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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

813 papers	46,487 citations	108 h-index	174 g-index
830 ext. papers	48,868 ext. citations	4.4 avg, IF	7 L-index

#	Paper	IF	Citations
813	Acetylcholine receptors containing the beta2 subunit are involved in the reinforcing properties of nicotine. <i>Nature</i> , 1998 , 391, 173-7	50.4	1111
812	Receptor activity and turnover of dopamine and noradrenaline after neuroleptics. <i>European Journal of Pharmacology</i> , 1970 , 11, 303-14	5.3	890
811	Evidence for dopamine receptor stimulation by apomorphine. <i>Journal of Pharmacy and Pharmacology</i> , 1967 , 19, 627-9	4.8	804
810	Adenosine-dopamine receptor-receptor interactions as an integrative mechanism in the basal ganglia. <i>Trends in Neurosciences</i> , 1997 , 20, 482-7	13.3	676
809	Effect of antidepressant drugs on the depletion of intraneuronal brain 5-hydroxytryptamine stores caused by 4-methyl-alpha-ethyl-meta-tyramine. <i>European Journal of Pharmacology</i> , 1969 , 5, 357-66	5.3	557
808	Mapping of glucocorticoid receptor immunoreactive neurons in the rat tel- and diencephalon using a monoclonal antibody against rat liver glucocorticoid receptor. <i>Endocrinology</i> , 1985 , 117, 1803-12	4.8	482
807	CELLULAR LOCALIZATION OF MONOAMINES IN THE SPINAL CORD. <i>Acta Physiologica Scandinavica</i> , 1964 , 60, 112-9		469
806	On the projections from the locus coeruleus noradrenaline neurons: the cerebellar innervation. <i>Brain Research</i> , 1971 , 28, 165-71	3.7	442
805	Coaggregation, cointernalization, and codesensitization of adenosine A2A receptors and dopamine D2 receptors. <i>Journal of Biological Chemistry</i> , 2002 , 277, 18091-7	5.4	393
804	Biochemical and histochemical studies on the effects of imipramine-like drugs and (+)-amphetamine on central and peripheral catecholamine neurons. <i>Acta Physiologica Scandinavica</i> , 1966 , 67, 481-97		392
803	Heterogeneity of striatal and limbic dopamine innervation: highly fluorescent islands in developing and adult rats. <i>Brain Research</i> , 1972 , 44, 283-8	3.7	375
802	Distribution of thyrotropin-releasing hormone (TRH) in the central nervous system as revealed with immunohistochemistry. <i>European Journal of Pharmacology</i> , 1975 , 34, 389-92	5.3	365
801	Targeting adenosine A2A receptors in Parkinson's disease. <i>Trends in Neurosciences</i> , 2006 , 29, 647-54	13.3	364
800	Evidence for the existence of monoamine neurons in the central nervous system. <i>Cell and Tissue Research</i> , 1965 , 65, 573-596	4.2	363
799	Biochemistry, molecular biology, and physiology of the glucocorticoid receptor. <i>Endocrine Reviews</i> , 1987 , 8, 185-234	27.2	360
798	Effects of some antidepressant drugs on the depletion of intraneuronal brain catecholamine stores caused by 4, alpha-dimethyl-meta-tyramine. <i>European Journal of Pharmacology</i> , 1969 , 5, 367-73	5.3	358
797	Adenosine A2A-dopamine D2 receptor-receptor heteromerization: qualitative and quantitative assessment by fluorescence and bioluminescence energy transfer. <i>Journal of Biological Chemistry</i> , 2003 , 278, 46741-9	5.4	353

796	THE DISTRIBUTION OF ADRENERGIC NERVE FIBRES TO THE BLOOD VESSELS IN SKELETAL MUSCLE. <i>Acta Physiologica Scandinavica</i> , 1965 , 64, 75-86		348
795	Functional role of the nigro-neostriatal dopamine neurons. <i>Acta Pharmacologica Et Toxicologica</i> , 1966 , 24, 263-74		340
794	Rat medulla oblongata. II. Dopaminergic, noradrenergic (A1 and A2) and adrenergic neurons, nerve fibers, and presumptive terminal processes. <i>Journal of Comparative Neurology</i> , 1985 , 233, 308-32	3.4	339
