

Stefania Gessi

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154
papers

7,912
citations

51
h-index

84
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163
ext. papers

8,935
ext. citations

6.6
avg, IF

5.61
L-index

#	Paper	IF	Citations
154	A glance at adenosine receptors: novel target for antitumor therapy 2003 , 100, 31-48		373
153	Elevated expression of A3 adenosine receptors in human colorectal cancer is reflected in peripheral blood cells. <i>Clinical Cancer Research</i> , 2004 , 10, 5895-901	12.9	340
152	A(3) adenosine receptors in human neutrophils and promyelocytic HL60 cells: a pharmacological and biochemical study. <i>Molecular Pharmacology</i> , 2002 , 61, 415-24	4.3	317
151	Design, synthesis, and biological evaluation of new 8-heterocyclic xanthine derivatives as highly potent and selective human A2B adenosine receptor antagonists. <i>Journal of Medicinal Chemistry</i> , 2004 , 47, 1434-47	8.3	298
150	Pharmacology of Adenosine Receptors: The State of the Art. <i>Physiological Reviews</i> , 2018 , 98, 1591-1625	47.9	259
149	Pyrazolotriazolopyrimidine derivatives sensitize melanoma cells to the chemotherapeutic drugs: taxol and vindesine. <i>Biochemical Pharmacology</i> , 2003 , 66, 739-48	6	227
148	Adenosine receptor antagonists: translating medicinal chemistry and pharmacology into clinical utility. <i>Chemical Reviews</i> , 2008 , 108, 238-63	68.1	196
147	The A3 adenosine receptor: an enigmatic player in cell biology 2008 , 117, 123-40		177
146	Adenosine as a Multi-Signalling Guardian Angel in Human Diseases: When, Where and How Does it Exert its Protective Effects?. <i>Trends in Pharmacological Sciences</i> , 2016 , 37, 419-434	13.2	174
145	The A3 adenosine receptor: history and perspectives. <i>Pharmacological Reviews</i> , 2015 , 67, 74-102	22.5	162
144	Adenosine receptors and cancer. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2011 , 1808, 1400-12	3.8	158
143	Comparison of CGS 15943, ZM 241385 and SCH 58261 as antagonists at human adenosine receptors. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1999 , 359, 7-10	3.4	148
142	Caffeine inhibits adenosine-induced accumulation of hypoxia-inducible factor-1alpha, vascular endothelial growth factor, and interleukin-8 expression in hypoxic human colon cancer cells. <i>Molecular Pharmacology</i> , 2007 , 72, 395-406	4.3	136
141	A(2A) adenosine receptors in human peripheral blood cells. <i>British Journal of Pharmacology</i> , 2000 , 129, 2-11	8.6	124
140	Adenosine receptors as mediators of both cell proliferation and cell death of cultured human melanoma cells. <i>Journal of Investigative Dermatology</i> , 2002 , 119, 923-33	4.3	115
139	Adenosine modulates vascular endothelial growth factor expression via hypoxia-inducible factor-1 in human glioblastoma cells. <i>Biochemical Pharmacology</i> , 2006 , 72, 19-31	6	106
138	Effect of low frequency electromagnetic fields on A2A adenosine receptors in human neutrophils. <i>British Journal of Pharmacology</i> , 2002 , 136, 57-66	8.6	100

