Kjell Fuxe

List of Publications by Year
in descending order

820 papers	52,517 citations	1094 112 h-index	3394 183 g-index
831 all docs	831 docs citations	831 times ranked	17038 citing authors

#	Article	IF	Citations
1	Acetylcholine receptors containing the Î²2 subunit are involved in the reinforcing properties of nicotine. Nature, 1998, 391, 173-177.	13.7	1,239
2	Receptor activity and turnover of dopamine and noradrenaline after neuroleptics. European Journal of Pharmacology, 1970, 11, 303-314.	1.7	1,006
3	Evidence for dopamine receptor stimulation by apomorphine. Journal of Pharmacy and Pharmacology, 2011, 19, 627-629.	1.2	883
4	Adenosineâ€“dopamine receptorâ€“receptor interactions as an integrative mechanism in the basal ganglia. Trends in Neurosciences, 1997, 20, 482-487.	4.2	758
5	Evidence for the existence of monoamine neurons in the central nervous system. Cell and Tissue Research, 1965, 65, 573-596.	1.5	667
6	Effect of antidepressant drugs on the depletion of intraneuronal brain 5-hydroxytryptamine stores caused by 4-methyl-Î±-ethyl-meta-tyramine. European Journal of Pharmacology, 1969, 5, 357-366.	1.7	627
7	Mapping of Glucocorticoid Receptor Immunoreactive Neurons in the Rat Tel- and Diencephalon Using a Monoclonal Antibody against Rat Liver Glucocorticoid Receptor*. Endocrinology, 1985, 117, 1803-1812.	1.4	516
8	Cellular Localization of Monoamines in the Spinal Cord. Acta Physiologica Scandinavica, 1964, 60, 112-119.	2.3	512
9	On the projections from the locus coeruleus noradrenaline neurons: The cerebellar innervation. Brain Research, 1971, 28, 165-171.	1.1	477
10	Coaggregation, Cointernalization, and Codesensitization of Adenosine A2A Receptors and Dopamine D2Receptors. Journal of Biological Chemistry, 2002, 277, 18091-18097.	1.6	450
11	Distribution of thyroptropin-releasing hormone (TRH) in the central nervous system as revealed with immunohistochemistry. European Journal of Pharmacology, 1975, 34, 389-392.	1.7	417
12	Targeting adenosine A2A receptors in Parkinson's disease. Trends in Neurosciences, 2006, 29, 647-654.	4.2	413
13	Biochemical and Histochemical Studies on the Effects of Imipramineâ€•like Drugs and (+)â€•Amphetamine on Central and Peripheral Catecholamine Neurons. Acta Physiologica Scandinavica, 1966, 67, 481-497.	2.3	411
14	Effects of some antidepressant drugs on the depletion of intraneuronal brain catecholamine stores caused by 4,Î±-dimethyl-meta-tyramine. European Journal of Pharmacology, 1969, 5, 367-373.	1.7	405
15	Biochemistry, Molecular Biology, and Physiology of the Glucocorticoid Receptor*. Endocrine Reviews, 1987, 8, 185-234.	8.9	405
16	Adenosine A2A-Dopamine D2 Receptor-Receptor Heteromerization. Journal of Biological Chemistry, 2003, 278, 46741-46749.	1.6	401
17	Heterogeneity of striatal and limbic dopamine innervation: Highly fluorescent islands in developing and adult rats. Brain Research, 1972, 44, 283-288.	1.1	394
18	The Distribution of Adrenergic Nerve Fibres to the Blood Vessels in Skeletal Muscle. Acta Physiologica Scandinavica, 1965, 64, 75-86.	2.3	376

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19	1966, 24, 263-274.	0.0	366
20	A Quantitative Study on the Nigroâ€Neostriatal Dopamine Neuron System in the Rat. Acta Physiologica Scandinavica, 1966, 67, 306-312.	2.3	358
21	Rat medulla oblongata. II. Dopaminergic, noradrenergic (A1 and A2) and adrenergic neurons, nerve fibers, and presumptive terminal processes. Journal of Comparative Neurology, 1985, 233, 308-332.	0.9	358
