

# Martin Reddington

## List of Publications by Year in descending order

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46  
papers

2,274  
citations

236925

25  
h-index

289244

40  
g-index

47  
all docs

47  
docs citations

47  
times ranked

1118  
citing authors

#	ARTICLE	IF	CITATIONS
1	8-Cyclopentyl-1,3-dipropylxanthine (DPCPX) ? a selective high affinity antagonist radioligand for A1 adenosine receptors. Naunyn-Schmiedeberg's Archives of Pharmacology, 1987, 336, 204-210.	3.0	367
2	Subcellular Localization of 5'-Nucleotidase in Rat Brain. Journal of Neurochemistry, 1984, 43, 971-978.	3.9	189
3	An A1-adenosine receptor, characterized by [3H]cyclohexyladenosine binding, mediates the depression of evoked potentials in a rat hippocampal slice preparation. Neuroscience Letters, 1982, 28, 275-279.	2.1	140
4	Both A1 and A2a Purine Receptors Regulate Striatal Acetylcholine Release. Journal of Neurochemistry, 1990, 55, 31-38.	3.9	137
5	The cellular localization of adenosine receptors in rat neostriatum. Neuroscience, 1989, 28, 645-651.	2.3	120
6	Autoradiographic evidence for multiple CNS binding sites for adenosine derivatives. Neuroscience, 1986, 19, 535-549.	2.3	92
7	Regulation of the strength of adenosine modulation in the hippocampus by a differential distribution of the density of A1 receptors. Brain Research, 1983, 260, 156-159.	2.2	90
8	Calcitonin gene-related peptide and ATP induce immediate early gene expression in cultured rat microglial cells. Glia, 1995, 15, 447-457.	4.9	77
9	1,3-Dipropyl-8-cyclopentylxanthine (DPCPX) inhibition of [3H]N-ethylcarbamoyl adenosine (NECA) binding allows the visualization of putative non-A1 adenosine receptors. Brain Research, 1986, 368, 394-398.	2.2	70
10	The distribution of adenosine A1 receptors and 5'-nucleotidase in the hippocampal formation of several mammalian species. Journal of Comparative Neurology, 1986, 246, 427-434.	1.6	69
11	The action of calcitonin gene-related peptide on astrocyte morphology and cyclic AMP accumulation in astrocyte cultures from neonatal rat brain. Neuroscience Letters, 1991, 130, 99-102.	2.1	65
12	Calcitonin Gene-related Peptide Stimulates the Induction of c-fos Gene Expression in Rat Astrocyte Cultures. European Journal of Neuroscience, 1991, 3, 708-712.	2.6	57
13	Astrocytes and microglia as potential targets for calcitonin gene related peptide in the central nervous system. Canadian Journal of Physiology and Pharmacology, 1995, 73, 1047-1049.	1.4	54
14	Light and electron microscopical immunocytochemistry of 5'-nucleotidase in rat cerebellum. Histochemistry, 1987, 87, 107-113.	1.9	51
15	Adenosine receptor density and the depression of evoked neuronal activity in the rat hippocampus in vitro. Neuroscience Letters, 1983, 37, 81-85.	2.1	50
16	Induction of Urokinase-type Plasminogen Activator in Rat Facial Nucleus by Axotomy of the Facial Nerve. Journal of Neurochemistry, 1996, 66, 2500-2505.	3.9	50
17	Calcitonin Gene-Related Peptide and Peripheral Nerve Regeneration. Annals of the New York Academy of Sciences, 1992, 657, 351-360.	3.8	48
18	Parallel investigations of the effects of adenosine on evoked potentials and cyclic AMP accumulation in hippocampus slices of the rat. Neuroscience Letters, 1979, 14, 37-42.	2.1	45