137	Characterization of adenosine receptors in bovine chondrocytes and fibroblast-like synoviocytes exposed to low frequency low energy pulsed electromagnetic fields. <i>Osteoarthritis and Cartilage</i> , 2008 , 16, 292-304	6.2	98
136	A3 adenosine receptor activation inhibits cell proliferation via phosphatidylinositol 3-kinase/Akt-dependent inhibition of the extracellular signal-regulated kinase 1/2 phosphorylation in A375 human melanoma cells. <i>Journal of Biological Chemistry</i> , 2005 , 280, 19516-26	5.4	98
135	A2A adenosine receptor overexpression and functionality, as well as TNF-alpha levels, correlate with motor symptoms in Parkinson's disease. <i>FASEB Journal</i> , 2010 , 24, 587-98	0.9	97
134	Adenosine receptors in colon carcinoma tissues and colon tumoral cell lines: focus on the A(3) adenosine subtype. <i>Journal of Cellular Physiology</i> , 2007 , 211, 826-36	7	96
133	Pharmacological and biochemical characterization of adenosine receptors in the human malignant melanoma A375 cell line. <i>British Journal of Pharmacology</i> , 2001 , 134, 1215-26	8.6	93
132	Alteration of adenosine receptors in patients with chronic obstructive pulmonary disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2006 , 173, 398-406	10.2	92
131	Dose and time effects of caffeine intake on human platelet adenosine A(2A) receptors : functional and biochemical aspects. <i>Circulation</i> , 2000 , 102, 285-9	16.7	92
130	Synthesis, biological activity, and molecular modeling investigation of new pyrazolo[4,3-e]-1,2,4-triazolo[1,5-c]pyrimidine derivatives as human A(3) adenosine receptor antagonists. <i>Journal of Medicinal Chemistry</i> , 2002 , 45, 770-80	8.3	90
129	Pharmacological and biochemical characterization of A3 adenosine receptors in Jurkat T cells. <i>British Journal of Pharmacology</i> , 2001 , 134, 116-26	8.6	88
128	Pulsed electromagnetic fields increased the anti-inflammatory effect of A2A and A2B adenosine receptors in human T/C-28a2 chondrocytes and hFOB 1.19 osteoblasts. <i>PLoS ONE</i> , 2013 , 8, e65561	3.7	84
127	A Adenosine Receptors as Modulators of Inflammation: From Medicinal Chemistry to Therapy. <i>Medicinal Research Reviews</i> , 2018 , 38, 1031-1072	14.4	82
126	Pyrazolo[4,3-e]1,2,4-triazolo[1,5-c]pyrimidine derivatives as highly potent and selective human A(3) adenosine receptor antagonists: influence of the chain at the N(8) pyrazole nitrogen. <i>Journal of Medicinal Chemistry</i> , 2000 , 43, 4768-80	8.3	82
125	Pyrazolo[4,3-e]-1,2,4-triazolo[1,5-c]pyrimidine derivatives as highly potent and selective human A(3) adenosine receptor antagonists. <i>Journal of Medicinal Chemistry</i> , 1999 , 42, 4473-8	8.3	75
124	The P2X7 receptor as a therapeutic target. <i>Expert Opinion on Therapeutic Targets</i> , 2008 , 12, 647-61	6.4	73
123	Expression of A3 adenosine receptors in human lymphocytes: up-regulation in T cell activation. <i>Molecular Pharmacology</i> , 2004 , 65, 711-9	4.3	72
122	Pharmacological and biochemical characterization of purified A2a adenosine receptors in human platelet membranes by [3H]-CGS 21680 binding. <i>British Journal of Pharmacology</i> , 1996 , 117, 1693-701	8.6	71
121	Morphine mediates a proinflammatory phenotype via μ opioid receptor-PKCe-Akt-ERK1/2 signaling pathway in activated microglial cells. <i>Biochemical Pharmacology</i> , 2013 , 86, 487-96	6	70
120	Hypoxia inhibits paclitaxel-induced apoptosis through adenosine-mediated phosphorylation of bad in glioblastoma cells. <i>Molecular Pharmacology</i> , 2007 , 72, 162-72	4.3	70

