

Maria P Abbraccio

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198
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12,102
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h-index

105
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205
ext. papers

13,255
ext. citations

6.1
avg, IF

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L-index

#	Paper	IF	Citations
198	International Union of Pharmacology LVIII: update on the P2Y G protein-coupled nucleotide receptors: from molecular mechanisms and pathophysiology to therapy. <i>Pharmacological Reviews</i> , 2006 , 58, 281-341	22.5	996
197	Purinoceptors: are there families of P2X and P2Y purinoceptors? 1994 , 64, 445-75		919
196	Purinergic signalling in the nervous system: an overview. <i>Trends in Neurosciences</i> , 2009 , 32, 19-29	13.3	630
195	Trophic actions of extracellular nucleotides and nucleosides on glial and neuronal cells. <i>Trends in Neurosciences</i> , 1996 , 19, 13-8	13.3	392
194	THE CONCISE GUIDE TO PHARMACOLOGY 2019/20: G protein-coupled receptors. <i>British Journal of Pharmacology</i> , 2019 , 176 Suppl 1, S21-S141	8.6	391
193	Characterization of the UDP-glucose receptor (re-named here the P2Y14 receptor) adds diversity to the P2Y receptor family. <i>Trends in Pharmacological Sciences</i> , 2003 , 24, 52-5	13.2	351
192	Purinergic signalling: pathophysiological roles. <i>The Japanese Journal of Pharmacology</i> , 1998 , 78, 113-45		345
191	The orphan receptor GPR17 identified as a new dual uracil nucleotides/cysteinyl-leukotrienes receptor. <i>EMBO Journal</i> , 2006 , 25, 4615-27	13	341
190	Purinergic signalling: from normal behaviour to pathological brain function. <i>Progress in Neurobiology</i> , 2011 , 95, 229-74	10.9	308
189	Towards a revised nomenclature for P1 and P2 receptors. <i>Trends in Pharmacological Sciences</i> , 1997 , 18, 79-82	13.2	265
188	Nucleotide-mediated calcium signaling in rat cortical astrocytes: Role of P2X and P2Y receptors. <i>Glia</i> , 2003 , 43, 218-03	9	205
187	Antitumor effects of cannabidiol, a nonpsychoactive cannabinoid, on human glioma cell lines. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2004 , 308, 838-45	4.7	185
186	Purinergic signalling in inflammation of the central nervous system. <i>Trends in Neurosciences</i> , 2009 , 32, 79-87	13.3	168
185	The recently identified P2Y-like receptor GPR17 is a sensor of brain damage and a new target for brain repair. <i>PLoS ONE</i> , 2008 , 3, e3579	3.7	167
184	To be or not to be (inflamed)--is that the question in anti-inflammatory drug therapy of neurodegenerative disorders?. <i>Trends in Pharmacological Sciences</i> , 2005 , 26, 517-25	13.2	152
183	Modulation of astroglial cell proliferation by analogues of adenosine and ATP in primary cultures of rat striatum. <i>Neuroscience</i> , 1994 , 59, 67-76	3.9	130
182	Pathophysiological roles of extracellular nucleotides in glial cells: differential expression of purinergic receptors in resting and activated microglia. <i>Brain Research Reviews</i> , 2005 , 48, 144-56		129