22	Building a new conceptual framework for receptor heteromers. Nature Chemical Biology, 2009, 5, 131-134.	3.9	349
23	Synergistic interaction between adenosine A2A and glutamate mGlu5 receptors: Implications for striatal neuronal function. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 11940-11945.	3.3	345
24	Cellular localization of monoamines in the median eminence and the infundibular stem of some mammals. Cell and Tissue Research, 1963, 61, 710-724.	1.5	341
25	Direct chemical stimulation of dopaminergic mechanisms in the neostriatum of the rat. Brain Research, 1969, 14, 461-471.	1.1	329
26	Molecular Mechanisms and Therapeutical Implications of Intramembrane Receptor/Receptor Interactions among Heptahelical Receptors with Examples from the Striatopallidal GABA Neurons. Pharmacological Reviews, 2003, 55, 509-550.	7.1	306
27	Morphological and Functional Aspects of Central Monoamine Neurons. International Review of Neurobiology, 1970, , 93-126.	0.9	300
28	Distribution of noradrenaline nerve terminals in cortical areas of the rat. Brain Research, 1968, 8, 125-131.	1.1	292
29	Central administration of neuropeptide Y induces hypotension bradypnea and EEG synchronization in the rat*. Acta Physiologica Scandinavica, 1983, 118, 189-192.	2.3	283
30	Detection of heteromerization of more than two proteins by sequential BRET-FRET. Nature Methods, 2008, 5, 727-733.	9.0	269
31	Integrated events in central dopamine transmission as analyzed at multiple levels. Evidence for intramembrane adenosine A2A/dopamine D2 and adenosine A1/dopamine D1 receptor interactions in the basal ganglia1Published on the World Wide Web on 12 January 1998.1. Brain Research Reviews, 1998, 26, 258-273.	9.1	266
32	Minor tranquillizers, stress and central catecholamine neurons. Brain Research, 1971, 29, 1-16.	1.1	261
33	Further mapping out of central noradrenaline neuron systems: Projections of the â€˜subcoeruleusâ€™ area. Brain Research, 1972, 43, 289-295.	1.1	253
34	Cerebellar monoamine nerve terminals, a new type of afferent fibers to the cortex cerebelli. Experimental Brain Research, 1969, 9, 63-72.	0.7	243
35	Understanding wiring and volume transmission. Brain Research Reviews, 2010, 64, 137-159.	9.1	242
36	The discovery of central monoamine neurons gave volume transmission to the wired brain. Progress in Neurobiology, 2010, 90, 82-100.	2.8	242

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37	Adenosine receptorâ€“dopamine receptor interactions in the basal ganglia and their relevance for brain function. Physiology and Behavior, 2007, 92, 210-217.	1.0	239
38	Distribution of neuropeptide immunoreactive nerve terminals within the subnuclei of the nucleus of the tractus solitarius of the rat. Journal of Comparative Neurology, 1984, 222, 409-444.	0.9	235
39	Gangliosides increase the survival of lesioned nigral dopamine neurons and favour the recovery of dopaminergic synaptic function in striatum of rats by collateral sprouting*. Acta Physiologica Scandinavica, 1983, 119, 347-363.	2.3	231
40	Further evidence for the presence of nigro-neostriatal dopamine neurons in the rat. American Journal of Anatomy, 1965, 116, 329-333.	0.9	228
41	Role of dopamine receptor mechanisms in the amygdaloid modulation of fear and anxiety: Structural and functional analysis. Progress in Neurobiology, 2010, 90, 198-216.	2.8	223
42	Evidence for Adrenaline Neurons in the Rat Brain. Acta Physiologica Scandinavica, 1973, 89, 286-288.	2.3	219
43	Identification of Dopamine D1â€“D3 Receptor Heteromers. Journal of Biological Chemistry, 2008, 283, 26016-26025.	1.6	216