119	A3 adenosine receptors modulate hypoxia-inducible factor-1alpha expression in human A375 melanoma cells. <i>Neoplasia</i> , 2005 , 7, 894-903	6.4	70
118	Binding thermodynamics at A1 and A2A adenosine receptors. <i>Life Sciences</i> , 1996 , 59, 1373-88	6.8	70
117	Further studies on nociceptin-related peptides: discovery of a new chemical template with antagonist activity on the nociceptin receptor. <i>Journal of Medicinal Chemistry</i> , 2000 , 43, 2805-13	8.3	66
116	Adenosine modulates HIF-1{alpha}, VEGF, IL-8, and foam cell formation in a human model of hypoxic foam cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010 , 30, 90-7	9.4	65
115	Pathological overproduction: the bad side of adenosine. <i>British Journal of Pharmacology</i> , 2017 , 174, 1945-1960	6.4	64
114	Design, synthesis, and biological evaluation of C9- and C2-substituted pyrazolo[4,3-e]-1,2,4-triazolo[1,5-c]pyrimidines as new A2A and A3 adenosine receptors antagonists. <i>Journal of Medicinal Chemistry</i> , 2003 , 46, 1229-41	8.3	63
113	Adenosine receptor targeting in health and disease. <i>Expert Opinion on Investigational Drugs</i> , 2011 , 20, 1591-609	5.9	62
112	Adenosine and lymphocyte regulation. <i>Purinergic Signalling</i> , 2007 , 3, 109-16	3.8	62
111	Adenosine receptors in health and disease. <i>Advances in Pharmacology</i> , 2011 , 61, 41-75	5.7	59
110	A(2B) and A(3) adenosine receptors modulate vascular endothelial growth factor and interleukin-8 expression in human melanoma cells treated with etoposide and doxorubicin. <i>Neoplasia</i> , 2009 , 11, 1064-73	6.4	59
109	Expression, pharmacological profile, and functional coupling of A2B receptors in a recombinant system and in peripheral blood cells using a novel selective antagonist radioligand, [3H]MRE 2029-F20. <i>Molecular Pharmacology</i> , 2005 , 67, 2137-47	4.3	58
108	Modulation of metalloproteinase-9 in U87MG glioblastoma cells by A3 adenosine receptors. <i>Biochemical Pharmacology</i> , 2010 , 79, 1483-95	6	57
107	Deficiency of polycystin-2 reduces Ca2+ channel activity and cell proliferation in ADPKD lymphoblastoid cells. <i>FASEB Journal</i> , 2004 , 18, 884-6	0.9	56
106	N(6)-[(hetero)aryl/(cyclo)alkyl-carbamoyl-methoxy-phenyl]-(2-chloro)-5RN-ethylcarboxamido-adenosines: the first example of adenosine-related structures with potent agonist activity at the human A(2B) adenosine receptor. <i>Bioorganic and Medicinal Chemistry</i> , 2007 , 15, 2514-27	3.4	52
105	[3H]-SCH 58261 labelling of functional A2A adenosine receptors in human neutrophil membranes. <i>British Journal of Pharmacology</i> , 1998 , 123, 1723-31	8.6	51
104	Pharmacological characterization of novel adenosine ligands in recombinant and native human A2B receptors. <i>Biochemical Pharmacology</i> , 2005 , 70, 1601-12	6	51
103	Pyrazolo[4,3-e]-1,2,4-triazolo[1,5-c]pyrimidine derivatives as adenosine receptor antagonists. Influence of the N5 substituent on the affinity at the human A 3 and A 2B adenosine receptor subtypes: a molecular modeling investigation. <i>Journal of Medicinal Chemistry</i> , 2003 , 46, 4287-96	8.3	50
102	The activation of μ opioid receptor potentiates LPS-induced NF- κ B promoting an inflammatory phenotype in microglia. <i>FEBS Letters</i> , 2016 , 590, 2813-26	3.8	49