181	Phenotypic changes, signaling pathway, and functional correlates of GPR17-expressing neural precursor cells during oligodendrocyte differentiation. <i>Journal of Biological Chemistry</i> , 2011 , 286, 10593-604	5.4	128
180	A role for P2X7 in microglial proliferation. <i>Journal of Neurochemistry</i> , 2006 , 99, 745-58	6	113
179	Blockade of A2A adenosine receptors prevents basic fibroblast growth factor-induced reactive astrogliosis in rat striatal primary astrocytes. <i>Glia</i> , 2003 , 43, 190-4	9	112
178	Structural and functional rejuvenation of the aged brain by an approved anti-asthmatic drug. <i>Nature Communications</i> , 2015 , 6, 8466	17.4	101
177	Calcitonin gene-related peptide-mediated enhancement of purinergic neuron/glia communication by the algogenic factor bradykinin in mouse trigeminal ganglia from wild-type and R192Q Cav2.1 Knock-in mice: implications for basic mechanisms of migraine pain. <i>Journal of Neuroscience</i> , 2011 , 31, 3638-49	6.6	101
176	Cloning, pharmacological characterisation and distribution of the rat G-protein-coupled P2Y(13) receptor. <i>Biochemical Pharmacology</i> , 2004 , 68, 113-24	6	101
175	Adenosine A3 receptor agonists protect HL-60 and U-937 cells from apoptosis induced by A3 antagonists. <i>Biochemical and Biophysical Research Communications</i> , 1997 , 232, 317-22	3.4	94
174	Functions, dysfunctions and possible therapeutic relevance of adenosine A2A receptors in Huntington's disease. <i>Progress in Neurobiology</i> , 2007 , 81, 331-48	10.9	94
173	The P2Y-like receptor GPR17 as a sensor of damage and a new potential target in spinal cord injury. <i>Brain</i> , 2009 , 132, 2206-18	11.2	89
172	Adenosine-induced cell death: evidence for receptor-mediated signalling. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 1999 , 4, 197-211	5.4	88
171	The GPR17 receptor in NG2 expressing cells: focus on in vivo cell maturation and participation in acute trauma and chronic damage. <i>Glia</i> , 2011 , 59, 1958-73	9	83
170	Aberrant amplification of A2A receptor signaling in striatal cells expressing mutant huntingtin. <i>FASEB Journal</i> , 2001 , 15, 1245-1247	0.9	82
169	Peripheral benzodiazepine receptor ligands: mitochondrial transmembrane potential depolarization and apoptosis induction in rat C6 glioma cells. <i>Biochemical Pharmacology</i> , 2004 , 68, 125-34	6	81
168	Purinoreceptor nomenclature: A status report. <i>Drug Development Research</i> , 1993 , 28, 207-213	5.1	80
167	The A3 adenosine receptor mediates cell spreading, reorganization of actin cytoskeleton, and distribution of Bcl-XL: studies in human astrogloma cells. <i>Biochemical and Biophysical Research Communications</i> , 1997 , 241, 297-304	3.4	79
166	A novel action for adenosine: apoptosis of astroglial cells in rat brain primary cultures. <i>Biochemical and Biophysical Research Communications</i> , 1995 , 213, 908-15	3.4	79
165	Temporomandibular joint inflammation activates glial and immune cells in both the trigeminal ganglia and in the spinal trigeminal nucleus. <i>Molecular Pain</i> , 2010 , 6, 89	3.4	78
164	Characterization of the signalling pathways involved in ATP and basic fibroblast growth factor-induced astrogliosis. <i>British Journal of Pharmacology</i> , 1997 , 121, 1692-9	8.6	78

