

Pierfranco Spano

List of Publications by Citations

Source: <https://exaly.com/author-pdf/7136198/pierfranco-spano-publications-by-citations.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

273
papers

12,770
citations

64
h-index

98
g-index

277
ext. papers

13,646
ext. citations

5.7
avg, IF

5.68
L-index

#	Paper	IF	Citations
273	Efficacy of rivastigmine in dementia with Lewy bodies: a randomised, double-blind, placebo-controlled international study. <i>Lancet, The</i> , 2000 , 356, 2031-6	40	952
272	Neuroprotection by aspirin and sodium salicylate through blockade of NF-kappaB activation. <i>Science</i> , 1996 , 274, 1383-5	33.3	720
271	SNARE protein redistribution and synaptic failure in a transgenic mouse model of Parkinson's disease. <i>Brain</i> , 2010 , 133, 2032-44	11.2	203
270	Regulation of dopamine D1 receptor trafficking and desensitization by oligomerization with glutamate N-methyl-D-aspartate receptors. <i>Journal of Biological Chemistry</i> , 2003 , 278, 20196-202	5.4	181
269	Sulpiride: a study of the effects on dopamine receptors in rat neostriatum and limbic forebrain. <i>Life Sciences</i> , 1975 , 17, 1551-6	6.8	176
268	Dopamine receptors: pharmacological and anatomical evidences indicate that two distinct dopamine receptor populations are present in rat striatum. <i>Life Sciences</i> , 1978 , 23, 1745-50	6.8	172
267	Reciprocal regulation of dopamine D1 and D3 receptor function and trafficking by heterodimerization. <i>Molecular Pharmacology</i> , 2008 , 74, 59-69	4.3	166
266	Intranigral kainic acid is evidence that nigral non-dopaminergic neurones control posture. <i>Nature</i> , 1977 , 268, 743-5	50.4	165
265	Evidence for inhibition by brain serotonin of mouse killing behaviour in rats. <i>Nature</i> , 1971 , 233, 272-3	50.4	154
264	Group-I metabotropic glutamate receptors: hypotheses to explain their dual role in neurotoxicity and neuroprotection. <i>Neuropharmacology</i> , 1999 , 38, 1477-84	5.5	147
263	Induction of the unfolded protein response by β synuclein in experimental models of Parkinson's disease. <i>Journal of Neurochemistry</i> , 2011 , 116, 588-605	6	143
262	Evidence for the presence of alpha1 adrenoceptor subtypes in the human ureter. <i>Neurourology and Urodynamics</i> , 2005 , 24, 142-8	2.3	141
261	Effects of rivastigmine on cognitive function in dementia with lewy bodies: a randomised placebo-controlled international study using the cognitive drug research computerised assessment system. <i>Dementia and Geriatric Cognitive Disorders</i> , 2002 , 13, 183-92	2.6	141
260	Localization of nigral dopamine-sensitive adenylate cyclase on neurons originating from the corpus striatum. <i>Science</i> , 1977 , 196, 1343-5	33.3	141
259	Opposing roles for NF-kappa B/Rel factors p65 and c-Rel in the modulation of neuron survival elicited by glutamate and interleukin-1beta. <i>Journal of Biological Chemistry</i> , 2002 , 277, 20717-23	5.4	134
258	Dopamine uptake is differentially regulated in rat striatum and nucleus accumbens. <i>Journal of Neurochemistry</i> , 1985 , 45, 51-6	6	125
257	Interleukin-1beta and glutamate activate the NF-kappaB/Rel binding site from the regulatory region of the amyloid precursor protein gene in primary neuronal cultures. <i>Journal of Biological Chemistry</i> , 1996 , 271, 15002-7	5.4	117