44	Immunohistochemical localization of three catecholamine synthesizing enzymes: aspects on methodology. Histochemie Histochemistry Histochimie, 1972, 33, 231-254.	1.3	211
45	Interaction between cholinergic and catecholaminergic neurones in rat brain. Brain Research, 1972, 43, 397-416.	1.1	209
46	The emergence of the volume transmission concept1Published on the World Wide Web on 12 January 1998.1. Brain Research Reviews, 1998, 26, 136-147.	9.1	209
47	Adenosine A_{2A} and Dopamine D₂ Heteromeric Receptor Complexes and Their Function. Journal of Molecular Neuroscience, 2005, 26, 209-220.	1.1	207
48	From the Golgiâ€“Cajal mapping to the transmitter-based characterization of the neuronal networks leading to two modes of brain communication: Wiring and volume transmission. Brain Research Reviews, 2007, 55, 17-54.	9.1	205
49	The effect of immobilization stress on the activity of central monoamine neurons. Life Sciences, 1968, 7, 107-112.	2.0	196
50	Combining Mass Spectrometry and Pull-Down Techniques for the Study of Receptor Heteromerization. Direct Epitopeâˆ’Epitope Electrostatic Interactions between Adenosine A2Aand Dopamine D2Receptors. Analytical Chemistry, 2004, 76, 5354-5363.	3.2	195
51	Cholecystokinin peptides produce marked reduction of dopamine turnover in discrete areas in the rat brain following intraventricular injection. European Journal of Pharmacology, 1980, 67, 329-331.	1.7	194
52	Central nicotinic receptors, neurotrophic factors and neuroprotection. Behavioural Brain Research, 2000, 113, 21-34.	1.2	194
53	Effects of tyrosine hydroxylase inhibition on the amine levels of central monoamine neurons. Life Sciences, 1966, 5, 561-568.	2.0	191
54	Rat medulla oblongata. III. Adrenergic (C1 and C2) neurons, nerve fibers and presumptive terminal processes. Journal of Comparative Neurology, 1985, 233, 333-349.	0.9	191

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55	Prominent expression of acidic fibroblast growth factor in motor and sensory neurons. Neuron, 1991, 7, 349-364.	3.8	184
56	Further Evidence for the Existence of Tuberoâ€infundibular Dopamine Neurons. Acta Physiologica Scandinavica, 1966, 66, 245-246.	2.3	183
57	The effect of imipramine of central 5-hydroxytryptamine neurons. Journal of Pharmacy and Pharmacology, 2011, 20, 150-151.	1.2	179
58	Involvement of Adenosine A1 and A2A Receptors in the Motor Effects of Caffeine after its Acute and Chronic Administration. Neuropsychopharmacology, 2003, 28, 1281-1291.	2.8	177
59	Possible involvement of central adrenaline neurons in vasomotor and respiratory control. Studies with clonidine and its interactions with piperoxane and yohimbine. European Journal of Pharmacology, 1974, 28, 89-94.	1.7	176
60	Effects of methionine-enkephalin on prolactin release and catecholamine levels and turnover in the median eminence. European Journal of Pharmacology, 1977, 43, 89-90.	1.7	174
61	ET495 and brain catecholamine mechanisms: Evidence for stimulation of dopamine receptors. European Journal of Pharmacology, 1972, 20, 195-204.	1.7	173
62	Cardiovascular effects of morphine and opioid peptides following intracisternal administration in chloralose-anesthetized rats. European Journal of Pharmacology, 1978, 48, 319-324.	1.7	172
63	Noradrenaline nerve terminals in the hippocampal region of the rat and the guinea pig. Cell and Tissue Research, 1967, 78, 463-473.	1.5	170