163	Roles of P2 receptors in glial cells: focus on astrocytes. <i>Purinergic Signalling</i> , 2006 , 2, 595-604	3.8	78
162	Brain adenosine receptors as targets for therapeutic intervention in neurodegenerative diseases. <i>Annals of the New York Academy of Sciences</i> , 1999 , 890, 79-92	6.5	78
161	Changes of peripheral A2A adenosine receptors in chronic heart failure and cardiac transplantation. <i>FASEB Journal</i> , 2003 , 17, 280-2	0.9	76
160	Characterization of the Ca ²⁺ responses evoked by ATP and other nucleotides in mammalian brain astrocytes. <i>British Journal of Pharmacology</i> , 1997 , 121, 1700-6	8.6	73
159	Modulation of apoptosis by adenosine in the central nervous system: a possible role for the A3 receptor. Pathophysiological significance and therapeutic implications for neurodegenerative disorders. <i>Annals of the New York Academy of Sciences</i> , 1997 , 825, 11-22	6.5	72
158	Activation of the A3 adenosine receptor affects cell cycle progression and cell growth. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2000 , 361, 225-34	3.4	70
157	Factors influencing the phagocytosis, neoplastic transformation, and cytotoxicity of particulate nickel compounds in tissue culture systems. <i>Toxicology and Applied Pharmacology</i> , 1981 , 60, 313-23	4.6	70
156	Apoptosis by 2-chloro-2'-deoxy-adenosine and 2-chloro-adenosine in human peripheral blood mononuclear cells. <i>Neurochemistry International</i> , 1998 , 32, 493-504	4.4	69
155	Purinoreceptor-mediated calcium signaling in primary neuron-glia trigeminal cultures. <i>Cell Calcium</i> , 2008 , 43, 576-90	4	69
154	Aberrant A2A receptor function in peripheral blood cells in Huntington's disease. <i>FASEB Journal</i> , 2003 , 17, 2148-50	0.9	69
153	Early and transient alteration of adenosine A2A receptor signaling in a mouse model of Huntington disease. <i>Neurobiology of Disease</i> , 2006 , 23, 44-53	7.5	68
152	Induction of COX-2 and reactive gliosis by P2Y receptors in rat cortical astrocytes is dependent on ERK1/2 but independent of calcium signalling. <i>Journal of Neurochemistry</i> , 2002 , 83, 1285-96	6	68
151	Detrimental and protective action of microglial extracellular vesicles on myelin lesions: astrocyte involvement in remyelination failure. <i>Acta Neuropathologica</i> , 2019 , 138, 987-1012	14.3	67
150	Cyclo-oxygenase-2 mediates P2Y receptor-induced reactive astrogliosis. <i>British Journal of Pharmacology</i> , 1999 , 126, 563-7	8.6	67
149	A3 adenosine receptors in human astrocytoma cells: agonist-mediated desensitization, internalization, and down-regulation. <i>Molecular Pharmacology</i> , 2002 , 62, 1373-84	4.3	62
148	Regulation of A2B adenosine receptor functioning by tumour necrosis factor α in human astroglial cells. <i>Journal of Neurochemistry</i> , 2004 , 91, 1180-90	6	59
147	Microglia is a key player in the reduction of stroke damage promoted by the new antithrombotic agent ticagrelor. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014 , 34, 979-88	7.3	58
146	Extrinsic purinergic regulation of neural stem/progenitor cells: implications for CNS development and repair. <i>Stem Cell Reviews and Reports</i> , 2012 , 8, 755-67	6.4	56

145	Effects of ATP analogues and basic fibroblast growth factor on astroglial cell differentiation in primary cultures of rat striatum. <i>International Journal of Developmental Neuroscience</i> , 1995 , 13, 685-93	2.7	56
144	Prolonged in vitro exposure of rat brain slices to adenosine analogues: selective desensitization of adenosine A1 but not A2 receptors. <i>European Journal of Pharmacology</i> , 1992 , 227, 317-24		56
143	GPR17 expressing NG2-Glia: Oligodendrocyte progenitors serving as a reserve pool after injury. <i>Glia</i> , 2016 , 64, 287-99	9	55
142	CysLT1 leukotriene receptor antagonists inhibit the effects of nucleotides acting at P2Y receptors. <i>Biochemical Pharmacology</i> , 2005 , 71, 115-25	6	54
141	The phagocytosis and transforming activity of crystalline metal sulfide particles are related to their negative surface charge. <i>Carcinogenesis</i> , 1982 , 3, 175-80	4.6	54
140	CysLT1 receptor is a target for extracellular nucleotide-induced heterologous desensitization: a possible feedback mechanism in inflammation. <i>Journal of Cell Science</i> , 2005 , 118, 5625-36	5.3	53
139	Key concepts and critical issues on epoetin and filgrastim biosimilars. A position paper from the Italian Society of Hematology, Italian Society of Experimental Hematology, and Italian Group for Bone Marrow Transplantation. <i>Haematologica</i> , 2011 , 96, 937-42	6.6	52
138	Frontal affinity chromatography-mass spectrometry useful for characterization of new ligands for GPR17 receptor. <i>Journal of Medicinal Chemistry</i> , 2010 , 53, 3489-501	8.3	51
137	P2Y2 receptor antagonists as anti-allodynic agents in acute and sub-chronic trigeminal sensitization: role of satellite glial cells. <i>Glia</i> , 2015 , 63, 1256-69	9	50
136	P1 receptors and cytokine secretion. <i>Purinergic Signalling</i> , 2007 , 3, 13-25	3.8	50
135	Expression and contribution of satellite glial cells purinoceptors to pain transmission in sensory ganglia: an update. <i>Neuron Glia Biology</i> , 2010 , 6, 31-42		49
134	CNS remyelination as a novel reparative approach to neurodegenerative diseases: The roles of purinergic signaling and the P2Y-like receptor GPR17. <i>Neuropharmacology</i> , 2016 , 104, 82-93	5.5	48
133	Expression of the new P2Y-like receptor GPR17 during oligodendrocyte precursor cell maturation regulates sensitivity to ATP-induced death. <i>Glia</i> , 2011 , 59, 363-78	9	48
132	THE CONCISE GUIDE TO PHARMACOLOGY 2021/22: G protein-coupled receptors. <i>British Journal of Pharmacology</i> , 2021 , 178 Suppl 1, S27-S156	8.6	46
131	Changes of the GPR17 receptor, a new target for neurorepair, in neurons and glial cells in patients with traumatic brain injury. <i>Purinergic Signalling</i> , 2013 , 9, 451-62	3.8	45
130	UDP-glucose enhances outward K(+) currents necessary for cell differentiation and stimulates cell migration by activating the GPR17 receptor in oligodendrocyte precursors. <i>Glia</i> , 2013 , 61, 1155-71	9	45
129	Pathophysiological Role of Purines and Pyrimidines in Neurodevelopment: Unveiling New Pharmacological Approaches to Congenital Brain Diseases. <i>Frontiers in Pharmacology</i> , 2017 , 8, 941	5.6	45
128	In silico identification of new ligands for GPR17: a promising therapeutic target for neurodegenerative diseases. <i>Journal of Computer-Aided Molecular Design</i> , 2011 , 25, 743-52	4.2	45