256	A dopamine-stimulated adenylate cyclase in rat substantia nigra. <i>Journal of Neurochemistry</i> , 1976 , 27, 1565-8	6	115
255	Dopamine receptor sensitivity in brain and retina of rats during aging. <i>Brain Research</i> , 1977 , 138, 565-70	3.7	115
254	Review: Parkinson's disease: from synaptic loss to connectome dysfunction. <i>Neuropathology and Applied Neurobiology</i> , 2016 , 42, 77-94	5.2	114
253	Ketamine-xylazine-induced slow (Journal of Neuroscience, 2003 , 23, 7993-8001	6.6	113
252	Bim and Noxa are candidates to mediate the deleterious effect of the NF-kappa B subunit RelA in cerebral ischemia. <i>Journal of Neuroscience</i> , 2006 , 26, 12896-903	6.6	109
251	NF-kappaB pathway: a target for preventing beta-amyloid (Abeta)-induced neuronal damage and Abeta42 production. <i>European Journal of Neuroscience</i> , 2006 , 23, 1711-20	3.5	108
250	Haloperidol increases and apomorphine decreases striatal dopamine metabolism after destruction of striatal dopamine-sensitive adenylate cyclase by kainic acid. <i>Brain Research</i> , 1977 , 130, 374-82	3.7	104
249	Metabotropic glutamate receptor mRNA expression in rat spinal cord. <i>NeuroReport</i> , 1997 , 8, 2695-9	1.7	101
248	Selective increase of brain dopamine induced by gamma-hydroxybutyrate: study of the mechanism of action. <i>Journal of Neurochemistry</i> , 1968 , 15, 377-81	6	99
247	Afferent fibers mediate the increase of met-enkephalin elicited in rat spinal cord by localized pain. <i>Pain</i> , 1984 , 18, 25-31	8	93
246	Procedure for the simultaneous determination of dopamine, 3-methoxy-4-hydroxyphenylacetic acid, and 3,4-dihydroxyphenylacetic acid in brain. <i>Analytical Biochemistry</i> , 1971 , 42, 113-8	3.1	92
245	Effects of bromocriptine on central dopaminergic receptors. <i>Life Sciences</i> , 1976 , 19, 225-31	6.8	91
244	NF-kappaB p50/RelA and c-Rel-containing dimers: opposite regulators of neuron vulnerability to ischaemia. <i>Journal of Neurochemistry</i> , 2009 , 108, 475-85	6	90
243	Induction of tumour-suppressor phosphoprotein p53 in the apoptosis of cultured rat cerebellar neurones triggered by excitatory amino acids. <i>European Journal of Neuroscience</i> , 1998 , 10, 246-54	3.5	90
242	Aging process affects a single class of dopamine receptors. <i>Brain Research</i> , 1980 , 202, 488-92	3.7	90
241	Glycogen synthase kinase-3 inhibition reduces ischemic cerebral damage, restores impaired mitochondrial biogenesis and prevents ROS production. <i>Journal of Neurochemistry</i> , 2011 , 116, 1148-59	6	88
240	Attenuation of excitatory amino acid toxicity by metabotropic glutamate receptor agonists and aniracetam in primary cultures of cerebellar granule cells. <i>Journal of Neurochemistry</i> , 1993 , 61, 683-9	6	86
239	Regulation of nuclear factor kappaB in the hippocampus by group I metabotropic glutamate receptors. <i>Journal of Neuroscience</i> , 2006 , 26, 4870-9	6.6	83

238	NF-kappaB dimers in the regulation of neuronal survival. <i>International Review of Neurobiology</i> , 2009 , 85, 351-62	4.4	80
237	NF-kappaB factor c-Rel mediates neuroprotection elicited by mGlu5 receptor agonists against amyloid beta-peptide toxicity. <i>Cell Death and Differentiation</i> , 2005 , 12, 761-72	12.7	80
236	mGluR5 metabotropic glutamate receptor distribution in rat and human spinal cord: a developmental study. <i>Neuroscience Research</i> , 1997 , 28, 49-57	2.9	79
235	Identification and characterization of a kappa B/Rel binding site in the regulatory region of the amyloid precursor protein gene. <i>Journal of Biological Chemistry</i> , 1995 , 270, 26774-7	5.4	78
234	D2 dopamine receptors associated with inhibition of dopamine release from rat neostriatum are independent of cyclic AMP. <i>Neuroscience Letters</i> , 1986 , 71, 192-6	3.3	76
233	β-synuclein and synapsin III cooperatively regulate synaptic function in dopamine neurons. <i>Journal of Cell Science</i> , 2015 , 128, 2231-43	5.3	75
232	From β-synuclein to synaptic dysfunctions: new insights into the pathophysiology of Parkinson's disease. <i>Brain Research</i> , 2012 , 1476, 183-202	3.7	75
231	Impairment of brain neurotransmitter receptors in aged rats. <i>Mechanisms of Ageing and Development</i> , 1980 , 12, 39-46	5.6	75
230	Leptin is induced in the ischemic cerebral cortex and exerts neuroprotection through NF-kappaB/c-Rel-dependent transcription. <i>Stroke</i> , 2009 , 40, 610-7	6.7	74
229	Leptin increases axonal growth cone size in developing mouse cortical neurons by convergent signals inactivating glycogen synthase kinase-3β. <i>Journal of Biological Chemistry</i> , 2006 , 281, 12950-8	5.4	74
228	Dopamine metabolism and receptor function after acute and chronic ethanol. <i>Journal of Neurochemistry</i> , 1980 , 35, 34-7	6	74
227	Loss of synaptic D1 dopamine/N-methyl-D-aspartate glutamate receptor complexes in L-DOPA-induced dyskinesia in the rat. <i>Molecular Pharmacology</i> , 2006 , 69, 805-12	4.3	73
226	Prevention of neuron and oligodendrocyte degeneration by interleukin-6 (IL-6) and IL-6 receptor/IL-6 fusion protein in organotypic hippocampal slices. <i>Molecular and Cellular Neurosciences</i> , 2004 , 25, 301-11	4.8	73
225	Genotype-dependent sensitivity to morphine: role of different opiate receptor populations. <i>Brain Research</i> , 1980 , 189, 289-94	3.7	73
224	Opposite effects of dopamine D2 and D3 receptors on learning and memory in the rat. <i>European Journal of Pharmacology</i> , 1997 , 336, 107-12	5.3	72
223	Targeted acetylation of NF-kappaB/RelA and histones by epigenetic drugs reduces post-ischemic brain injury in mice with an extended therapeutic window. <i>Neurobiology of Disease</i> , 2013 , 49, 177-89	7.5	71
222	The acetylation of RelA in Lys310 dictates the NF-κB-dependent response in post-ischemic injury. <i>Cell Death and Disease</i> , 2010 , 1, e96	9.8	69
221	Nerve growth factor suppresses the transforming phenotype of human prolactinomas. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1993 , 90, 7961-5	11.5	69