64	Neuropeptide Y in vitro selectively increases the number of Î±₂â€adrenergic binding sites in membranes of the medulla oblongata of the rat. Acta Physiologica Scandinavica, 1983, 118, 293-295.	2.3	168
65	Mapping out of catecholamine and 5-hydroxytryptamine neurons innervating the telencephalon and diencephalon. Life Sciences, 1965, 4, 1275-1279.	2.0	164
66	Pharmaco-histochemical evidence of the existence of dopamine nerve terminals in the limbic cortex. European Journal of Pharmacology, 1974, 25, 108-112.	1.7	164
67	Histochemical studies on the effect of (+)-amphetamine, drugs of the imipramine group and tryptamine on central catecholamine and 5-hydroxytryptamine neurons after intraventricular injection of catecholamines and 5-hydroxytryptamine. European Journal of Pharmacology, 1968, 4, 135-144.	1.7	162
68	Modulation by cholecystokinins of ³Hâ€spiroperidol binding in rat striatum: evidence for increased affinity and reduction in the number of binding sites. Acta Physiologica Scandinavica, 1981, 113, 567-569.	2.3	158
69	A Method for the Demonstration of Monoamineâ€Containing Nerve Fibres in the Central Nervous System. Acta Physiologica Scandinavica, 1964, 60, 293-294.	2.3	156
70	Functional regeneration of 5-hydroxytryptamine nerve terminals in the rat spinal cord following 5,6-dihydroxytryptamine induced degeneration. Brain Research, 1974, 78, 377-394.	1.1	156
71	Antagonistic cannabinoid CB1/dopamine D2 receptor interactions in striatal CB1/D2 heteromers. A combined neurochemical and behavioral analysis. Neuropharmacology, 2008, 54, 815-823.	2.0	154
72	Direct involvement of Ïƒ-1 receptors in the dopamine D ₁ receptor-mediated effects of cocaine. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 18676-18681.	3.3	153

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73	Cellular localization of monoamines in the upper brain stem of the pigeon. Journal of Comparative Neurology, 1965, 125, 355-381.	0.9	151
74	dl-5-Hydroxytryptophan-induced changes in central monoamine neurons after peripheral decarboxylase inhibition. Journal of Pharmacy and Pharmacology, 2011, 23, 420-424.	1.2	151
75	Neurotensin in vitro markedly reduces the affinity in subcortical limbic ³Hâ€Nâ€propylnorapomorphine binding sites*. Acta Physiologica Scandinavica, 1983, 119, 459-461.	2.3	149
76	Further studies on the effects of central administration of neuropeptide Y on neuroendocrine function in the male rat: relationship to hypothalamic catecholamines. Regulatory Peptides, 1987, 17, 167-179.	1.9	149
77	Adenosine A2A Agonists: A Potential New Type of Atypical Antipsychotic. Neuropsychopharmacology, 1997, 17, 82-91.	2.8	149
78	Receptor-receptor interactions in the central nervous system. A new integrative mechanism in synapses. Medicinal Research Reviews, 1985, 5, 441-482.	5.0	147
79	Evidence for Adenosine/Dopamine Receptor Interactions Indications for Heteromerization. Neuropsychopharmacology, 2000, 23, S50-S59.	2.8	147
80	Effect of prostaglandin E2 on central and peripheral catecholamine neurons. European Journal of Pharmacology, 1973, 21, 362-368.	1.7	145
81	Adenosine A_{2A} receptors, dopamine D₂ receptors and their interactions in Parkinson's disease. Movement Disorders, 2007, 22, 1990-2017.	2.2	145
82	Behavioral, biochemical, and histochemical analyses of the central effects of monoamine precursors after peripheral decarâ˜ylase inhibition. Brain Research, 1972, 41, 387-411.	1.1	144
83	Neuroendocrine actions of nicotine and of exposure to cigarette smoke: Medical implications. Psychoneuroendocrinology, 1989, 14, 19-41.	1.3	144