793	A quantitative study on the nigro-neostriatal dopamine neuron system in the rat. <i>Acta Physiologica Scandinavica</i> , 1966 , 67, 306-12		331
792	Building a new conceptual framework for receptor heteromers. <i>Nature Chemical Biology</i> , 2009 , 5, 131-4	11.7	313
791	Direct chemical stimulation of dopaminergic mechanisms in the neostriatum of the rat. <i>Brain Research</i> , 1969 , 14, 461-71	3.7	308
790	Synergistic interaction between adenosine A2A and glutamate mGlu5 receptors: implications for striatal neuronal function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 11940-5	11.5	299
789	CELLULAR LOCALIZATION OF MONOAMINES IN THE MEDIAN EMINENCE AND THE INFUNDIBULAR STEM OF SOME MAMMALS. <i>Cell and Tissue Research</i> , 1964 , 61, 710-24	4.2	299
788	Molecular mechanisms and therapeutical implications of intramembrane receptor/receptor interactions among heptahelical receptors with examples from the striatopallidal GABA neurons. <i>Pharmacological Reviews</i> , 2003 , 55, 509-50	22.5	280
787	Distribution of noradrenaline nerve terminals in cortical areas of the rat. <i>Brain Research</i> , 1968 , 8, 125-31	3.7	279
786	Central administration of neuropeptide Y induces hypotension bradypnea and EEG synchronization in the rat. <i>Acta Physiologica Scandinavica</i> , 1983 , 118, 189-92		271
785	Morphological and Functional Aspects of Central Monoamine Neurons. <i>International Review of Neurobiology</i> , 1970 , 93-126	4.4	270
784	Further mapping out of central noradrenaline neuron systems: projections of the "subcoeruleus" area. <i>Brain Research</i> , 1972 , 43, 289-95	3.7	242
783	Detection of heteromerization of more than two proteins by sequential BRET-FRET. <i>Nature Methods</i> , 2008 , 5, 727-33	21.6	241
782	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 ganglia. <i>Brain Research Reviews</i> , 1998 , 26, 258-73		238
781	Minor tranquillizers, stress and central catecholamine neurons. <i>Brain Research</i> , 1971 , 29, 1-16	3.7	238
780	Distribution of neuropeptide immunoreactive nerve terminals within the subnuclei of the nucleus of the tractus solitarius of the rat. <i>Journal of Comparative Neurology</i> , 1984 , 222, 409-44	3.4	227
779	Cerebellar monoamine nerve terminals, a new type of afferent fibers to the cortex cerebelli. <i>Experimental Brain Research</i> , 1969 , 9, 63-72	2.3	217

778	Neurotensin in vitro markedly reduces the affinity in subcortical limbic 3H-N-propylnorapomorphine binding sites. <i>Acta Physiologica Scandinavica</i> , 1983 , 119, 459-61		212
777	Evidence for adrenaline neurons in the rat brain. <i>Acta Physiologica Scandinavica</i> , 1973 , 89, 286-8		207
776	The discovery of central monoamine neurons gave volume transmission to the wired brain. <i>Progress in Neurobiology</i> , 2010 , 90, 82-100	10.9	204
775	FURTHER EVIDENCE FOR THE PRESENCE OF NIGRO-NEOSTRIATAL DOPAMINE NEURONS IN THE RAT. <i>American Journal of Anatomy</i> , 1965 , 116, 329-33		201
774	Adenosine receptor-dopamine receptor interactions in the basal ganglia and their relevance for brain function. <i>Physiology and Behavior</i> , 2007 , 92, 210-7	3.5	200
773	Understanding wiring and volume transmission. <i>Brain Research Reviews</i> , 2010 , 64, 137-59		196
772	The emergence of the volume transmission concept. <i>Brain Research Reviews</i> , 1998 , 26, 136-47		191
771	Immunohistochemical localization of three catecholamine synthesizing enzymes: aspects on methodology. <i>Histochemie Histochemistry Histochemie</i> , 1973 , 33, 231-54		190
770	From the Golgi-Cajal mapping to the transmitter-based characterization of the neuronal networks leading to two modes of brain communication: wiring and volume transmission. <i>Brain Research Reviews</i> , 2007 , 55, 17-54		189