220	Sodium-dependent interaction of benzamides with dopamine receptors. <i>Brain Research</i> , 1980 , 198, 229-337	69
219	Glutamatergic reinnervation through peripheral nerve graft dictates assembly of glutamatergic synapses at rat skeletal muscle. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 8752-7	11.5 67
218	Dopamine D2, D3, and D4 receptor mRNA levels in rat brain and pituitary during aging. <i>Neurobiology of Aging</i> , 1994 , 15, 713-9	5.6 66
217	Changes of beta-endorphin and Met-enkephalin content in the hypothalamus-pituitary axis induced by aging. <i>Journal of Neurochemistry</i> , 1983 , 40, 20-4	6 66
216	The NMDA/D1 receptor complex as a new target in drug development. <i>Current Topics in Medicinal Chemistry</i> , 2006 , 6, 801-8	3 65
215	Nerve growth factor in the anterior pituitary: localization in mammothroph cells and cosecretion with prolactin by a dopamine-regulated mechanism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996 , 93, 4240-5	11.5 65
214	Chronic lead treatment differentially affects dopamine synthesis in various rat brain areas. <i>Toxicology</i> , 1979 , 12, 343-9	4.4 65
213	Soluble interleukin-6 (IL-6) receptor/IL-6 fusion protein enhances in vitro differentiation of purified rat oligodendroglial lineage cells. <i>Molecular and Cellular Neurosciences</i> , 2002 , 21, 602-15	4.8 64
212	Activation of multiple metabotropic glutamate receptor subtypes prevents NMDA-induced excitotoxicity in rat hippocampal slices. <i>European Journal of Neuroscience</i> , 1996 , 8, 1516-21	3.5 64
211	Dopaminergic inhibition of prolactin release and calcium influx induced by neurotensin in anterior pituitary is independent of cyclic AMP system. <i>Journal of Neurochemistry</i> , 1986 , 47, 1689-95	6 64
210	Alpha-synuclein aggregation and cell death triggered by energy deprivation and dopamine overload are counteracted by D2/D3 receptor activation. <i>Journal of Neurochemistry</i> , 2008 , 106, 560-77	6 63
209	Distinct roles of diverse nuclear factor-kappaB complexes in neuropathological mechanisms. <i>European Journal of Pharmacology</i> , 2006 , 545, 22-8	5.3 61
208	Nerve growth factor regulates dopamine D(2) receptor expression in prolactinoma cell lines via p75(NGFR)-mediated activation of nuclear factor-kappaB. <i>Molecular Endocrinology</i> , 2002 , 16, 353-66	61
207	Changes in specific activity of dopamine metabolites as evidence of a multiple compartmentation of dopamine in striatal neurons. <i>Journal of Neurochemistry</i> , 1977 , 28, 193-7	6 61
206	Differential gene expression of cholinergic muscarinic receptor subtypes in male and female normal human urinary bladder. <i>Urology</i> , 2002 , 60, 719-25	1.6 60
205	Stimulation of brain dopamine synthesis by gamma-hydroxybutyrate. <i>Journal of Neurochemistry</i> , 1971 , 18, 1831-6	6 59
204	NF- κ B in Innate Neuroprotection and Age-Related Neurodegenerative Diseases. <i>Frontiers in Neurology</i> , 2015 , 6, 98	4.1 58
203	Repeated reserpine administration up-regulates the transduction mechanisms of D1 receptors without changing the density of [3H]SCH 23390 binding. <i>Brain Research</i> , 1989 , 483, 117-22	3.7 58

