spikes in rat hippocampal CA1 pyramidal cells in vitro. 2000 , 100, 21-31		12
137	Effect of adenosine kinase, adenosine deaminase and transport inhibitors on striatal dopamine and stereotypy after methamphetamine administration. <i>Neuropharmacology</i> , 2000 , 39, 2124-32	5.5	12
136	The role and regulation of adenosine in the central nervous system. 2001 , 24, 31-55		1236
135	Chronic hypoxia enhances adenosine release in rat PC12 cells by altering adenosine metabolism and membrane transport. <i>Journal of Neurochemistry</i> , 2000 , 74, 621-32	5	90
134	Comparison of the potency of adenosine as an agonist at human adenosine receptors expressed in Chinese hamster ovary cells. <i>Biochemical Pharmacology</i> , 2001 , 61, 443-8	6	340
133	Adenosine in the treatment of stroke: yes, maybe, or absolutely not?. 2001 , 10, 619-32		19
132	Effects of an adenosine kinase inhibitor and an adenosine deaminase inhibitor on accumulation of extracellular adenosine by equine articular chondrocytes. 2002 , 63, 1512-9		20
131	Role of adenosine A(1) receptor in angiotensin II- and norepinephrine-induced renal vasoconstriction. 2002 , 303, 117-23		11

(2004-2002)

130	Differences between rat primary cortical neurons and astrocytes in purine release evoked by ischemic conditions. <i>Neuropharmacology</i> , 2002 , 43, 836-46	5.5	48
129	Adenosine A1 receptors control dopamine D1-dependent [(3)H]GABA release in slices of substantia nigra pars reticulata and motor behavior in the rat. 2002 , 115, 743-51		45
128	Effects of salient environmental stimuli on extracellular adenosine levels in the rat nucleus accumbens measured by in vivo microdialysis. 2002 , 134, 485-92		6
127	Differential modulation of nucleus accumbens synapses. 2002 , 88, 142-51		23
126	Recovery of deficient cholinergic calcium signaling by adenosine in cultured rat cortical astrocytes. 2002 , 68, 615-21		16
125	Mechanisms of apoptosis induced by purine nucleosides in astrocytes. 2002 , 38, 179-90		81
124	Purine uptake and release in rat C6 glioma cells: nucleoside transport and purine metabolism under ATP-depleting conditions. <i>Journal of Neurochemistry</i> , 2000 , 75, 1528-38	6	34
123	Dopamine receptor blockade inhibits the amphetamine-induced release of diadenosine polyphosphates, diadenosine tetraphosphate and diadenosine pentaphosphate, from neostriatum of the conscious rat. <i>Journal of Neurochemistry</i> , 1995 , 64, 670-6	6	44
122	Phasic and tonic attenuation of EPSPs by inward rectifier K+ channels in rat hippocampal pyramidal cells. 2002 , 539, 67-75		73
121	Signalling from adenosine receptors to mitogen-activated protein kinases. 2003 , 15, 813-27		581
120	In vivo studies of the release of adenine 5?-nucleotides, adenosine, and its metabolites from the rat brain. 2003 , 58, 412-419		7
119	Caffeine reduces hypnotic effects of alcohol through adenosine A2A receptor blockade. <i>Neuropharmacology</i> , 2003 , 45, 977-85	5.5	72
118	Adenosine gates synaptic plasticity at hippocampal mossy fiber synapses. 2003 , 100, 14397-402		115
117	Brain to blood efflux transport of adenosine: blood-brain barrier studies in the rat. <i>Journal of Neurochemistry</i> , 2004 , 90, 272-86	6	33
116	The type 1 equilibrative nucleoside transporter regulates ethanol intoxication and preference. 2004 , 7, 855-61		209
115	Differential modulation of ATP-induced calcium signalling by A1 and A2 adenosine receptors in cultured cortical astrocytes. <i>British Journal of Pharmacology</i> , 2004 , 141, 935-42	8.6	28
114	Effect of reactive oxygen species on the metabolism of tryptophan in rat brain: influence of age. 2004 , 258, 145-53		16
113	Caffeine as a psychomotor stimulant: mechanism of action. 2004 , 61, 857-72		351