84	Behavioral effects of 5,7-dihydroxytryptamine lesions of ascending 5-hydroxytryptamine pathways. Brain Research, 1976, 107, 385-399.	1.1	143
85	The Vigilance Promoting Drug Modafinil Increases Extracellular Glutamate Levels in the Medial Preoptic Area and the Posterior Hypothalamus of the Conscious Rat Prevention by Local GABAA Receptor Blockade. Neuropsychopharmacology, 1999, 20, 346-356.	2.8	139
86	Homodimerization of adenosine A2A receptors: qualitative and quantitative assessment by fluorescence and bioluminescence energy transfer. Journal of Neurochemistry, 2003, 88, 726-734.	2.1	139
87	Cellular localization of monoamines in the area postrema of certain mammals. Journal of Comparative Neurology, 1965, 125, 337-353.	0.9	137
88	Barbiturates and meprobamate: Decreases in catecholamine turnover of central dopamine and noradrenaline neuronal systems and the influence of immobilization stress. Brain Research, 1972, 45, 507-524.	1.1	137
89	The effect of neuroleptics on the activity of central catecholamine neurones. Life Sciences, 1967, 6, 767-774.	2.0	135
90	Cellular Localization of Monoamines in the Median Eminence and in the Infundibular Stem of Some Mammals. Acta Physiologica Scandinavica, 1963, 58, 383-384.	2.3	134

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91	On the catecholamine innervation of the hypothalamus, with special reference to the median eminence. Brain Research, 1972, 40, 271-281.	1.1	134
92	Dopamine D1Receptor-mediated Facilitation of GABAergic Neurotransmission in the Rat Strioentopeduncular Pathway and its Modulation by Adenosine A1Receptor-mediated Mechanisms. European Journal of Neuroscience, 1996, 8, 1545-1553.	1.2	134
93	Postsynaptic antagonistic interaction between adenosine A1, and dopamine D1 receptors. NeuroReport, 1994, 6, 73-76.	0.6	133
94	Site of Action of Reserpine. Acta Pharmacologica Et Toxicologica, 1965, 22, 277-292.	0.0	133
95	Adenosine A2A-dopamine D2 receptorâ€“receptor heteromers. Targets for neuro-psychiatric disorders. Parkinsonism and Related Disorders, 2004, 10, 265-271.	1.1	132
96	The effect of some psychoactive drugs on central monoamine neurons. European Journal of Pharmacology, 1967, 1, 363-368.	1.7	131
97	Histochemical studies on the distribution of catecholamines and 5-hydroxytryptamine after intraventricular injections. Histochemie Histochemistry Histochimie, 1968, 13, 16-28.	1.3	131
98	The Selective mGlu5 Receptor Agonist CHPG Inhibits Quinpirole-Induced Turning in 6-Hydroxydopamine-Lesioned Rats and Modulates the Binding Characteristics of Dopamine D2 Receptors in the Rat Striatum Interactions with Adenosine A2a Receptors. Neuropsychopharmacology, 2001, 25, 505-513.	2.8	130
99	Immunohistochemical studies on monoamine-containing cell systems. Brain Research, 1973, 62, 461-469.	1.1	129
100	Modafinil: An antinarcoleptic drug with a different neurochemical profile to d-amphetamine and dopamine uptake blockers. Biological Psychiatry, 1997, 42, 1181-1183.	0.7	128
101	The effect of lithium on cerebral monoamine neurons. Psychopharmacology, 1967, 11, 345-353.	1.5	127
102	The vigilance promoting drug modafinil increases dopamine release in the rat nucleus accumbens via the involvement of a local GABAergic mechanism. European Journal of Pharmacology, 1996, 306, 33-39.	1.7	125
103	Receptor-receptor interactions as an integrative mechanism in nerve cells. Molecular Neurobiology, 1993, 7, 293-334.	1.9	124