202	Cannabinoid receptor antagonists counteract sensorimotor gating deficits in the phencyclidine model of psychosis. <i>Neuropsychopharmacology</i> , 2007 , 32, 2098-107	8.7	56
201	Identification of beta-adrenergic receptor binding sites in rat brain microvessels, using [125I]iodohydroxybenzylpindolol. <i>Journal of Neurochemistry</i> , 1981 , 36, 1383-8	6	56
200	Mitochondrial Dysfunction and β -Synuclein Synaptic Pathology in Parkinson's Disease: Who's on First?. <i>Parkinson's Disease</i> , 2015 , 2015, 108029	2.6	55
199	Late-onset Parkinsonism in NFB/c-Rel-deficient mice. <i>Brain</i> , 2012 , 135, 2750-65	11.2	55
198	Epidermal growth factor induces the functional expression of dopamine receptors in the GH3 cell line. <i>Endocrinology</i> , 1991 , 128, 13-20	4.8	54
197	Potassium channels involved in the transduction mechanism of dopamine D2 receptors in rat lactotrophs. <i>Journal of Physiology</i> , 1989 , 410, 251-65	3.9	53
196	Clozapine-induced alteration of glucose homeostasis in the rat: the contribution of hypothalamic-pituitary-adrenal axis activation. <i>Neuroendocrinology</i> , 2007 , 85, 61-70	5.6	52
195	Preferential alterations in the mesolimbic dopamine pathway of heterozygous reeler mice: an emerging animal-based model of schizophrenia. <i>European Journal of Neuroscience</i> , 2002 , 15, 1197-205	3.5	52
194	Subtypes of beta-adrenergic receptors in rat cerebral microvessels. <i>Brain Research</i> , 1981 , 220, 194-8	3.7	52
193	GPNMB/OA protein increases the invasiveness of human metastatic prostate cancer cell lines DU145 and PC3 through MMP-2 and MMP-9 activity. <i>Experimental Cell Research</i> , 2014 , 323, 100-111	4.2	51
192	Expression of functional NR1/NR2B-type NMDA receptors in neuronally differentiated SK-N-SH human cell line. <i>European Journal of Neuroscience</i> , 2002 , 16, 2342-50	3.5	50
191	Nicotine-induced structural plasticity in mesencephalic dopaminergic neurons is mediated by dopamine D3 receptors and Akt-mTORC1 signaling. <i>Molecular Pharmacology</i> , 2013 , 83, 1176-89	4.3	49
190	Dimerization of dopamine D1 and D3 receptors in the regulation of striatal function. <i>Current Opinion in Pharmacology</i> , 2010 , 10, 87-92	5.1	48
189	Dopamine D2 receptor stimulation inhibits inositol phosphate generating system in rat striatal slices. <i>Brain Research</i> , 1988 , 456, 235-40	3.7	48
188	Action of ethanol and salsolinol on opiate receptor function. <i>Brain Research</i> , 1982 , 232, 506-10	3.7	48
187	Characterization of tau proteins in human neuroblastoma SH-SY5Y cell line. <i>Neuroscience Letters</i> , 1997 , 235, 149-53	3.3	47
186	Neuroprotection by metabotropic glutamate receptor agonists on kainate-induced degeneration of motor neurons in spinal cord slices from adult rat. <i>Neuropharmacology</i> , 2000 , 39, 903-10	5.5	47
185	The Contribution of β -Synuclein Spreading to Parkinson's Disease Synaptopathy. <i>Neural Plasticity</i> , 2017 , 2017, 5012129	3.3	46

184	Redistribution of DAT/βsynuclein complexes visualized by "in situ" proximity ligation assay in transgenic mice modelling early Parkinson's disease. <i>PLoS ONE</i> , 2011 , 6, e27959	3.7	46
183	Post-ischemic brain damage: NF-kappaB dimer heterogeneity as a molecular determinant of neuron vulnerability. <i>FEBS Journal</i> , 2009 , 276, 27-35	5.7	46
182	[(3)H]haloperidol and [(3)H]spiroperidol receptor binding after striatal injection of kainic acid. <i>Neuroscience Letters</i> , 1978 , 8, 207-10	3.3	46
181	Genotype-dependent sensitivity to morphine: dopamine involvement in morphine-induced running in the mouse. <i>Brain Research</i> , 1976 , 114, 536-40	3.7	45
180	L-alpha-glycerylphosphorylcholine antagonizes scopolamine-induced amnesia and enhances hippocampal cholinergic transmission in the rat. <i>European Journal of Pharmacology</i> , 1992 , 211, 351-8	5.3	44
179	Characterization of dopamine receptors associated with aldosterone secretion in rat adrenal glomerulosa. <i>Endocrinology</i> , 1986 , 119, 2227-32	4.8	44
178	Modification of the function of D1 and D2 dopamine receptors in striatum and nucleus accumbens of rats chronically treated with haloperidol. <i>Neuropharmacology</i> , 1987 , 26, 477-80	5.5	44
177	Lewy-body dementia and responsiveness to cholinesterase inhibitors: a paradigm for heterogeneity of Alzheimer's disease?. <i>Trends in Pharmacological Sciences</i> , 1996 , 17, 155-60	13.2	43
176	Identification and characterization of postsynaptic D1- and D2-dopamine receptors in the cardiovascular system. <i>Journal of Cardiovascular Pharmacology</i> , 1988 , 11, 643-50	3.1	43
175	Clinical outcome after extended endovascular recanalization in Buerger's disease in 20 consecutive cases. <i>Annals of Vascular Surgery</i> , 2012 , 26, 387-95	1.7	42
174	Olfaction in Parkinson's disease: methods of assessment and clinical relevance. <i>Journal of Neurology</i> , 2000 , 247, 88-96	5.5	42
173	Effects of ethanol, given during pregnancy, on the offspring dopaminergic system. <i>Pharmacology Biochemistry and Behavior</i> , 1983 , 19, 567-70	3.9	42
172	Identification and characterization of two nuclear factor-kappaB sites in the regulatory region of the dopamine D2 receptor. <i>Endocrinology</i> , 2007 , 148, 2563-70	4.8	41
171	A mass fragmentographic assay of 3-methoxytyramine in rat brain. <i>Journal of Neurochemistry</i> , 1976 , 27, 795-8	6	41
170	Dopamine D3 receptor-preferring agonists increase dendrite arborization of mesencephalic dopaminergic neurons via extracellular signal-regulated kinase phosphorylation. <i>European Journal of Neuroscience</i> , 2008 , 28, 1231-40	3.5	40
169	Structural plasticity in mesencephalic dopaminergic neurons produced by drugs of abuse: critical role of BDNF and dopamine. <i>Frontiers in Pharmacology</i> , 2014 , 5, 259	5.6	39
168	Dopamine inhibition of neurotensin-induced increase in Ca ²⁺ influx into rat pituitary cells. <i>Brain Research</i> , 1985 , 347, 253-7	3.7	39
167	Nerve growth factor controls proliferation and progression of human prolactinoma cell lines through an autocrine mechanism. <i>Molecular Endocrinology</i> , 1996 , 10, 272-285		39