112	Adenosine and sleep-wake regulation. 2004 , 73, 379-96		455
111	Reverse microdialysis of a dopamine D2 receptor antagonist alters extracellular adenosine levels in the rat nucleus accumbens. 2004 , 44, 609-15		6
110	Adenosine transport in peripheral blood lymphocytes from Lesch-Nyhan patients. 2004 , 377, 733-9		13
109	In vivo co-ordinated interactions between inhibitory systems to control glutamate-mediated hippocampal excitability. <i>Journal of Neurochemistry</i> , 2005 , 95, 651-61	6	14
108	Transcriptional modulation of TCR, Notch and Wnt signaling pathways in SEB-anergized CD4+ T cells. 2005 , 6, 596-608		12
107	Interactions between adenosine A(2a) and dopamine D2 receptors in the control of [(3)H]GABA release in the globus pallidus of the rat. 2005 , 520, 43-50		23
106	Adenosine postsynaptically modulates supraoptic neuronal excitability. 2005 , 93, 535-47		34
105	Adenosine and brain function. International Review of Neurobiology, 2005, 63, 191-270	4.4	488
104	Adenosine A2A receptor stimulation decreases GAT-1-mediated GABA uptake in the globus pallidus of the rat. <i>Neuropharmacology</i> , 2006 , 51, 154-9	5.5	13
103	Adenosine extracellular brain concentrations and role of A2A receptors in ischemia. 2001 , 939, 74-84		96
102	Adenosine inhibits activity of hypocretin/orexin neurons by the A1 receptor in the lateral hypothalamus: a possible sleep-promoting effect. 2007 , 97, 837-48		154
101	Effect of systemic administration of adenosine on brain adenosine levels in pentylenetetrazol-induced seizure threshold in mice. <i>Neuroscience Letters</i> , 2007 , 425, 39-42	3.3	15
100	G protein-independent neuromodulatory action of adenosine on metabotropic glutamate signalling in mouse cerebellar Purkinje cells. 2007 , 581, 693-708		26
99	The type 1 equilibrative nucleoside transporter regulates anxiety-like behavior in mice. 2007 , 6, 776-83		48
98	A novel transverse push-pull microprobe: in vitro characterization and in vivo demonstration of the enzymatic production of adenosine in the spinal cord dorsal horn. <i>Journal of Neurochemistry</i> , 2001 , 76, 234-46	6	25
97	Adenosine in the central nervous system: release mechanisms and extracellular concentrations. Journal of Neurochemistry, 2001 , 79, 463-84	6	561
96	Transient adenosine efflux in the rat caudate-putamen. <i>Journal of Neurochemistry</i> , 2008 , 105, 1253-63	6	70
95	HIF-1 alpha is an essential effector for purine nucleoside-mediated neuroprotection against hypoxia in PC12 cells and primary cerebellar granule neurons. <i>Journal of Neurochemistry</i> , 2008 , 105, 190	0f-14	17

(2011-2008)

94	Developmental downregulation of excitatory GABAergic transmission in neocortical layer I via presynaptic adenosine A(1) receptors. 2008 , 18, 424-32		17
93	Visualisation of the effects of dilazep on rat afferent and efferent arterioles in vivo. 2008 , 31, 315-24		16
92	Adenosine and sleepWake regulation. 337-362		2
91	Adenosine receptors as drug targets. 2010 , 316, 1284-8		161
90	Effects of caffeine on striatal neurotransmission: focus on cannabinoid CB1 receptors. 2010 , 54, 525-31	l	9
89	Adenosine inhibits paraventricular pre-sympathetic neurons through ATP-dependent potassium channels. <i>Journal of Neurochemistry</i> , 2010 , 113, 530-42	6	22
88	Adenosine A(3) receptors regulate heart rate, motor activity and body temperature. <i>Acta Physiologica</i> , 2010 , 199, 221-30	5.6	31
87	Adenosine transport by plasma membrane monoamine transporter: reinvestigation and comparison with organic cations. 2010 , 38, 1798-805		29
86	Excitatory synaptic transmission in the spinal substantia gelatinosa is under an inhibitory tone of endogenous adenosine. <i>Neuroscience Letters</i> , 2010 , 477, 28-32	3.3	15
85	A1 receptors self-regulate adenosine release in the striatum: evidence of autoreceptor characteristics. 2010 , 171, 1006-15		28
84	International Union of Basic and Clinical Pharmacology. LXXXI. Nomenclature and classification of adenosine receptorsan update. 2011 , 63, 1-34		948
83	Adenosine A(1) receptors in human brain and transfected CHO cells: Inhibition of [(3)H]CPFPX binding by adenosine and caffeine. <i>Neuroscience Letters</i> , 2011 , 487, 415-20	3.3	8
82	Adenosine A1 receptor activation is arrhythmogenic in the developing heart through NADPH oxidase/ERK- and PLC/PKC-dependent mechanisms. <i>Journal of Molecular and Cellular Cardiology</i> , 2011 , 51, 945-54	5.8	13
81	Adenosine, energy metabolism and sleep homeostasis. <i>Sleep Medicine Reviews</i> , 2011 , 15, 123-35	10.2	186
80	Caffeine. 2011 , 355-364		5
79	Functional role of the polymorphic 647 T/C variant of ENT1 (SLC29A1) and its association with alcohol withdrawal seizures. <i>PLoS ONE</i> , 2011 , 6, e16331	3.7	36
78	The role of extracellular adenosine in chemical neurotransmission in the hippocampus and Basal Ganglia: pharmacological and clinical aspects. <i>Current Topics in Medicinal Chemistry</i> , 2011 , 11, 1034-46	3	102
77	Physiological and pathophysiological roles of adenosine. <i>Sleep and Biological Rhythms</i> , 2011 , 9, 24-28	1.3	10