769	Adenosine A2A and dopamine D2 heteromeric receptor complexes and their function. <i>Journal of Molecular Neuroscience</i> , 2005 , 26, 209-20	3.3	187
768	Effects of tyrosine hydroxylase inhibition on the amine levels of central monoamine neurons. <i>Life Sciences</i> , 1966 , 5, 561-568	6.8	186
767	Central nicotinic receptors, neurotrophic factors and neuroprotection. <i>Behavioural Brain Research</i> , 2000 , 113, 21-34	3.4	185
766	Rat medulla oblongata. III. Adrenergic (C1 and C2) neurons, nerve fibers and presumptive terminal processes. <i>Journal of Comparative Neurology</i> , 1985 , 233, 333-49	3.4	182
765	Combining mass spectrometry and pull-down techniques for the study of receptor heteromerization. Direct epitope-epitope electrostatic interactions between adenosine A2A and dopamine D2 receptors. <i>Analytical Chemistry</i> , 2004 , 76, 5354-63	7.8	181
764	Cholecystokinin peptides produce marked reduction of dopamine turnover in discrete areas in the rat brain following intraventricular injection. <i>European Journal of Pharmacology</i> , 1980 , 67, 329-31	5.3	181
763	The effect of immobilization stress on the activity of central monoamine neurons. <i>Life Sciences</i> , 1968 , 7, 107-12	6.8	181
762	Role of dopamine receptor mechanisms in the amygdaloid modulation of fear and anxiety: Structural and functional analysis. <i>Progress in Neurobiology</i> , 2010 , 90, 198-216	10.9	176
761	Prominent expression of acidic fibroblast growth factor in motor and sensory neurons. <i>Neuron</i> , 1991 , 7, 349-64	13.9	175

760	Identification of dopamine D1-D3 receptor heteromers. Indications for a role of synergistic D1-D3 receptor interactions in the striatum. <i>Journal of Biological Chemistry</i> , 2008 , 283, 26016-25	5.4	174
759	The effect of imipramine on central 5-hydroxytryptamine neurons. <i>Journal of Pharmacy and Pharmacology</i> , 1968 , 20, 150-1	4.8	168
758	Possible involvement of central adrenaline neurons in vasomotor and respiratory control. Studies with clonidine and its interactions with piperoxane and yohimbine. <i>European Journal of Pharmacology</i> , 1974 , 28, 89-94	5.3	164
757	Involvement of adenosine A1 and A2A receptors in the motor effects of caffeine after its acute and chronic administration. <i>Neuropsychopharmacology</i> , 2003 , 28, 1281-91	8.7	158
756	Noradrenaline nerve terminals in the hippocampal region of the rat and the guinea pig. <i>Cell and Tissue Research</i> , 1967 , 78, 463-73	4.2	158
755	Cardiovascular effects of morphine and opioid peptides following intracisternal administration in chloralose-anesthetized rats. <i>European Journal of Pharmacology</i> , 1978 , 48, 319-24	5.3	157
754	ET495 and brain catecholamine mechanisms: evidence for stimulation of dopamine receptors. <i>European Journal of Pharmacology</i> , 1972 , 20, 195-204	5.3	157
753	Neuropeptide Y in vitro selectivity increases the number of alpha 2-adrenergic binding sites in membranes of the medulla oblongata of the rat. <i>Acta Physiologica Scandinavica</i> , 1983 , 118, 293-5		155
752	Further evidence for the existence of tubero-infundibular dopamine neurons. <i>Acta Physiologica Scandinavica</i> , 1966 , 66, 245-6		155
751	Modulation by cholecystokinins of 3H-spiroperidol binding in rat striatum: evidence for increased affinity and reduction in the number of binding sites. <i>Acta Physiologica Scandinavica</i> , 1981 , 113, 567-9		154
750	Pharmaco-histochemical evidence of the existence of dopamine nerve terminals in the limbic cortex. <i>European Journal of Pharmacology</i> , 1974 , 25, 108-12	5.3	154