166	Should we be cautious on the use of commercially available antibodies to dopamine receptors?. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2009 , 379, 413-5	3.4	38
165	Gene expression profile activated by the chemokine CCL5/RANTES in human neuronal cells. <i>Journal of Neuroscience Research</i> , 2004 , 78, 371-82	4.4	38
164	Nerve growth factor abrogates the tumorigenicity of human small cell lung cancer cell lines. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998 , 95, 5366-71	11.5	38
163	Various Ca ²⁺ entry blockers prevent glutamate-induced neurotoxicity. <i>European Journal of Pharmacology</i> , 1991 , 209, 169-73	5.3	38
162	Brain neurotransmitter system and chronic lead intoxication. <i>Pharmacological Research Communications</i> , 1980 , 12, 447-60		38
161	Nerve Growth Factor Regulates Dopamine D2 Receptor Expression in Prolactinoma Cell Lines via p75NGFR-Mediated Activation of Nuclear Factor- κ B. <i>Molecular Endocrinology</i> , 2002 , 16, 353-366		37
160	α Synuclein synaptic pathology and its implications in the development of novel therapeutic approaches to cure Parkinson's disease. <i>Brain Research</i> , 2012 , 1432, 95-113	3.7	36
159	Pre-synaptic dopamine D(3) receptor mediates cocaine-induced structural plasticity in mesencephalic dopaminergic neurons via ERK and Akt pathways. <i>Journal of Neurochemistry</i> , 2012 , 120, 765-78	6	36
158	Identification of neurotensin receptors associated with calcium channels and prolactin release in rat pituitary. <i>Journal of Neurochemistry</i> , 1986 , 47, 1682-8	6	36
157	Chronic lead treatment induces in rat a specific and differential effect on dopamine receptors in different brain areas. <i>Brain Research</i> , 1981 , 213, 397-404	3.7	35
156	Effect of chronic lead treatment on brain dopamine synthesis and serum prolactin release in the rat. <i>Toxicology Letters</i> , 1978 , 2, 333-337	4.4	35
155	Dopaminergic and serotonergic anorectics differentially antagonize insulin- and 2-DG-induced hyperphagia. <i>Life Sciences</i> , 1985 , 36, 1739-49	6.8	34
154	LSD and dopamine-sensitive adenylate-cyclase in various rat brain areas. <i>Brain Research</i> , 1975 , 93, 164-7	3.7	34
153	Stimulation of serotonin synthesis by anesthetic and non-anesthetic doses of gamma-hydroxybutyrate. <i>Pharmacological Research Communications</i> , 1973 , 5, 55-69		34
152	Synapsin III deficiency hampers α Synuclein aggregation, striatal synaptic damage and nigral cell loss in an AAV-based mouse model of Parkinson's disease. <i>Acta Neuropathologica</i> , 2018 , 136, 621-639	14.3	33
151	Repeated administration of (-)sulpiride and SCH 23390 differentially up-regulate D-1 and D-2 dopamine receptor function in rat mesostriatal areas but not in cortical-limbic brain regions. <i>European Journal of Pharmacology</i> , 1987 , 138, 45-51	5.3	33
150	The neurobiology of dopamine receptors: evolution from the dual concept to heterodimer complexes. <i>Journal of Receptor and Signal Transduction Research</i> , 2010 , 30, 347-54	2.6	32
149	1B/(-)IRE DMT1 expression during brain ischemia contributes to cell death mediated by NF- κ B/RelA acetylation at Lys310. <i>PLoS ONE</i> , 2012 , 7, e38019	3.7	32