76	Functionally biased modulation of A(3) adenosine receptor agonist efficacy and potency by imidazoquinolinamine allosteric enhancers. <i>Biochemical Pharmacology</i> , 2011 , 82, 658-68	6	51
75	Adenosine modulates the excitability of layer II stellate neurons in entorhinal cortex through A1 receptors. <i>Hippocampus</i> , 2011 , 21, 265-80	3.5	24
74	Adenosine and related drugs in brain diseases: present and future in clinical trials. <i>Current Topics in Medicinal Chemistry</i> , 2011 , 11, 1087-101	3	72
73	Stimulation of adenosine receptors in the nucleus accumbens reverses the expression of cocaine sensitization and cross-sensitization to dopamine D2 receptors in rats. <i>Neuropharmacology</i> , 2012 , 63, 1172-81	5.5	13
72	Neuroadaptations in adenosine receptor signaling following long-term ethanol exposure and withdrawal. <i>Alcoholism: Clinical and Experimental Research</i> , 2012 , 36, 4-13	3.7	27
71	Ecto-ATPase inhibition: ATP and adenosine release under physiological and ischemic in vivo conditions in the rat striatum. <i>Experimental Neurology</i> , 2012 , 233, 193-204	5.7	73
70	Adenosine A2A receptor in the monkey basal ganglia: ultrastructural localization and colocalization with the metabotropic glutamate receptor 5 in the striatum. <i>Journal of Comparative Neurology</i> , 2012 , 520, 570-89	3.4	38
69	Adenosine signaling pathways as potential therapeutic targets in respiratory disease. <i>Expert Opinion on Therapeutic Targets</i> , 2013 , 17, 761-72	6.4	17
68	Adenosine receptors as drug targetswhat are the challenges?. <i>Nature Reviews Drug Discovery</i> , 2013 , 12, 265-86	64.1	573
67	Sleep-wake sensitive mechanisms of adenosine release in the basal forebrain of rodents: an in vitro study. <i>PLoS ONE</i> , 2013 , 8, e53814	3.7	28
66	Adenosine and Autocrine Metabolic Regulation of Neuronal Activity. 2013, 71-85		2
65	Functional cooperation of metabotropic adenosine and glutamate receptors regulates postsynaptic plasticity in the cerebellum. <i>Journal of Neuroscience</i> , 2013 , 33, 18661-71	6.6	19
64	Adenosine as a regulator of NFB activation. <i>Acta Physiologica</i> , 2014 , 210, 465-7	5.6	
63	Adenosinea physiological or pathophysiological agent?. <i>Journal of Molecular Medicine</i> , 2014 , 92, 201-6	5.5	97
62	Adenosine increases LPS-induced nuclear factor kappa B activation in smooth muscle cells via an intracellular mechanism and modulates it via actions on adenosine receptors. <i>Acta Physiologica</i> , 2014 , 210, 590-9	5.6	6
61	Adenosine receptor neurobiology: overview. <i>International Review of Neurobiology</i> , 2014 , 119, 1-49	4.4	81
60	Clearance of rapid adenosine release is regulated by nucleoside transporters and metabolism. <i>Pharmacology Research and Perspectives</i> , 2015 , 3, e00189	3.1	25
59	Stimulation of gastric acid secretion by rabbit parietal cell A(2B) adenosine receptor activation. American Journal of Physiology - Cell Physiology, 2015, 309, C823-34	5.4	6