127	The role of oligodendrocyte precursor cells expressing the GPR17 receptor in brain remodeling after stroke. <i>Cell Death and Disease</i> , 2017 , 8, e2871	9.8	44
126	Functional characterization of two isoforms of the P2Y-like receptor GPR17: [³⁵ S]GTPγS binding and electrophysiological studies in 1321N1 cells. <i>American Journal of Physiology - Cell Physiology</i> , 2009 , 297, C1028-40	5.4	44
125	Development of an immobilized GPR17 receptor stationary phase for binding determination using frontal affinity chromatography coupled to mass spectrometry. <i>Analytical Biochemistry</i> , 2009 , 384, 123-9 ^{3.1}		44
124	Different pathways of apoptosis revealed by 2-chloro-adenosine and deoxy-D-ribose in mammalian astroglial cells. <i>Journal of Neuroscience Research</i> , 1997 , 47, 372-83	4.4	43
123	GPR17: molecular modeling and dynamics studies of the 3-D structure and purinergic ligand binding features in comparison with P2Y receptors. <i>BMC Bioinformatics</i> , 2008 , 9, 263	3.6	42
122	P2 receptors in human heart: upregulation of P2X6 in patients undergoing heart transplantation, interaction with TNFα and potential role in myocardial cell death. <i>Journal of Molecular and Cellular Cardiology</i> , 2005 , 39, 929-39	5.8	41
121	P1 and P2 receptors in cell growth and differentiation 1996 , 39, 393-406		41
120	Oxygen-glucose deprivation increases the enzymatic activity and the microvesicle-mediated release of ectonucleotidases in the cells composing the blood-brain barrier. <i>Neurochemistry International</i> , 2011 , 59, 259-71	4.4	40
119	The recently deorphanized GPR80 (GPR99) proposed to be the P2Y ₁₅ receptor is not a genuine P2Y receptor. <i>Trends in Pharmacological Sciences</i> , 2005 , 26, 8-9	13.2	40
118	A key role for caspase-2 and caspase-3 in the apoptosis induced by 2-chloro-2'-deoxy-adenosine (cladribine) and 2-chloro-adenosine in human astrocytoma cells. <i>Molecular Pharmacology</i> , 2003 , 63, 1437-47	4.7	39
117	Regulation of PC12 cell survival and differentiation by the new P2Y-like receptor GPR17. <i>Cellular Signalling</i> , 2010 , 22, 697-706	4.9	38
116	Adenosine A3 receptors and viability of astrocytes 1998 , 45, 379-386		38
115	Apoptosis induced by 2-chloro-adenosine and 2-chloro-2'-deoxy-adenosine in a human astrocytoma cell line: differential mechanisms and possible clinical relevance. <i>Journal of Neuroscience Research</i> , 2000 , 60, 388-400	4.4	38
114	Early phenotypic asymmetry of sister oligodendrocyte progenitor cells after mitosis and its modulation by aging and extrinsic factors. <i>Glia</i> , 2015 , 63, 271-86	9	37
113	Adenosine A3 receptor agonist-induced neurotoxicity in rat cerebellar granule neurons 1997 , 40, 267-273		37
112	Adenosine, the imperfect endogenous anti-ischemic cardio-neuroprotector. <i>Brain Research Bulletin</i> , 2000 , 52, 75-82	3.9	37
111	The ubiquitin ligase Mdm2 controls oligodendrocyte maturation by intertwining mTOR with G protein-coupled receptor kinase 2 in the regulation of GPR17 receptor desensitization. <i>Glia</i> , 2015 , 63, 2327-39	9	36
110	European Stroke Prevention Study-2 results: serendipitous demonstration of neuroprotection induced by endogenous adenosine accumulation?. <i>Trends in Pharmacological Sciences</i> , 1998 , 19, 14-6	13.2	36