148	CHF5074 (CSP-1103) induces microglia alternative activation in plaque-free Tg2576 mice and primary glial cultures exposed to beta-amyloid. <i>Neuroscience</i> , 2015 , 302, 112-20	3.9	31
147	Reversal of glutamate excitotoxicity by activation of PKC-associated metabotropic glutamate receptors in cerebellar granule cells relies on NR2C subunit expression. <i>European Journal of Neuroscience</i> , 1999 , 11, 2489-96	3.5	31
146	Mitochondria and β Synuclein: Friends or Foes in the Pathogenesis of Parkinson's Disease?. <i>Genes</i> , 2017 , 8,	4.2	30
145	Nerve growth factor signaling in prostate health and disease. <i>Growth Factors</i> , 2010 , 28, 191-201	1.6	30
144	Dopamine enhances Met-enkephalin efflux from rat striatal slices. <i>Brain Research</i> , 1984 , 293, 364-7	3.7	30
143	Ethanol-induced changes of dopaminergic function in three strains of mice characterized by a different population of opiate receptors. <i>Psychopharmacology</i> , 1981 , 74, 260-2	4.7	30
142	Blockade of the tumor necrosis factor-related apoptosis inducing ligand death receptor DR5 prevents beta-amyloid neurotoxicity. <i>Neuropsychopharmacology</i> , 2007 , 32, 872-80	8.7	29
141	Rivastigmine antagonizes deficits in prepulse inhibition induced by selective immunolesioning of cholinergic neurons in nucleus basalis magnocellularis. <i>Neuroscience</i> , 2002 , 114, 91-8	3.9	29
140	Postsynaptic D1 and D2 dopamine receptors are present in rabbit renal and mesenteric arteries. <i>Neuroscience Letters</i> , 1985 , 61, 207-11	3.3	29
139	Long-term effect of ovariectomy on dopamine-stimulated adenylate cyclase in rat striatum and nucleus accumbens. <i>Psychopharmacology</i> , 1979 , 61, 13-6	4.7	29
138	Dose-dependent and reversible effects of lead on rat dopaminergic system. <i>Life Sciences</i> , 1981 , 28, 795-8	3.8	29
137	Metabolic fate of caudate nucleus dopamine. <i>Brain Research</i> , 1972 , 42, 139-45	3.7	29
136	Serotonin and catecholamine concentrations in brain of rats injected intracerebrally with 5,6-dihydroxytryptamine. <i>Brain Research</i> , 1972 , 44, 304-8	3.7	29
135	The "in situ" proximity ligation assay to probe protein-protein interactions in intact tissues. <i>Methods in Molecular Biology</i> , 2014 , 1174, 397-405	1.4	29
134	The miR-21/PTEN/Akt signaling pathway is involved in the anti-tumoral effects of zoledronic acid in human breast cancer cell lines. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2016 , 389, 529-38	3.4	28
133	Pharmacological characterization of D1 and D2 dopamine receptors in rat limbocortical areas. II. Dorsal hippocampus. <i>Neuroscience Letters</i> , 1988 , 87, 253-8	3.3	28
132	Acute and chronic ethanol administration on specific 3H-GABA binding in different rat brain areas. <i>Psychopharmacology</i> , 1980 , 67, 261-4	4.7	28
131	Synapsin III is a key component of β Synuclein fibrils in Lewy bodies of PD brains. <i>Brain Pathology</i> , 2018 , 28, 875-888	6	26