58 Adenosine Receptors as the Biochemical Target for Low Doses of Caffeine. **2015**, 831-834

57	Real-time monitoring of extracellular adenosine using enzyme-linked microelectrode arrays. Biosensors and Bioelectronics, 2015, 74, 512-7	11.8	28
56	Sensing Positive versus Negative Reward Signals through Adenylyl Cyclase-Coupled GPCRs in Direct and Indirect Pathway Striatal Medium Spiny Neurons. <i>Journal of Neuroscience</i> , 2015 , 35, 14017-30	6.6	40
55	Adenosine transiently modulates stimulated dopamine release in the caudate-putamen via A1 receptors. <i>Journal of Neurochemistry</i> , 2015 , 132, 51-60	6	39
54	Complex formation and functional interaction between adenosine A1 receptor and type-1 metabotropic glutamate receptor. <i>Journal of Pharmacological Sciences</i> , 2015 , 128, 125-30	3.7	10
53	Spinal neuroimmune activation is independent of T-cell infiltration and attenuated by A3 adenosine receptor agonists in a model of oxaliplatin-induced peripheral neuropathy. <i>Brain, Behavior, and Immunity</i> , 2015 , 44, 91-9	16.6	93
52	Role of adenosine receptor subtypes in methamphetamine reward and reinforcement. <i>Neuropharmacology</i> , 2015 , 89, 265-73	5.5	18
51	Regulation of bone and cartilage by adenosine signaling. <i>Purinergic Signalling</i> , 2016 , 12, 583-593	3.8	36
50	Identification of A3 adenosine receptor agonists as novel non-narcotic analgesics. <i>British Journal of Pharmacology</i> , 2016 , 173, 1253-67	8.6	51
49	Application of surface plasmon resonance imaging to monitoring G protein-coupled receptor signaling and its modulation in a heterologous expression system. <i>BMC Biotechnology</i> , 2016 , 16, 36	3.5	8
48	Variations of ATP and its metabolites in the hippocampus of rats subjected to pilocarpine-induced temporal lobe epilepsy. <i>Purinergic Signalling</i> , 2016 , 12, 295-302	3.8	18
47	Neuroprotective effects of adenosine deaminase in the striatum. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016 , 36, 709-20	7.3	9
46	Adenosine contribution to normal renal physiology and chronic kidney disease. <i>Molecular Aspects of Medicine</i> , 2017 , 55, 75-89	16.7	21
45	Adenosine and preeclampsia. <i>Molecular Aspects of Medicine</i> , 2017 , 55, 126-139	16.7	31
44	Adenosine and Sleep. Handbook of Experimental Pharmacology, 2019, 253, 359-381	3.2	32
43	Control of seizures by ketogenic diet-induced modulation of metabolic pathways. <i>Amino Acids</i> , 2017 , 49, 1-20	3.5	45
42	Adenosine: Direct and Indirect Actions on Gastric Acid Secretion. Frontiers in Physiology, 2017, 8, 737	4.6	8
41	Expression of Adenosine A Receptor and Adenosine Deaminase in Rabbit Gastric Mucosa ECL Cells. <i>Molecules</i> , 2017 , 22,	4.8	6

Caffeine. 2017, 399-411 40 1 The Role of Adenosine Signaling in Headache: A Review. Brain Sciences, 2017, 7, 39 30 3.4 Role of adenosine signaling in the pathogenesis of breast cancer. Journal of Cellular Physiology, 38 7 22 **2018**, 233, 1836-1843 Adenosine: An endogenous mediator in the pathogenesis of gynecological cancer. Journal of 13 37 Cellular Physiology, 2018, 233, 2715-2722 Targeting Adenosine Receptor Signaling in Cancer Immunotherapy. International Journal of 36 6.3 90 Molecular Sciences, 2018, 19. The potential role of adenosine signaling in the pathogenesis of melanoma. Biochemical 6 35 Pharmacology, **2018**, 156, 451-457 The Adenosine Receptor: A Homeostatic Neuromodulator for Fine-Tuning Control of Cognition. 1 34 2018, 379-411 The Adenosine-Receptor Axis in Chronic Pain. **2018**, 413-437 33 Adenosine Receptor Ligands on Cancer Therapy: A Review of Patent Literature. Recent Patents on 2.6 32 13 Anti-Cancer Drug Discovery, 2018, 13, 40-69 Continuous monitoring of adenosine and its metabolites using microdialysis coupled to microchip 6 3.2 31 electrophoresis with amperometric detection. Analytical Methods, 2018, 10, 3737-3744 Intracerebral microdialysis of adenosine and adenosine monophosphate - a systematic review and 6 30 12 meta-regression analysis of baseline concentrations. Journal of Neurochemistry, 2018, 147, 58-70 Gating and the Need for Sleep: Dissociable Effects of Adenosine A and A Receptors. Frontiers in 29 5.1 26 *Neuroscience*, **2019**, 13, 740 28 Adenosinergic Control of Sleep/Wake Behavior. Handbook of Behavioral Neuroscience, 2019, 30, 125-1360.7 1 Role of Mast Cell-Derived Adenosine in Cancer. International Journal of Molecular Sciences, 2019, 6.3 27 14 20, Effect of adenosine on short-term synaptic plasticity in mouse piriform cortex in vitro: adenosine 26 2.6 4 acts as a high-pass filter. *Physiological Reports*, **2019**, 7, e13992 The Purinome and the preBizinger Complex - A Milage of Unexplored Mechanisms That May 6.1 6 25 Modulate/Shape the Hypoxic Ventilatory Response. Frontiers in Cellular Neuroscience, 2019, 13, 365 Metabolic alterations in the tumor microenvironment and their role in oncogenesis. Cancer Letters, 6 24 9.9 2020, 484, 65-71 Allosteric Interactions between Adenosine A and Dopamine D Receptors in Heteromeric Complexes: Biochemical and Pharmacological Characteristics, and Opportunities for PET Imaging. 23 6.3 International Journal of Molecular Sciences, 2021, 22,