109	Modulation of cyclooxygenase-2 and brain reactive astrogliosis by purinergic P2 receptors. <i>Annals of the New York Academy of Sciences</i> , 2001 , 939, 54-62	6.5	36
108	Cytoplasmic dissolution of phagocytized crystalline nickel sulfide particles: a prerequisite for nuclear uptake of nickel. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 1982 , 9, 663-76	3.2	35
107	MiR-125a-3p timely inhibits oligodendroglial maturation and is pathologically up-regulated in human multiple sclerosis. <i>Scientific Reports</i> , 2016 , 6, 34503	4.9	34
106	Upregulation of A2A adenosine receptor expression by TNF-alpha in PBMC of patients with CHF: a regulatory mechanism of inflammation. <i>Journal of Cardiac Failure</i> , 2005 , 11, 67-73	3.3	34
105	Adenosine receptors linked to adenylyl cyclase activity in human neuroblastoma cells: modulation during cell differentiation. <i>Neuroscience</i> , 1989 , 30, 819-25	3.9	34
104	Biological abnormalities of peripheral A(2A) receptors in a large representation of polyglutamine disorders and Huntington's disease stages. <i>Neurobiology of Disease</i> , 2007 , 27, 36-43	7.5	33
103	Denervation and hyperinnervation in the nervous system of diabetic animals. II. Monoaminergic and peptidergic alterations in the diabetic encephalopathy. <i>Journal of Neuroscience Research</i> , 1989 , 24, 362-8	4.4	33
102	Does GRK- β -arrestin machinery work as a "switch on" for GPR17-mediated activation of intracellular signaling pathways?. <i>Cellular Signalling</i> , 2014 , 26, 1310-25	4.9	32
101	Purinergic trophic signalling in glial cells: functional effects and modulation of cell proliferation, differentiation, and death. <i>Purinergic Signalling</i> , 2012 , 8, 539-57	3.8	32
100	The regulation of ionic nickel uptake and cytotoxicity by specific amino acids and serum components. <i>Biological Trace Element Research</i> , 1982 , 4, 289-301	4.5	32
99	The regulated expression, intracellular trafficking, and membrane recycling of the P2Y-like receptor GPR17 in Oli-neu oligodendroglial cells. <i>Journal of Biological Chemistry</i> , 2013 , 288, 5241-56	5.4	31
98	Different properties of P2X(7) receptor in hippocampal and cortical astrocytes. <i>Purinergic Signalling</i> , 2009 , 5, 233-40	3.8	31
97	Signalling mechanisms involved in P2Y receptor-mediated reactive astrogliosis. <i>Progress in Brain Research</i> , 1999 , 120, 333-42	2.9	31
96	Role of purinergic signalling in neuro-immune cells and adult neural progenitors. <i>Frontiers in Bioscience - Landmark</i> , 2011 , 16, 2326-41	2.8	30
95	Differential local tissue permissiveness influences the final fate of GPR17-expressing oligodendrocyte precursors in two distinct models of demyelination. <i>Glia</i> , 2018 , 66, 1118-1130	9	29
94	Purines regulate adult brain subventricular zone cell functions: contribution of reactive astrocytes. <i>Glia</i> , 2014 , 62, 428-39	9	29
93	A novel gliotic P2 receptor mediating cyclooxygenase-2 induction in rat and human astrocytes. <i>Journal of the Autonomic Nervous System</i> , 2000 , 81, 3-9		28
92	Oxysterols act as promiscuous ligands of class-A GPCRs: in silico molecular modeling and in vitro validation. <i>Cellular Signalling</i> , 2014 , 26, 2614-20	4.9	27