104	Metabotropic glutamate mGlu5 receptor-mediated modulation of the ventral striopallidal GABA pathway in rats. Interactions with adenosine A2A and dopamine D2 receptors. Neuroscience Letters, 2002, 324, 154-158.	1.0	124
105	The G Protein-Coupled Receptor Heterodimer Network (GPCR-HetNet) and Its Hub Components. International Journal of Molecular Sciences, 2014, 15, 8570-8590.	1.8	124
106	Depletion of catecholaminesin vivo induced by electrical stimulation of central monoamine pathways. Brain Research, 1970, 24, 471-483.	1.1	123
107	Perforant path transections protect hippocampal granule cells from kainate lesion. Neuroscience Letters, 1978, 10, 241-246.	1.0	122
108	Rotational behaviour in rats with unilateral striatal kainic acid lesions: A behavioural model for studies on intact dopamine receptors. Brain Research, 1979, 170, 485-495.	1.1	120

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109	Gluco- and mineralocorticoid receptor-mediated regulation of neurotrophic factor gene expression in the dorsal hippocampus and the neocortex of the rat. European Journal of Neuroscience, 2000, 12, 2918-2934.	1.2	119
110	Adenosine A2A Receptor and Dopamine D3 Receptor Interactions: Evidence of Functional A2A/D3 Heteromeric Complexes. Molecular Pharmacology, 2005, 67, 400-407.	1.0	119
111	Adenosine/dopamine interaction: implications for the treatment of Parkinson's disease. Parkinsonism and Related Disorders, 2001, 7, 235-241.	1.1	118
112	Fibroblast Growth Factor Receptor 1â€" 5-Hydroxytryptamine 1A Heteroreceptor Complexes and Their Enhancement of Hippocampal Plasticity. Biological Psychiatry, 2012, 71, 84-91.	0.7	118
113	Demonstration of extraneuronal 5-hydroxytryptamine accumulation in brain following membrane-pump blockade by chlorimipramine. Brain Research, 1969, 12, 456-460.	1.1	117
114	Selective reserpine-resistant accumulation of catecholamines in central dopamine neurones after dopa administration. Brain Research, 1974, 67, 439-456.	1.1	117
115	Effects of 5-methoxy-N,N-dimethyltryptamine on central monoamine neurons. European Journal of Pharmacology, 1972, 19, 25-34.	1.7	116
116	Working memory deficits in transgenic rats overexpressing human adenosine A2A receptors in the brain. Neurobiology of Learning and Memory, 2007, 87, 42-56.	1.0	115
117	Reciprocal interactions between adenosine A2A and dopamine D2 receptors in Chinese hamster ovary cells co-transfected with the two receptors. Biochemical Pharmacology, 1999, 58, 1035-1045.	2.0	113
118	Increased impulse flow in bulbospinal noradrenaline neurons produced by catecholamine receptor blocking agents. European Journal of Pharmacology, 1967, 2, 59-64.	1.7	112
119	Dopamine and noradrenaline releasing action of amantadine in the central and peripheral nervous system: A possible mode of action in Parkinson's disease. European Journal of Pharmacology, 1971, 16, 27-38.	1.7	112
120	Neurotransmitter receptor heteromers and their integrative role in â€˜local modulesâ€™: The striatal spine module. Brain Research Reviews, 2007, 55, 55-67.	9.1	112
121	Chronic nicotine treatment counteracts the disappearance of tyrosine-hydroxylase-immunoreactive nerve cell bodies, dendrites and terminals in the mesostriatal dopamine system of the male rat after partial hemitransection. Brain Research, 1988, 455, 332-345.	1.1	110
122	The effects of modafinil on striatal, pallidal and nigral GABA and glutamate release in the conscious rat: evidence for a preferential inhibition of striato-pallidal GABA transmission. Neuroscience Letters, 1998, 253, 135-138.	1.0	110