22	Tackling Immune Targets for Breast Cancer: Beyond PD-1/PD-L1 Axis. <i>Frontiers in Oncology</i> , 2021 , 11, 628138	5.3	7
21	Hypoxia and its impact on the tumour microenvironment of gastroesophageal cancers. <i>World Journal of Gastrointestinal Oncology</i> , 2021 , 13, 312-331	3.4	1
20	How Are Adenosine and Adenosine A Receptors Involved in the Pathophysiology of Amyotrophic Lateral Sclerosis?. <i>Biomedicines</i> , 2021 , 9,	4.8	О
19	Optimising the energetic cost of the glutamatergic synapse. <i>Neuropharmacology</i> , 2021 , 197, 108727	5.5	О
18	Adenosine and Metabolism Brief Historical Note. 2013 , 3-19		2
17	The Multifaceted Role of Adenosine in Experimental and Clinical Traumatic Brain Injury. 2001 , 37-56		1
16	Adenosine Receptors Regulate Bone Remodeling and Cartilage Physiology. 2018, 515-527		1
15	Adenosine neuromodulation and traumatic brain injury. Current Neuropharmacology, 2009, 7, 228-37	7.6	22
14	Neuroprotective Roles of the Adenosine A Receptor Agonist AST-004 in Mouse Model of Traumatic Brain Injury. <i>Neurotherapeutics</i> , 2021 , 1	6.4	О
13	Immunosuppressive metabolites in tumoral immune evasion: redundancies, clinical efforts, and pathways forward. 2021 , 9,		3
12	Localization of Adenosine Receptors in Brain and Periphery. 2000 , 17-30		
11	Homeostatic Effects of Adenosine on Potentially Neurotoxic Glial Cell Activation. 1997 , 83-90		
10	Role of Adenosine in Cerebral Vasodilator Responses to Sciatic Nerve Stimulation. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1998 , 580,581	7.3	
9	Critical View on the Usage of Ribavirin in Already Existing Psychostimulant-Use Disorder. <i>Current Pharmaceutical Design</i> , 2020 , 26, 466-484	3.3	1
8	Caffeine. 2022 , 489-502		
7	Allosteric Modulation of Adenosine A Receptors as a New Therapeutic Avenue <i>International Journal of Molecular Sciences</i> , 2022 , 23,	6.3	3
6	A adenosine receptor antagonists rescue lymphocyte activity in adenosine-producing patient-derived cancer models 2022 , 10,		2
5	Cholesterol Dependent Activity of the Adenosine A2A Receptor Is Modulated via the Cholesterol Consensus Motif. <i>Molecules</i> , 2022 , 27, 3529	4.8	3

4	Extracellular ATP and its derivatives provide spatiotemporal guidance for bone adaptation to wide spectrum of physical forces. 2022 , 17, 101608	O
3	The roles of metabolic profiles and intracellular signaling pathways of tumor microenvironment cells in angiogenesis of solid tumors. 2022 , 20,	O
2	Adenosinergic Pathway in Parkinson Disease: Recent Advances and Therapeutic Perspective.	О
1	Adenosine Receptor Signaling in Diseases with Focus on Cancer. 2022 , 10, 41-55	О