91	Purines and cell death 1996 , 39, 442-449		27
90	Pathophysiological Roles of P2 Receptors in Glial Cells. <i>Novartis Foundation Symposium</i> , 91-106		27
89	The A3 adenosine receptor induces cytoskeleton rearrangement in human astrocytoma cells via a specific action on Rho proteins. <i>Annals of the New York Academy of Sciences</i> , 2001 , 939, 63-73	6.5	26
88	Denervation and hyperinnervation in the nervous system of diabetic animals: III. Functional alterations of G proteins in diabetic encephalopathy. <i>Journal of Neuroscience Research</i> , 1989 , 24, 517-23	4.4	26
87	Agonist-induced desensitization/resensitization of human G protein-coupled receptor 17: a functional cross-talk between purinergic and cysteinyl-leukotriene ligands. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2011 , 338, 559-67	4.7	25
86	Forced unbinding of GPR17 ligands from wild type and R255I mutant receptor models through a computational approach. <i>BMC Structural Biology</i> , 2010 , 10, 8	2.7	25
85	Resistance of human astrocytoma cells to apoptosis induced by mitochondria-damaging agents: possible implications for anticancer therapy. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2005 , 314, 825-37	4.7	24
84	Pathophysiological roles of P2 receptors in glial cells. <i>Novartis Foundation Symposium</i> , 2006 , 276, 91-103; discussion 103-12, 275-81		24
83	Improvement of fiber connectivity and functional recovery after stroke by montelukast, an available and safe anti-asthmatic drug. <i>Pharmacological Research</i> , 2019 , 142, 223-236	10.2	22
82	Adenosine modulates the dopaminergic function in the nigro-striatal system by interacting with striatal dopamine dependent adenylate cyclase. <i>Pharmacological Research Communications</i> , 1987 , 19, 275-86		22
81	Regulation of Erythropoietin Receptor Activity in Endothelial Cells by Different Erythropoietin (EPO) Derivatives: An in Vitro Study. <i>International Journal of Molecular Sciences</i> , 2013 , 14, 2258-81	6.3	21
80	Cardiomyocyte death induced by ischaemic/hypoxic stress is differentially affected by distinct purinergic P2 receptors. <i>Journal of Cellular and Molecular Medicine</i> , 2012 , 16, 1074-84	5.6	19
79	Pharmacological Properties and Biological Functions of the GPR17 Receptor, a Potential Target for Neuro-Regenerative Medicine. <i>Advances in Experimental Medicine and Biology</i> , 2017 , 1051, 169-192	3.6	19
78	Adenosine- and 2-chloro-adenosine-induced cytopathic effects on myoblastic cells and myotubes: involvement of different intracellular mechanisms. <i>Neuromuscular Disorders</i> , 2000 , 10, 436-46	2.9	19
77	Purple Corn Extract as Anti-allodynic Treatment for Trigeminal Pain: Role of Microglia. <i>Frontiers in Cellular Neuroscience</i> , 2018 , 12, 378	6.1	19
76	Synthesis and pharmacological characterization of 2-(4-chloro-3-hydroxyphenyl)ethylamine and N,N-dialkyl derivatives as dopamine receptor ligands. <i>Journal of Medicinal Chemistry</i> , 1992 , 35, 4408-14	8.3	17
75	Short-term TNF-Alpha treatment induced A2B adenosine receptor desensitization in human astroglial cells. <i>Journal of Cellular Biochemistry</i> , 2008 , 104, 150-61	4.7	16
74	Abnormal Upregulation of GPR17 Receptor Contributes to Oligodendrocyte Dysfunction in SOD1 G93A Mice. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	16