123	G Proteinâ€"Coupled Receptor Heterodimerization in the Brain. Methods in Enzymology, 2013, 521, 281-294.	0.4	110
124	Understanding the Role of GPCR Heteroreceptor Complexes in Modulating the Brain Networks in Health and Disease. Frontiers in Cellular Neuroscience, 2017, 11, 37.	1.8	110
125	Stimulation of adenosine A2 receptors induces catalepsy. Neuroscience Letters, 1991, 130, 162-164.	1.0	108
126	Organization of choroid plexus epithelial and endothelial cell tight junctions and regulation of claudin-1, -2 and -5 expression by protein kinase C. NeuroReport, 2000, 11, 1427-1431.	0.6	107

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127	Inhibitory role of dopamine and 5-hydroxytryptamine in the sexual behaviour of female rats. European Journal of Pharmacology, 1974, 29, 187-191.	1.7	105
128	The antinarcoleptic drug modafinil increases glutamate release in thalamic areas and hippocampus. NeuroReport, 1997, 8, 2883-2887.	0.6	105
129	Alterations in neuropeptide Y and Y1 receptor mRNA expression in brains from an animal model of depression: region specific adaptation after fluoxetine treatment. Molecular Brain Research, 1998, 59, 58-65.	2.5	104
130	Dopamine denervation leads to an increase in the intramembrane interaction between adenosine A2 and dopamine D2 receptors in the neostriatum. Brain Research, 1992, 594, 124-130.	1.1	103
131	The vigilance promoting drug modafinil decreases GABA release in the medial preoptic area and in the posterior hypothalamus of the awake rat: possible involvement of the serotonergic 5-HT3 receptor. Neuroscience Letters, 1996, 220, 5-8.	1.0	103
132	The role of transmitter diffusion and flow versus extracellular vesicles in volume transmission in the brain neuralâ€“glial networks. Philosophical Transactions of the Royal Society B: Biological Sciences, 2015, 370, 20140183.	1.8	103
133	A Possible Role Played by Central Monoamine neurones in Thermoâ€Regulation. Acta Physiologica Scandinavica, 1967, 71, 224-232.	2.3	102
134	Moonlighting Proteins and Proteinâ€“Protein Interactions as Neurotherapeutic Targets in the G Protein-Coupled Receptor Field. Neuropsychopharmacology, 2014, 39, 131-155.	2.8	101
135	A method for the demonstration of adrenergic nerve fibres in peripheral nerves. Cell and Tissue Research, 1964, 62, 602-607.	1.5	100
136	Volume versus wiring transmission in the brain: A new theoretical frame for neuropsychopharmacology. Medicinal Research Reviews, 1995, 15, 33-45.	5.0	100
137	Colocalization of Peptide and Glucocorticoid Receptor Immunoreactivities in Rat Central Amygdaloid Nucleus. Neuroendocrinology, 1992, 55, 451-459.	1.2	99
138	Alterations in neuropeptide Y levels and Y1 binding sites in the Flinders Sensitive Line rats, a genetic animal model of depression. Neuroscience Letters, 1999, 265, 191-194.	1.0	99
139	Receptor-heteromer mediated regulation of endocannabinoid signaling in activated microglia. Role of CB1 and CB2 receptors and relevance for Alzheimerâ€™s disease and levodopa-induced dyskinesia. Brain, Behavior, and Immunity, 2018, 67, 139-151.	2.0	99
140	Blockade of p-chloromethamphetamine induced 5-hydroxytryptamine depletion by chlorimipramine, chlorpheniramine and meperidine. Biochemical Pharmacology, 1971, 20, 707-709.	2.0	98
141	Adenosine A1 Receptor-mediated Modulation of Dopamine D1 Receptors in Stably Cotransfected Fibroblast Cells. Journal of Biological Chemistry, 1998, 273, 4718-4724.	1.6	98
142	Endothelin-1 induced lesions of the frontoparietal cortex of the rat. A possible model of focal cortical ischemia. NeuroReport, 1997, 8, 2623-2629.	0.6	97