749	Histochemical studies on the effect of (positive)-amphetamine, drugs of the imipramine group and tryptamine on central catecholamine and 5-hydroxytryptamine neurons after intraventricular injection of catecholamines and 5-hydroxytryptamine. <i>European Journal of Pharmacology</i> , 1968 , 4, 135-44	5.3	150
748	Functional regeneration of 5-hydroxytryptamine nerve terminals in the rat spinal cord following 5, 6-dihydroxytryptamine induced degeneration. <i>Brain Research</i> , 1974 , 78, 377-94	3.7	147
747	Effects of methionine-enkephalin on prolactin release and catecholamine levels and turnover in the median eminence. <i>European Journal of Pharmacology</i> , 1977 , 43, 89-90	5.3	147
746	Mapping out of catecholamine and 5-hydroxytryptamine neurons innervating the telencephalon and diencephalon. <i>Life Sciences</i> , 1965 , 4, 1275-9	6.8	145
745	Antagonistic cannabinoid CB1/dopamine D2 receptor interactions in striatal CB1/D2 heteromers. A combined neurochemical and behavioral analysis. <i>Neuropharmacology</i> , 2008 , 54, 815-23	5.5	139
744	Cellular localization of monoamines in the upper brain stem of the pigeon. <i>Journal of Comparative Neurology</i> , 1965 , 125, 355-81	3.4	139
743	Gangliosides increase the survival of lesioned nigral dopamine neurons and favour the recovery of dopaminergic synaptic function in striatum of rats by collateral sprouting. <i>Acta Physiologica Scandinavica</i> , 1983 , 119, 347-63		138

742	Behavioral effects of 5, 7-dihydroxytryptamine lesions of ascending 5-hydroxytryptamine pathways. <i>Brain Research</i> , 1976 , 107, 385-99	3.7	137
741	Behavioral, biochemical, and histochemical analyses of the central effects of monoamine precursors after peripheral decarboxylase inhibition. <i>Brain Research</i> , 1972 , 41, 387-411	3.7	137
740	Further studies on the effects of central administration of neuropeptide Y on neuroendocrine function in the male rat: relationship to hypothalamic catecholamines. <i>Regulatory Peptides</i> , 1987 , 17, 167-79		136
739	Direct involvement of sigma-1 receptors in the dopamine D1 receptor-mediated effects of cocaine. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 18676-81	11.5	135
738	A METHOD FOR THE DEMONSTRATION OF MONOAMINE-CONTAINING NERVE FIBRES IN THE CENTRAL NERVOUS SYSTEM. <i>Acta Physiologica Scandinavica</i> , 1964 , 60, 293-4		134
737	Barbiturates and meprobamate: decreases in catecholamine turnover of central dopamine and noradrenaline neuronal systems and the influence of immobilization stress. <i>Brain Research</i> , 1972 , 45, 507-24	3.7	133
736	Neuroendocrine actions of nicotine and of exposure to cigarette smoke: medical implications. <i>Psychoneuroendocrinology</i> , 1989 , 14, 19-41	5	132
735	Interaction between cholinergic and catecholaminergic neurones in rat brain. <i>Brain Research</i> , 1972 , 43, 397-416	3.7	131
734	Effect of prostaglandin E 2 on central and peripheral catecholamine neurons. <i>European Journal of Pharmacology</i> , 1973 , 21, 362-8	5.3	129
733	DL-5-hydroxytryptophan-induced changes in central monoamine neurons after peripheral decarboxylase inhibition. <i>Journal of Pharmacy and Pharmacology</i> , 1971 , 23, 420-4	4.8	127
732	Histochemical studies on the distribution of catecholamines and 5-hydroxytryptamine after intraventricular injections. <i>Histochemie Histochemistry Histochemie</i> , 1968 , 13, 16-28		127
731	Cellular localization of monoamines in the area postrema of certain mammals. <i>Journal of Comparative Neurology</i> , 1965 , 125, 337-53	3.4	126
730	The effect of neuroleptics on the activity of central catecholamine neurones. <i>Life Sciences</i> , 1967 , 6, 767-74	4.8	126
729	Adenosine A(2A) receptors, dopamine D(2) receptors and their interactions in Parkinson's disease. <i>Movement Disorders</i> , 2007 , 22, 1990-2017	7	125