101	Antinociceptive effects of the selective CB2 agonist MT178 in inflammatory and chronic rodent pain models. <i>Pain</i> , 2013 , 154, 864-73	8	49
100	The effect of oxygen free radicals on calcium current and dihydropyridine binding sites in guinea-pig ventricular myocytes. <i>British Journal of Pharmacology</i> , 1996 , 118, 1278-84	8.6	49
99	Medicinal Chemistry, Pharmacology, and Clinical Implications of TRPV1 Receptor Antagonists. <i>Medicinal Research Reviews</i> , 2017 , 37, 936-983	14.4	47
98	The Role of Adenosine Receptors in Psychostimulant Addiction. <i>Frontiers in Pharmacology</i> , 2017 , 8, 985	5.6	46
97	TRR469, a potent A(1) adenosine receptor allosteric modulator, exhibits anti-nociceptive properties in acute and neuropathic pain models in mice. <i>Neuropharmacology</i> , 2014 , 81, 6-14	5.5	46
96	Cannabinoid CB(2) receptor attenuates morphine-induced inflammatory responses in activated microglial cells. <i>British Journal of Pharmacology</i> , 2012 , 166, 2371-85	8.6	46
95	A adenosine receptors stimulate IL-6 production in primary murine microglia through p38 MAPK kinase pathway. <i>Pharmacological Research</i> , 2017 , 117, 9-19	10.2	42
94	Adenosine Receptors as a Biological Pathway for the Anti-Inflammatory and Beneficial Effects of Low Frequency Low Energy Pulsed Electromagnetic Fields. <i>Mediators of Inflammation</i> , 2017 , 2017, 2740963	4.3	39
93	A(1) and A(3) adenosine receptors inhibit LPS-induced hypoxia-inducible factor-1 accumulation in murine astrocytes. <i>Pharmacological Research</i> , 2013 , 76, 157-70	10.2	39
92	Cannabinoid CB(2) receptors modulate ERK-1/2 kinase signalling and NO release in microglial cells stimulated with bacterial lipopolysaccharide. <i>British Journal of Pharmacology</i> , 2012 , 165, 1773-1788	8.6	39
91	Role and Function of A and A ₃ Adenosine Receptors in Patients with Ankylosing Spondylitis, Psoriatic Arthritis and Rheumatoid Arthritis. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	38
90	Multiple sclerosis lymphocytes upregulate A2A adenosine receptors that are antiinflammatory when stimulated. <i>European Journal of Immunology</i> , 2013 , 43, 2206-16	6.1	37
89	A(2A) adenosine receptors are differentially modulated by pharmacological treatments in rheumatoid arthritis patients and their stimulation ameliorates adjuvant-induced arthritis in rats. <i>PLoS ONE</i> , 2013 , 8, e54195	3.7	37
88	Allosteric enhancers of A1 adenosine receptors: state of the art and new horizons for drug development. <i>Current Medicinal Chemistry</i> , 2010 , 17, 3488-502	4.3	37
87	Characterization of A2A adenosine receptors in human lymphocyte membranes by [³ H]-SCH 58261 binding. <i>British Journal of Pharmacology</i> , 1997 , 122, 386-92	8.6	36
86	Fluorosulfonyl- and bis-(beta-chloroethyl)amino-phenylamino functionalized pyrazolo[4,3-e]1,2,4-triazolo[1,5-c]pyrimidine derivatives: irreversible antagonists at the human A3 adenosine receptor and molecular modeling studies. <i>Journal of Medicinal Chemistry</i> , 2001 , 44, 2735-42	8.3	36
85	Platelet alpha2-adrenoceptor alterations in patients with essential hypertension. <i>British Journal of Clinical Pharmacology</i> , 1999 , 47, 167-72	3.8	36
84	Pharmacology of [Tyr ¹]nociceptin analogs: receptor binding and bioassay studies. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1999 , 360, 270-7	3.4	36

83	Binding thermodynamics at the human neuronal nicotine receptor. <i>Biochemical Pharmacology</i> , 1998 , 55, 1189-97	6	35
82	[3H]-MRE 2029-F20, a selective antagonist radioligand for the human A2B adenosine receptors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004 , 14, 3607-10	2.9	34
81	A and a adenosine receptors affect HIF-1 β signaling in activated primary microglial cells. <i>Glia</i> , 2015 , 63, 1933-1952	9	33
80	Pulsed Electromagnetic Field Exposure Reduces Hypoxia and Inflammation Damage in Neuron-Like and Microglial Cells. <i>Journal of Cellular Physiology</i> , 2017 , 232, 1200-1208	7	32
79	Inhibition of A Adenosine Receptor Signaling in Cancer Cells Proliferation by the Novel Antagonist TP455. <i>Frontiers in Pharmacology</i> , 2017 , 8, 888	5.6	32
78	Pyrazolo[4,3-e]1,2,4-triazolo[1,5-c]pyrimidine ligands, new tools to characterize A3 adenosine receptors in human tumor cell lines. <i>Current Medicinal Chemistry</i> , 2005 , 12, 1319-29	4.3	32
77	Biochemical and Pharmacological Role of A Adenosine Receptors and Their Modulation as Novel Therapeutic Strategy. <i>Advances in Experimental Medicine and Biology</i> , 2017 , 1051, 193-232	3.6	31
76	Hydrogen sulfide modulates the release of nitric oxide and VEGF in human keratinocytes. <i>Pharmacological Research</i> , 2012 , 66, 428-36	10.2	31
75	The anti-tumor effect of A3 adenosine receptors is potentiated by pulsed electromagnetic fields in cultured neural cancer cells. <i>PLoS ONE</i> , 2012 , 7, e39317	3.7	31
74	Pharmacological characterization of P2X1 and P2X3 purinergic receptors in bovine chondrocytes. <i>Osteoarthritis and Cartilage</i> , 2008 , 16, 1421-9	6.2	31
73	Receptor binding thermodynamics as a tool for linking drug efficacy and affinity. <i>Il Farmaco</i> , 1998 , 53, 249-54		30
72	Modulation of the Akt/Ras/Raf/MEK/ERK pathway by A β adenosine receptor. <i>Purinergic Signalling</i> , 2006 , 2, 627-32	3.8	30
71	Changes in hippocampal and cortical B1 bradykinin receptor biological activity in two experimental models of epilepsy. <i>Neuroscience</i> , 1999 , 92, 1043-9	3.9	29
70	Adenosine receptors and diabetes: Focus on the A(2B) adenosine receptor subtype. <i>Pharmacological Research</i> , 2015 , 99, 229-36	10.2	27
69	A convenient synthesis by microwave heating and pharmacological evaluation of novel benzoyltriazole and saccharine derivatives as 5-HT(1A) receptor ligands. <i>European Journal of Pharmaceutical Sciences</i> , 2002 , 16, 15-28	5.1	27
68	Recent developments in the field of A3 adenosine receptor antagonists. <i>Drug Development Research</i> , 2003 , 58, 315-329	5.1	27
67	Alteration of A(3) adenosine receptors in human neutrophils and low frequency electromagnetic fields. <i>Biochemical Pharmacology</i> , 2003 , 66, 1897-906	6	26
66	Thermodynamics of 5-HT3 receptor binding discriminates agonistic from antagonistic behaviour. <i>European Journal of Pharmacology</i> , 1996 , 298, 329-34	5.3	26