130	Nerve growth factor in pituitary development and pituitary tumors. <i>Frontiers in Neuroendocrinology</i> , 1998 , 19, 128-50	8.9	26
129	Effect of age on beta-adrenergic receptors on cerebral microvessels. <i>Brain Research</i> , 1982 , 244, 374-7	3.7	26
128	Interaction of metergoline with striatal dopamine system. <i>Life Sciences</i> , 1978 , 23, 2383-91	6.8	26
127	Effect of chronic lead treatment on GABA-ergic receptor function in rat brain. <i>Toxicology Letters</i> , 1980 , 6, 427-32	4.4	25
126	Ontogenesis of alpha- and beta-receptors located on cerebral microvessels. <i>Brain Research</i> , 1982 , 242, 358-60	3.7	25
125	Ethanol metabolism and striatal dopamine turnover. <i>Journal of Neural Transmission</i> , 1982 , 53, 169-77	4.3	25
124	An Integrated Approach for a Structural and Functional Evaluation of Biosimilars: Implications for Erythropoietin. <i>BioDrugs</i> , 2015 , 29, 285-300	7.9	24
123	beta-Adrenergic receptors in brain microvessels of diabetic rats. <i>Life Sciences</i> , 1984 , 34, 1095-100	6.8	24
122	Evidence for the presence of D2 but not D1 dopamine receptors in rat hypothalamic perifornical area. <i>Neuroscience Letters</i> , 1986 , 67, 159-62	3.3	24
121	Bromocriptine and lisuride stimulate the accumulation of cyclic AMP in intact slices but not in homogenates of rat neostriatum. <i>Neuroscience Letters</i> , 1979 , 14, 31-6	3.3	24
120	Ropinirole and Pramipexole Promote Structural Plasticity in Human iPSC-Derived Dopaminergic Neurons via BDNF and mTOR Signaling. <i>Neural Plasticity</i> , 2018 , 2018, 4196961	3.3	23
119	The tyrosine phosphatase Shp-2 interacts with the dopamine D(1) receptor and triggers D(1)-mediated Erk signaling in striatal neurons. <i>Journal of Neurochemistry</i> , 2011 , 117, 253-63	6	23
118	Glutamatergic innervation of rat skeletal muscle by supraspinal neurons: a new paradigm in spinal cord injury repair. <i>Current Opinion in Neurobiology</i> , 2006 , 16, 323-8	7.6	23
117	Chronic lead exposure differentially affects dopamine transport in rat striatum and nucleus accumbens. <i>Toxicology</i> , 1984 , 33, 81-90	4.4	23
116	Alpha1 adrenoceptor subtypes in human urinary bladder: sex and regional comparison. <i>Life Sciences</i> , 2004 , 76, 417-27	6.8	22
115	Neuroprotective effect of thyrotropin-releasing hormone against excitatory amino acid-induced cell death in hippocampal slices. <i>European Journal of Pharmacology</i> , 1999 , 370, 133-7	5.3	22
114	Distribution and kainate-mediated induction of the DNA mismatch repair protein MSH2 in rat brain. <i>Neuroscience</i> , 1999 , 94, 1323-31	3.9	22
113	Stimulation of dopamine D-2 receptors increases potassium permeability in mammotrophs. <i>European Journal of Pharmacology</i> , 1987 , 139, 361-2	5.3	22

112	Chronic lead treatment affects dopaminergic control of prolactin secretion in rat pituitary. <i>Toxicology Letters</i> , 1984 , 20, 237-41	4.4	22
111	Identification of novel alternatively-spliced mRNA isoforms of metabotropic glutamate receptor 6 gene in rat and human retina. <i>Gene</i> , 2001 , 262, 99-106	3.8	21
110	Inhibition of glutamate-induced neurotoxicity by a tau antisense oligonucleotide in primary culture of rat cerebellar granule cells. <i>European Journal of Neuroscience</i> , 1995 , 7, 1603-13	3.5	21
109	Role of Dopamine D2/D3 Receptors in Development, Plasticity, and Neuroprotection in Human iPSC-Derived Midbrain Dopaminergic Neurons. <i>Molecular Neurobiology</i> , 2018 , 55, 1054-1067	6.2	20
108	Synergistic Association of Valproate and Resveratrol Reduces Brain Injury in Ischemic Stroke. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	20
107	Different muscarinic receptor subtypes modulate proliferation of primary human detrusor smooth muscle cells via Akt/PI3K and map kinases. <i>Pharmacological Research</i> , 2013 , 74, 1-6	10.2	20
106	Presenilin 2 mutations alter cystatin C trafficking in mouse primary neurons. <i>Neurobiology of Aging</i> , 2007 , 28, 371-6	5.6	20
105	Nerve growth factor induces the re-expression of functional androgen receptors and p75(NGFR) in the androgen-insensitive prostate cancer cell line DU145. <i>European Journal of Endocrinology</i> , 2002 , 147, 407-15	6.5	20
104	Nerve growth factor and bromocriptine: a sequential therapy for human bromocriptine-resistant prolactinomas. <i>British Journal of Cancer</i> , 1995 , 72, 1397-9	8.7	20
103	Alpha-synuclein modulates NR2B-containing NMDA receptors and decreases their levels after rotenone exposure. <i>Neurochemistry International</i> , 2015 , 85-86, 14-23	4.4	19
102	The B-secretase modulator CHF5074 reduces the accumulation of native hyperphosphorylated tau in a transgenic mouse model of AlzheimerB disease. <i>Journal of Molecular Neuroscience</i> , 2011 , 45, 22-31	3.3	19
101	Gene expression profile of prostate cancer cell lines: effect of nerve growth factor treatment. <i>Molecular and Cellular Endocrinology</i> , 2008 , 284, 11-20	4.4	19
100	Different neurotransmitter systems are involved in the development of esophageal achalasia. <i>Life Sciences</i> , 1995 , 56, 1311-20	6.8	19
99	Opposing regulation of amyloid precursor protein by ionotropic and metabotropic glutamate receptors. <i>NeuroReport</i> , 1995 , 6, 1317-21	1.7	19
98	Immunoreactive met-enkephalin plasma concentrations in chronic alcoholics and in children born from alcoholic mothers. <i>Life Sciences</i> , 1983 , 33, 1581-6	6.8	19
97	Neuronal mechanisms regulating ethanol effects on the dopaminergic system. <i>Life Sciences</i> , 1982 , 30, 2163-70	6.8	19
96	Muscarinic receptors stimulate cell proliferation in the human urothelium-derived cell line UROtsa. <i>Pharmacological Research</i> , 2011 , 64, 420-5	10.2	18
95	Activation of NF-kappaB p65/c-Rel dimer is associated with neuroprotection elicited by mGlu5 receptor agonists against MPP(+) toxicity in SK-N-SH cells. <i>Journal of Neural Transmission</i> , 2008 , 115, 669-76	4.3	18