728	Receptor-receptor interactions in the central nervous system. A new integrative mechanism in synapses. <i>Medicinal Research Reviews</i> , 1985 , 5, 441-82	14.4	124
727	Adenosine A2A agonists: a potential new type of atypical antipsychotic. <i>Neuropsychopharmacology</i> , 1997 , 17, 82-91	8.7	123
726	Homodimerization of adenosine A2A receptors: qualitative and quantitative assessment by fluorescence and bioluminescence energy transfer. <i>Journal of Neurochemistry</i> , 2004 , 88, 726-34	6	123
725	Adenosine A2A-dopamine D2 receptor-receptor heteromers. Targets for neuro-psychiatric disorders. <i>Parkinsonism and Related Disorders</i> , 2004 , 10, 265-71	3.6	122

724	Dopamine D1 receptor-mediated facilitation of GABAergic neurotransmission in the rat strioentopenduncular pathway and its modulation by adenosine A1 receptor-mediated mechanisms. <i>European Journal of Neuroscience</i> , 1996 , 8, 1545-53	3.5	122
723	Perforant path transections protect hippocampal granule cells from kainate lesion. <i>Neuroscience Letters</i> , 1978 , 10, 241-6	3.3	121
722	Evidence for adenosine/dopamine receptor interactions: indications for heteromerization. <i>Neuropsychopharmacology</i> , 2000 , 23, S50-9	8.7	120
721	Immunohistochemical studies on monoamine-containing cell systems. <i>Brain Research</i> , 1973 , 62, 461-9	3.7	120
720	SITE OF ACTION OF RESERPINE. <i>Acta Pharmacologica Et Toxicologica</i> , 1965 , 22, 277-92		119
719	On the catecholamine innervation of the hypothalamus, with special reference to the median eminence. <i>Brain Research</i> , 1972 , 40, 271-81	3.7	119
718	The effect of some psychoactive drugs on central monoamine neurons. <i>European Journal of Pharmacology</i> , 1967 , 1, 363-8	5.3	119
717	Postsynaptic antagonistic interaction between adenosine A1 and dopamine D1 receptors. <i>NeuroReport</i> , 1994 , 6, 73-6	1.7	118
716	The effect of lithium on cerebral monoamine neurons. <i>Psychopharmacology</i> , 1967 , 11, 345-53	4.7	118
715	Receptor-receptor interactions as an integrative mechanism in nerve cells. <i>Molecular Neurobiology</i> , 1993 , 7, 293-334	6.2	117
714	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. <i>Neuropsychopharmacology</i> , 1999 , 20, 346-56	8.7	116
713	Depletion of catecholamines in vivo induced by electrical stimulation of central monoamine pathways. <i>Brain Research</i> , 1970 , 24, 471-83	3.7	116
712	The selective mGlu(5) receptor agonist CHPG inhibits quinpirole-induced turning in 6-hydroxydopamine-lesioned rats and modulates the binding characteristics of dopamine D(2) receptors in the rat striatum: interactions with adenosine A(2a) receptors. <i>Neuropsychopharmacology</i> , 2001 , 25, 505-13	8.7	115
711	Effects of 5-methoxy-N,N-dimethyltryptamine on central monoamine neurons. <i>European Journal of Pharmacology</i> , 1972 , 19, 25-34	5.3	113
710	CELLULAR LOCALIZATION OF MONOAMINES IN THE MEDIAN EMINENCE AND IN THE INFUNDIBULAR STEM OF SOME MAMMALS. <i>Acta Physiologica Scandinavica</i> , 1963 , 58, 383-4		113
709	Modafinil: an antinarcotic drug with a different neurochemical profile to d-amphetamine and dopamine uptake blockers. <i>Biological Psychiatry</i> , 1997 , 42, 1181-3	7.9	112
708	Rotational behaviour in rats with unilateral striatal kainic acid lesions: a behavioural model for studies on intact dopamine receptors. <i>Brain Research</i> , 1979 , 170, 485-95	3.7	111
707	Selective reserpine-resistant accumulation of catecholamines in central dopamine neurones after DOPA administration. <i>Brain Research</i> , 1974 , 67, 439-56	3.7	111