65	Glucocorticoid β pharmacology: past, present and future. <i>Current Pharmaceutical Design</i> , 2010 , 16, 3540-53	5.3	25
64	Binding thermodynamics at the human A(3) adenosine receptor. <i>Biochemical Pharmacology</i> , 2002 , 63, 157-61	6	25
63	Synthesis by microwave irradiation and binding properties of novel 5-HT1A receptor ligands. <i>European Journal of Medicinal Chemistry</i> , 2001 , 36, 873-886	6.8	25
62	Positive allosteric modulation of A adenosine receptors as a novel and promising therapeutic strategy for anxiety. <i>Neuropharmacology</i> , 2016 , 111, 283-292	5.5	24
61	Binding thermodynamics of 5-HT1A receptor ligands. <i>European Journal of Pharmacology</i> , 1996 , 312, 107-14	5.4	23
60	Deficiency of polycystic kidney disease-1 gene (PKD1) expression increases A(3) adenosine receptors in human renal cells: implications for cAMP-dependent signalling and proliferation of PKD1-mutated cystic cells. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2009 , 1792, 531-40	6.9	22
59	Therapeutic potential of adenosine receptor antagonists and agonists. <i>Expert Opinion on Therapeutic Patents</i> , 2007 , 17, 979-91	6.8	22
58	Binding thermodynamics at the human cannabinoid CB1 and CB2 receptors. <i>Biochemical Pharmacology</i> , 2010 , 79, 471-7	6	20
57	Receptor binding thermodynamics at the neuronal nicotinic receptor. <i>Current Topics in Medicinal Chemistry</i> , 2004 , 4, 361-8	3	20
56	Pyrazolo[4,3-e]1,2,4-triazolo[1,5-c]pyrimidine derivatives as adenosine receptor ligands: A starting point for searching A2B adenosine receptor antagonists. <i>Drug Development Research</i> , 2001 , 53, 225-235	5.1	19
55	Pulsed electromagnetic field and relief of hypoxia-induced neuronal cell death: The signaling pathway. <i>Journal of Cellular Physiology</i> , 2019 , 234, 15089	7	19
54	Synthesis and preliminary biological evaluation of [3H]-MRE 3008-F20: the first high affinity radioligand antagonist for the human A3 adenosine receptors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2000 , 10, 209-11	2.9	18
53	Thermodynamics of A2B adenosine receptor binding discriminates agonistic from antagonistic behaviour. <i>Biochemical Pharmacology</i> , 2008 , 75, 562-9	6	17
52	Targeting A3 and A2A adenosine receptors in the fight against cancer. <i>Expert Opinion on Therapeutic Targets</i> , 2019 , 23, 669-678	6.4	16
51	Human vascular kinin receptors of the B2 type characterized by radioligand binding. <i>British Journal of Pharmacology</i> , 1997 , 122, 1450-4	8.6	15
50	Synthesis of 3,6-diazabicyclo[3.1.1]heptanes as novel ligands for the opioid receptors. <i>Bioorganic and Medicinal Chemistry</i> , 2006 , 14, 676-91	3.4	15
49	Effects of two-carbon bridge region methoxylation of benztropine: discovery of novel chiral ligands for the dopamine transporter. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2001 , 11, 823-7	2.9	14
48	Synthesis, modelling, and mu-opioid receptor affinity of N-3(9)-arylpropenyl-N-9(3)-propionyl-3,9-diazabicycl. <i>Il Farmaco</i> , 2000 , 55, 553-62		14