73	Expression of dual nucleotides/cysteinyl-leukotrienes receptor GPR17 in early trafficking of cardiac stromal cells after myocardial infarction. <i>Journal of Cellular and Molecular Medicine</i> , 2014 , 18, 1785-96	5.6	15
72	Deorphanisation of G protein-coupled receptors: A tool to provide new insights in nervous system pathophysiology and new targets for psycho-active drugs. <i>Neurochemistry International</i> , 2008 , 52, 339-54	4.4	15
71	Methylazoxymethanol-induced microencephaly: persistent increase of cortical somatostatin-like immunoreactivity. <i>Developmental Brain Research</i> , 1989 , 47, 156-9		15
70	Involvement of arachidonic acid metabolites in beta-adrenoceptor desensitization: functional and biochemical studies. <i>European Journal of Pharmacology</i> , 1984 , 106, 601-6	5.3	15
69	In Memoriam Geoffrey Burnstock: Creator of Purinergic Signaling. <i>Function</i> , 2020 , 1,	6.1	15
68	In vivo silencing of miR-125a-3p promotes myelin repair in models of white matter demyelination. <i>Glia</i> , 2020 , 68, 2001-2014	9	14
67	Behavioral teratology: an inappropriate term for some uninterpretable effects. <i>Trends in Pharmacological Sciences</i> , 1988 , 9, 13-5	13.2	14
66	Differences in surface properties of amorphous and crystalline metal sulfides may explain their toxicological potency. <i>Chemosphere</i> , 1981 , 10, 897-908	8.4	14
65	SNX27, a protein involved in down syndrome, regulates GPR17 trafficking and oligodendrocyte differentiation. <i>Glia</i> , 2016 , 64, 1437-60	9	14
64	Chronic inflammatory diseases: do immunological patterns drive the choice of biotechnology drugs? A critical review. <i>Autoimmunity</i> , 2014 , 47, 287-306	3	13
63	Proteasome inhibitors potentiate etoposide-induced cell death in human astrocytoma cells bearing a mutated p53 isoform. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006 , 319, 1424-34	4.7	13
62	Selective activity of bamifylline on adenosine A1-receptors in rat brain. <i>Pharmacological Research Communications</i> , 1987 , 19, 537-45		13
61	Microglial vesicles improve post-stroke recovery by preventing immune cell senescence and favoring oligodendrogenesis. <i>Molecular Therapy</i> , 2021 , 29, 1439-1458	11.7	13
60	Regulation and signaling of the GPR17 receptor in oligodendroglial cells. <i>Glia</i> , 2020 , 68, 1957-1967	9	12
59	A new role for the P2Y-like GPR17 receptor in the modulation of multipotency of oligodendrocyte precursor cells in vitro. <i>Purinergic Signalling</i> , 2016 , 12, 661-672	3.8	12
58	A rapid and efficient immunoenzymatic assay to detect receptor protein interactions: G protein-coupled receptors. <i>International Journal of Molecular Sciences</i> , 2014 , 15, 6252-64	6.3	12
57	Activation and Desensitization of Rat A-Adenosine Receptors by Selective Adenosine Derivatives and Xanthine-7-Ribosides. <i>Drug Development Research</i> , 1998 , 44, 97-105	5.1	12
56	A(2b) receptor mediates adenosine inhibition of taurine efflux from pituicytes. <i>Biology of the Cell</i> , 2007 , 99, 445-54	3.5	12

55	Diabetes-induced alterations of central nervous system G proteins. ADP-ribosylation, immunoreactivity, and gene-expression studies in rat striatum. <i>Molecular and Chemical Neuropathology</i> , 1992 , 17, 259-72		12
54	Basal astrocyte and microglia activation in the central nervous system of Familial Hemiplegic Migraine Type I mice. <i>Cephalalgia</i> , 2019 , 39, 1809-1817	6.1	11
53	Adenosine signaling in glioma cells. <i>Advances in Experimental Medicine and Biology</i> , 2013 , 986, 13-30	3.6	11
52	Comparison and optimization of transient transfection methods at human astrocytoma cell line 1321N1. <i>Analytical Biochemistry</i> , 2011 , 414, 300-2	3.1	11
51	Actin cytoskeleton as a target for 2-chloro adenosine: evidence for induction of apoptosis in C2C12 myoblastic cells. <i>Biochemical and Biophysical Research Communications</i> , 1997 , 238, 361-6	3.4	11
50	Arachidonic acid metabolites and lung beta-adrenoceptor desensitization. <i>Pharmacological Research Communications</i> , 1986 , 18, 93-110		11
49	Beta-adrenoceptor desensitization in rat lung: functional and biochemical aspects. <i>European Journal of Pharmacology</i> , 1983 , 89, 35-42	5.3	11
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