706	Metabotropic glutamate mGlu5 receptor-mediated modulation of the ventral striopallidal GABA pathway in rats. Interactions with adenosine A(2A) and dopamine D(2) receptors. <i>Neuroscience Letters</i> , 2002 , 324, 154-8	3.3	110
705	Increased impulse flow in bulbospinal noradrenaline neurons produced by catecholamine receptor blocking agents. <i>European Journal of Pharmacology</i> , 1967 , 2, 59-64	5.3	108
704	Reciprocal interactions between adenosine A2A and dopamine D2 receptors in Chinese hamster ovary cells co-transfected with the two receptors. <i>Biochemical Pharmacology</i> , 1999 , 58, 1035-45	6	107
703	The vigilance promoting drug modafinil increases dopamine release in the rat nucleus accumbens via the involvement of a local GABAergic mechanism. <i>European Journal of Pharmacology</i> , 1996 , 306, 33-9	5.3	107
702	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. <i>Brain Research</i> , 1988 , 455, 332-45	3.7	106
701	Demonstration of extraneuronal 5-hydroxytryptamine accumulation in brain following membrane-pump blockade by chlorimipramine. <i>Brain Research</i> , 1969 , 12, 456-60	3.7	106
700	The G protein-coupled receptor heterodimer network (GPCR-HetNet) and its hub components. <i>International Journal of Molecular Sciences</i> , 2014 , 15, 8570-90	6.3	103
699	Fibroblast growth factor receptor 1- 5-hydroxytryptamine 1A heteroreceptor complexes and their enhancement of hippocampal plasticity. <i>Biological Psychiatry</i> , 2012 , 71, 84-91	7.9	103
698	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. <i>Neuroscience Letters</i> , 1998 , 253, 135-8	3.3	102
697	Adenosine/dopamine interaction: implications for the treatment of Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2001 , 7, 235-241	3.6	102
696	Adenosine A2A receptor and dopamine D3 receptor interactions: evidence of functional A2A/D3 heteromeric complexes. <i>Molecular Pharmacology</i> , 2005 , 67, 400-7	4.3	101
695	Organization of choroid plexus epithelial and endothelial cell tight junctions and regulation of claudin-1, -2 and -5 expression by protein kinase C. <i>NeuroReport</i> , 2000 , 11, 1427-31	1.7	100
694	Stimulation of adenosine A2 receptors induces catalepsy. <i>Neuroscience Letters</i> , 1991 , 130, 162-4	3.3	99
693	Neurotransmitter receptor heteromers and their integrative role in 'local modules': the striatal spine module. <i>Brain Research Reviews</i> , 2007 , 55, 55-67		98
692	Gluco- and mineralocorticoid receptor-mediated regulation of neurotrophic factor gene expression in the dorsal hippocampus and the neocortex of the rat. <i>European Journal of Neuroscience</i> , 2000 , 12, 2918-34	3.5	98
691	A possible role played by central monoamine neurones in thermo-regulation. <i>Acta Physiologica Scandinavica</i> , 1967 , 71, 224-32		98
690	Alterations in neuropeptide Y levels and Y1 binding sites in the Flinders Sensitive Line rats, a genetic animal model of depression. <i>Neuroscience Letters</i> , 1999 , 265, 191-4	3.3	97
689	Alterations in neuropeptide Y and Y1 receptor mRNA expression in brains from an animal model of depression: region specific adaptation after fluoxetine treatment. <i>Molecular Brain Research</i> , 1998 , 59, 58-65		96

688	Dopamine denervation leads to an increase in the intramembrane interaction between adenosine A2 and dopamine D2 receptors in the neostriatum. <i>Brain Research</i> , 1992 , 594, 124-30	3.7	96
687	Dopamine and noradrenaline releasing action of amantadine in the central and peripheral nervous system: a possible mode of action in Parkinson's disease. <i>European Journal of Pharmacology</i> , 1971 , 16, 27-38	5.3	95
686	The antinarcotic drug modafinil increases glutamate release in thalamic areas and hippocampus. <i>NeuroReport</i> , 1997 , 8, 2883-7	1.7	94