47	Synthesis, molecular modeling and SAR study of novel pyrazolo[5,1-f][1,6]naphthyridines as CB receptor antagonists/inverse agonists. <i>Bioorganic and Medicinal Chemistry</i> , 2016 , 24, 5291-5301	3.4	12
46	New milrinone analogues: in vitro study of structure-activity relationships for positive inotropic effect, antagonism towards endogenous adenosine, and inhibition of cardiac type III phosphodiesterase. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2003 , 367, 109-18	3.4	12
45	Synthesis and preliminary biological evaluation of novel N-substituted 1-amino-3-[1-methyl(phenyl)-1H-indazol-4-yloxy]-propan-2-ols interesting as potential antiarrhythmic, local anaesthetic and analgesic agents. <i>Arzneimittelforschung</i> , 2000 , 50, 963-72		12
44	From tyrosine to glycine: synthesis and biological activity of potent antagonists of the purinergic P2X7 receptor. <i>Journal of Medicinal Chemistry</i> , 2007 , 50, 3706-15	8.3	11
43	Synthesis, radiolabeling, and preliminary biological evaluation of [3H]-1-[(S)-N,O-bis-(isoquinolinesulfonyl)-N-methyl-tyrosyl]-4-(o-tolyl)-piperazine, a potent antagonist radioligand for the P2X7 receptor. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004 , 14, 5709-12	2.9	11
42	Characterization of intrinsic sympathomimetic activity of carteolol in rat cardiovascular preparations. <i>Journal of Pharmacological Sciences</i> , 2004 , 95, 115-23	3.7	11
41	Water-soluble pyrazolo[4,3-e][1,2,4]triazolo[1,5-c]pyrimidines as human A _{2A} adenosine receptor antagonists. <i>Journal of Medicinal Chemistry</i> , 2012 , 55, 5380-90	8.3	10
40	Adenosine receptors and human melanoma. <i>Drug Development Research</i> , 2003 , 58, 377-385	5.1	10
39	Pyrazolo[4,3-e]1,2,4-triazolo[1,5-c]pyrimidine derivatives: A new pharmacological tool for the characterization of the human A ₃ adenosine receptor. <i>Drug Development Research</i> , 2001 , 52, 406-415	5.1	10
38	Platelet alpha ₂ -adrenoceptor alterations in patients with essential hypertension are normalized after treatment with doxazosin but not propranolol. <i>Journal of Hypertension</i> , 2000 , 18, 217-21	1.9	10
37	Synthesis, molecular modeling, and opioid receptor affinity of 9, 10-diazatricyclo[4.2.1.1(2,5)]decanes and 2,7-diazatricyclo[4.4.0.0(3,8)]decanes structurally related to 3,8-diazabicyclo[3.2.1]octanes. <i>Journal of Medicinal Chemistry</i> , 2000 , 43, 2115-23	8.3	10
36	Alpha ₂ -adrenergic agonist modulation of [35S]GTPgammaS binding to guanine-nucleotide-binding-proteins in human platelet membranes. <i>Life Sciences</i> , 1999 , 64, 1403-13	6.8	10
35	Adenosine Receptors: Structure, Distribution, and Signal Transduction 2018 , 33-57		9
34	Downregulation of A ₁ and A _{2B} adenosine receptors in human trisomy 21 mesenchymal cells from first-trimester chorionic villi. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2012 , 1822, 1660-70	6.9	9
33	Binding thermodynamic characterization of human P2X1 and P2X3 purinergic receptors. <i>Biochemical Pharmacology</i> , 2008 , 75, 1198-208	6	9
32	Synthesis and pharmacology of 6-substituted benzotropines: discovery of novel dopamine uptake inhibitors possessing low binding affinity to the dopamine transporter. <i>Journal of Medicinal Chemistry</i> , 2005 , 48, 3337-43	8.3	8
31	An Open Question: Is the A Adenosine Receptor a Novel Target for Alzheimer's Disease Treatment?. <i>Frontiers in Pharmacology</i> , 2021 , 12, 652455	5.6	8
30	Deregulation of Adenosine Receptors in Psoriatic Epidermis: An Option for Therapeutic Treatment. <i>Journal of Investigative Dermatology</i> , 2017 , 137, 11-13	4.3	7