#	ARTICLE	IF	CITATIONS
19	THE IN SITU PHOSPHORYLATION OF MICROTUBULAR PROTEIN IN BRAIN CORTEX SLICES AND RELATED STUDIES ON THE PHOSPHORYLATION OF ISOLATED BRAIN TUBULIN PREPARATIONS. <i>Annals of the New York Academy of Sciences</i> , 1975, 253, 577-597.	3.8	38
20	Heterogeneity of binding sites for N-ethylcarbamido[3H]adenosine in rat brain: Effects of N-ethylmaleimide. <i>Brain Research</i> , 1986, 399, 232-239.	2.2	38
21	Stimulation of P2Y-purinoceptors on astrocytes results in immediate early gene expression and potentiation of neuropeptide action. <i>Neuroscience</i> , 1998, 85, 521-525.	2.3	38
22	Turnover of protein-bound serine phosphate in respiring slices of guinea-pig cerebral cortex. Effects of putative transmitters, tetrodotoxin and other agents. <i>Biochemical Journal</i> , 1973, 132, 475-482.	3.1	34
23	On the Possible Role of Adenosine as a Modulatory Messenger in the Hippocampus and other Regions of the CNS. <i>Progress in Brain Research</i> , 1979, 51, 149-165.	1.4	34
24	5'-Nucleotidase activity in human astrocytomas. <i>Acta Neuropathologica</i> , 1983, 59, 145-149.	7.7	31
25	Adenosine Metabolism in a Rat Hippocampal Slice Preparation: Incorporation into S-Adenosylhomocysteine. <i>Journal of Neurochemistry</i> , 1983, 40, 285-290.	3.9	29
26	THE PHOSPHORYLATION OF BRAIN MICROTUBULAR PROTEINS IN SITU AND IN VITRO. <i>Journal of Neurochemistry</i> , 1976, 27, 1229-1236.	3.9	25
27	The phosphorylation of colchicine-binding ( $\alpha$ -microtubular $\beta$ ) protein in respiring slices of guinea pig cerebral cortex. <i>FEBS Letters</i> , 1973, 30, 188-194.	2.8	24
28	Chapter 1 Peptides in motoneurons. <i>Progress in Brain Research</i> , 1995, 104, 3-20.	1.4	22
29	Properties of binding sites for [3H]cyclohexyladenosine in the hippocampus and other regions of rat brain: A quantitative autoradiographic study. <i>Neuroscience Letters</i> , 1986, 64, 116-120.	2.1	20
30	Cultured astrocytes express functional receptors for galanin. , 1998, 24, 323-328.		20
31	Methods for Studying Protein Phosphorylation in Cerebral Tissues. , 1975, , 325-367.		20
32	Effect of carbamazepine on stimulus-evoked Ca <sup>2+</sup> fluxes in rat hippocampal slices and its interaction with A1-adenosine receptors. <i>Neuroscience Letters</i> , 1988, 91, 189-193.	2.1	19
33	ADENOSINE RECEPTOR SUBTYPES: CLASSIFICATION AND DISTRIBUTION. , 1991, , 77-102.		17
34	Autoradiographic localization of adenosine A1 receptors in brainstem of fetal sheep. <i>Developmental Brain Research</i> , 1991, 61, 111-115.	1.7	16
35	Modulation of A1 adenosine receptor function in rat brain by the polyamine, spermine. <i>Neuroscience Letters</i> , 1991, 124, 183-186.	2.1	15
36	Regulation of Plasminogen Activator Inhibitor-1 mRNA Accumulation by Basic Fibroblast Growth Factor and Transforming Growth Factor- $\beta$ 21 in Cultured Rat Astrocytes. <i>Journal of Neurochemistry</i> , 2002, 71, 1944-1952.	3.9	11

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37	Radiometric assay of tyrosine hydroxylase and tryptophan hydroxylase by Kalignost extraction procedures. <i>Journal of Neurochemistry</i> , 1977, 29, 743-746.	3.9	9
38	Radiation inactivation analysis of the A1 adenosine receptor of rat brain Decrease in radiation inactivation size in the presence of guanine nucleotide. <i>FEBS Letters</i> , 1989, 252, 125-128.	2.8	8
39	Synaptic Modulation by Adenosine: Electrophysiological and Biochemical Characteristics. , 1983, , 439-454.		8
40	The effect of putative transmitters and other agents on phosphoprotein turnover in respiring slices of guinea-pig cerebral cortex. <i>Biochemical Journal</i> , 1972, 126, 14P-15P.	3.1	7
41	Synaptic membrane proteins as substrates for cyclic AMP-stimulated protein phosphorylation in various regions of rat brain. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1979, 555, 230-238.	2.6	7
42	Complexity of cyclic AMP-dependent phosphoproteins in membranes from brain tissue containing synapses. <i>FEBS Letters</i> , 1977, 75, 61-64.	2.8	4
43	Studies on Binding Sites for Adenosine Receptor Ligands in Rat Brain: An Approach to the Specification of Adenosinergic Functions. <i>Pharmacopsychiatry</i> , 1988, 21, 326-328.	3.3	4
44	Ligand Binding to A <sub>1</sub> Adenosine Receptors is Influenced by Protonation. <i>Nucleosides &amp; Nucleotides</i> , 1991, 10, 1139-1140.	0.5	2
45	Meeting report. <i>Neurochemistry International</i> , 1985, 7, 165-167.	3.8	0
46	Funding the frontier - the Human Frontier Science Program. <i>BioEssays</i> , 2010, 32, 842-844.	2.5	0