685	Working memory deficits in transgenic rats overexpressing human adenosine A2A receptors in the brain. <i>Neurobiology of Learning and Memory</i> , 2007 , 87, 42-56	3.1	94
684	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. <i>Neuroscience Letters</i> , 1996 , 220, 5-8	3.3	94
683	Colocalization of peptide and glucocorticoid receptor immunoreactivities in rat central amygdaloid nucleus. <i>Neuroendocrinology</i> , 1992 , 55, 451-9	5.6	93
682	Blockade of p-chloromethamphetamine induced 5-hydroxytryptamine depletion by chlorimipramine, chlorpheniramine and meperidine. <i>Biochemical Pharmacology</i> , 1971 , 20, 707-9	6	93
681	G protein-coupled receptor heterodimerization in the brain. <i>Methods in Enzymology</i> , 2013 , 521, 281-94	1.7	92
680	Inhibitory role of dopamine and 5-hydroxytryptamine in the sexual behaviour of female rats. <i>European Journal of Pharmacology</i> , 1974 , 29, 187-91	5.3	91
679	Studies on the action of some psychoactive drugs on central noradrenaline neurons after inhibition of dopamine-beta-hydroxylase. <i>Brain Research</i> , 1970 , 24, 451-70	3.7	91
678	A METHOD FOR THE DEMONSTRATION OF ADRENERGIC NERVE FIBRES IN PERIPHERAL NERVES. <i>Cell and Tissue Research</i> , 1964 , 62, 602-7	4.2	90
677	Endothelin-1 induced lesions of the frontoparietal cortex of the rat. A possible model of focal cortical ischemia. <i>NeuroReport</i> , 1997 , 8, 2623-9	1.7	89
676	On the functional role of coexistence of 5-HT and substance P in bulbospinal 5-HT neurons. Substance P reduces affinity and increases density of 3H-5-HT binding sites. <i>Acta Physiologica Scandinavica</i> , 1983 , 117, 299-301		88
675	Volume versus wiring transmission in the brain: a new theoretical frame for neuropsychopharmacology. <i>Medicinal Research Reviews</i> , 1995 , 15, 33-45	14.4	87
674	Aspects of neural plasticity in the central nervous system-I. Computer-assisted image analysis methods. <i>Neurochemistry International</i> , 1990 , 16, 383-418	4.4	87
673	Localization of indolealkylamines in CNS. <i>Advances in Pharmacology</i> , 1968 , 6, 235-51	5.7	87
672	The renin-angiotensin system in the brain: an update 1993. <i>Regulatory Peptides</i> , 1993 , 46, 487-509		86
671	Central catecholamine turnover and self-stimulation behaviour. <i>Brain Research</i> , 1971 , 27, 406-13	3.7	86

670	Effects of intracerebral injections of 5,6-dihydroxytryptamine on central monoamine neurons: evidence for selective degeneration of central 5-hydroxytryptamine neurons. <i>Brain Research</i> , 1973 , 49, 476-82	3.7	86
669	Characterization of the A2AR-D2R interface: focus on the role of the C-terminal tail and the transmembrane helices. <i>Biochemical and Biophysical Research Communications</i> , 2010 , 402, 801-7	3.4	84
668	Adenosine A1 receptor-mediated modulation of dopamine D1 receptors in stably cotransfected fibroblast cells. <i>Journal of Biological Chemistry</i> , 1998 , 273, 4718-24	5.4	84
667	On the mechanism of action of the antidepressant drugs amitriptyline and nortriptyline. Evidence for 5-hydroxytryptamine receptor blocking activity. <i>Neuroscience Letters</i> , 1977 , 6, 339-43	3.3	83
666	The effect of prolonged lithium administration on cerebral monoamine neurons in the rat. <i>Life Sciences</i> , 1969 , 8, 643-51	6.8	83
665	Understanding the Role of GPCR Heteroreceptor Complexes in Modulating the Brain Networks in Health and Disease. <i>Frontiers in Cellular Neuroscience</i> , 2017 , 11, 37	6.1	82
664	Effects of piperoxane on sleep and waking in the rat. Evidence for increased waking by blocking inhibitory adrenaline receptors on the locus coeruleus. <i>Acta Physiologica Scandinavica</i> , 1974 , 91, 566-7		82
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