29	Targeting adenosine receptors to prevent inflammatory skin diseases. <i>Experimental Dermatology</i> , 2014 , 23, 553-4	4	7
28	Cytokine Profiling in Myeloproliferative Neoplasms: Overview on Phenotype Correlation, Outcome Prediction, and Role of Genetic Variants. <i>Cells</i> , 2020 , 9,	7.9	7
27	Upregulation of Cortical A2A Adenosine Receptors Is Reflected in Platelets of Patients with Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2021 , 80, 1105-1117	4.3	7
26	The Detrimental Action of Adenosine on Glutamate-Induced Cytotoxicity in PC12 Cells Can Be Shifted towards a Neuroprotective Role through AAR Positive Allosteric Modulation. <i>Cells</i> , 2020 , 9,	7.9	6
25	Novel selective antagonist radioligands for the pharmacological study of A(2B) adenosine receptors. <i>Purinergic Signalling</i> , 2006 , 2, 583-8	3.8	6
24	4-(4-Fluorobenzoyl)-1-[2-(4-iodo-2,5-dimethoxyphenyl)ethyl]piperidine and its derivatives: synthesis and affinity at 5-HT _{2A} , 5-HT _{2B} and 5-HT _{2C} serotonin receptors. <i>European Journal of Medicinal Chemistry</i> , 1999 , 34, 843-852	6.8	6
23	Synthesis and Biological Evaluation of Pyrazolo[3,4-b]pyridin-4-ones as a New Class of Topoisomerase II Inhibitors. <i>Medicinal Chemistry</i> , 2015 , 11, 342-53	1.8	6
22	Signaling pathways involved in anti-inflammatory effects of Pulsed Electromagnetic Field in microglial cells. <i>Cytokine</i> , 2020 , 125, 154777	4	6
21	Adenosine Receptors and Current Opportunities to Treat Cancer 2018 , 543-555		5
20	Adenosine A _{2A} receptors of human circulating blood elements. <i>Drug Development Research</i> , 1998 , 45, 253-260	5.1	4
19	Synthesis and Biological Evaluation of Allosteric A ₁ -Adenosine Receptor Modulators Structurally Related to (2-Amino-4,5,6,7-Tetrahydro-Benzo[B]Thiophen-3-YL)-(4-Chloro-Phenyl)-Methanone, a Potent Compound Useful to Reduce Neuropathic Pain. <i>Medicinal Chemistry Research</i> , 2005 , 14, 125-142	2.2	4
18	Early changes in adenosine A ₁ receptors in cerebral cortex slices submitted to in vitro ischemia. <i>Neurochemistry International</i> , 1999 , 34, 517-22	4.4	4
17	A ₃ Adenosine Receptor Regulation of Cells of the Immune System and Modulation of Inflammation 2010 , 235-256		4
16	Alzheimer and Purinergic Signaling: Just a Matter of Inflammation?. <i>Cells</i> , 2021 , 10,	7.9	4
15	Temperature dependence and GABA modulation of beta-carboline binding to rat cerebellum benzodiazepine receptors. <i>Life Sciences</i> , 1999 , 64, PL185-92	6.8	3
14	Antioxidant and Antiinflammatory Effects of , and Plant Extracts in Macrophage and Microglial Cells. <i>Cells</i> , 2021 , 10,	7.9	3
13	A Adenosine Receptor as a Potential Biomarker and a Possible Therapeutic Target in Alzheimer's Disease. <i>Cells</i> , 2021 , 10,	7.9	3
12	van Hoff Based Thermodynamics. <i>Methods and Principles in Medicinal Chemistry</i> , 2015 , 15-35	0.4	2

11	Benzocondensed derivatives as rigid analogues of the mu-opioid agonist 3(8)-cinnamyl-8(3)-propionyl-3,8-diazabicyclo[3.2.1]octanes: synthesis, modeling, and affinity. // <i>Farmaco</i> , 1998 , 53, 667-74		2
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