143	MONOAMINES AND THE PITUITARY GLAND. European Journal of Endocrinology, 1966, 51, 301-314.	1.9	96
144	Studies on the action of some psychoactive drugs on central noradrenaline neurones after inhibition of dopamine-Î²-hydroxylase. Brain Research, 1970, 24, 451-470.	1.1	95

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145	The Adrenergic Innervation of the Nasal Mucosa of Certain Mammals. Acta Oto-Laryngologica, 1965, 59, 65-72.	0.3	94
146	Localization of Indolealkylamines in CNS. Advances in Pharmacology, 1968, 6, 235-251.	1.2	94
147	Aspects of neural plasticity in the central nervous systemâ€"I. Computer-assisted image analysis methods. Neurochemistry International, 1990, 16, 383-418.	1.9	94
148	Characterization of the A2ARâ€"D2R interface: Focus on the role of the C-terminal tail and the transmembrane helices. Biochemical and Biophysical Research Communications, 2010, 402, 801-807.	1.0	93
149	Central catecholamine turnover and self-stimulation behaviour. Brain Research, 1971, 27, 406-413.	1.1	92
150	On the functional role of coexistence of 5â€HT and substance P in bulbospinal 5â€HT neurons. Substance P reduces affinity and increases density of ³Hâ€5â€HT binding sites. Acta Physiologica Scandinavica, 1983, 117, 299-301.	2.3	92
151	The renin-angiotensin system in the brain: an update 1993. Regulatory Peptides, 1993, 46, 487-509.	1.9	92
152	Observations on the cellular localization of dopamine in the caudate nucleus of the rat. Cell and Tissue Research, 1964, 63, 701-706.	1.5	91
153	The effect of prolonged lithium administration on cerebral monoamine neurons in the rat. Life Sciences, 1969, 8, 643-651.	2.0	91
154	Adenosine A2A receptors modulate the binding characteristics of dopamine D2 receptors in stably cotransfected fibroblast cells. European Journal of Pharmacology, 1996, 316, 325-331.	1.7	91
155	Galanin receptor-1 modulates 5-hydroxtryptamine-1A signaling via heterodimerization. Biochemical and Biophysical Research Communications, 2010, 393, 767-772.	1.0	91
156	On the mechanism of action of the antidepressant drugs amitriptyline and nortriptyline. Evidence for 5-hydroxytryptamine receptor blocking activity. Neuroscience Letters, 1977, 6, 339-343.	1.0	90
157	Involvement of adenosine A2A and dopamine receptors in the locomotor and sensitizing effects of cocaine. Brain Research, 2006, 1077, 67-80.	1.1	90
158	Ascending Systems of Catecholamine Neurons from the Lower Brain Stem. Acta Physiologica Scandinavica, 1964, 62, 485-486.	2.3	89
159	Effects of intracerebral injections of 5,6-dihydroxytryptamine on central monoamine neurons: Evidence for selective degeneration of central 5-hydroxytryptamine neurons. Brain Research, 1973, 49, 476-482.	1.1	89
160	Effect of some phosphodiesterase inhibitors on central dopamine mechanisms. European Journal of Pharmacology, 1976, 38, 31-38.	1.7	89
161	Adenosine Receptor Heteromers and their Integrative Role in Striatal Function. Scientific World Journal, The, 2007, 7, 74-85.	0.8	89
162	On the role of P2X7 receptors in dopamine nerve cell degeneration in a rat model of Parkinsonâ€™s disease: studies with the P2X7 receptor antagonist A-438079. Journal of Neural Transmission, 2010, 117, 681-687.	1.4	89

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163	Volume Transmission in Central Dopamine and Noradrenaline Neurons and Its Astroglial Targets. Neurochemical Research, 2015, 40, 2600-2614.	1.6	89
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