94	Effect of chronic ethanol treatment on adenylate cyclase activity in rat striatum. <i>Neuroscience Letters</i> , 1983 , 40, 187-92	3.3	18
93	Evidence for the presence of D1 and D2 dopamine receptors in the rat adrenal cortex. <i>European Journal of Pharmacology</i> , 1985 , 109, 315-6	5.3	18
92	Effect of lead exposure on dopaminergic receptors in rat striatum and nucleus accumbens. <i>Brain Research</i> , 1986 , 381, 138-42	3.7	18
91	The End Is the Beginning: Parkinson's Disease in the Light of Brain Imaging. <i>Frontiers in Aging Neuroscience</i> , 2017 , 9, 330	5.3	17
90	Rat pituitary cells selectively express mRNA encoding the short isoform of the $\gamma 2$ GABAA receptor subunit. <i>Molecular Brain Research</i> , 1992 , 13, 145-50		17
89	Pharmacological characterization of D1 and D2 dopamine receptors in rat limbocortical areas. I. Frontal cortex. <i>Neuroscience Letters</i> , 1988 , 87, 247-52	3.3	17
88	Lack of correlation between the neurochemical and behavioural effects induced by d-amphetamine in chronically lead-treated rats. <i>Neuropharmacology</i> , 1980 , 19, 795-9	5.5	17
87	PEA and luteolin synergistically reduce mast cell-mediated toxicity and elicit neuroprotection in cell-based models of brain ischemia. <i>Brain Research</i> , 2016 , 1648, 409-417	3.7	16
86	Glutamatergic reinnervation and assembly of glutamatergic synapses in adult rat skeletal muscle occurs at cholinergic endplates. <i>Journal of Neuropathology and Experimental Neurology</i> , 2009 , 68, 1103-15 ¹	3.1	16
85	Role of receptor heterodimers in the development of L-dopa-induced dyskinesias in the 6-hydroxydopamine rat model of Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2008 , 14 Suppl 2, S159-64	3.6	16
84	Prolactin releasing effect of sulpiride isomers in rats and man. <i>Journal of Neural Transmission</i> , 1979 , 46, 205-14	4.3	16
83	Characterization of dopamine receptors in various species of invertebrates and vertebrates. <i>Neuroscience</i> , 1981 , 6, 2077-9	3.9	16
82	Antisense strategy unravels a dopamine receptor distinct from the D2 subtype, uncoupled with adenylyl cyclase, inhibiting prolactin release from rat pituitary cells. <i>Journal of Neurochemistry</i> , 1994 , 62, 1260-6	6	15
81	The inhibitor of I kappa B alpha phosphorylation BAY 11-7082 prevents NMDA neurotoxicity in mouse hippocampal slices. <i>Neuroscience Letters</i> , 2005 , 377, 147-51	3.3	15
80	Combined alpha 2-adrenergic/D2 dopamine receptor blockade fails to reproduce the ability of clozapine to reverse phencyclidine-induced deficits in prepulse inhibition of startle. <i>Psychopharmacology</i> , 2001 , 159, 105-10	4.7	15
79	Stereospecific effects of (-)-sulpiride on brain dopamine metabolism and prolactin release. <i>Journal of Neurochemistry</i> , 1979 , 32, 1547-50	6	15
78	Differential effect of reserpine on dopaminergic receptor function in rat substantia nigra and caudate nucleus. <i>Brain Research</i> , 1979 , 160, 553-8	3.7	15
77	Effects of GTP and sodium on rat striatal dopamine receptors labeled with lisuride. <i>Brain Research</i> , 1982 , 248, 185-7	3.7	15

76	Hormonal inputs and brain tryptophan metabolism: the effect of growth hormone. <i>Experientia</i> , 1975 , 31, 384-6		15
75	Detection of muscarinic receptor subtypes in human urinary bladder mucosa: age and gender-dependent modifications. <i>Neurourology and Urodynamics</i> , 2008 , 27, 421-8	2.3	14
74	Spinal cord mGlu1a receptors: possible target for amyotrophic lateral sclerosis therapy. <i>Pharmacology Biochemistry and Behavior</i> , 2002 , 73, 447-54	3.9	14
73	Low doses of l-sulpiride down-regulate striatal and cortical dopamine receptors and beta-adrenoceptors. <i>European Journal of Pharmacology</i> , 1991 , 199, 247-53	5.3	14
72	Differential expression of fetal and mature tau isoforms in primary cultures of rat cerebellar granule cells during differentiation in vitro. <i>Molecular Brain Research</i> , 1995 , 34, 38-44		13
71	Striatal adenylate cyclase-inhibiting dopamine D2 receptors are not affected by the aging process. <i>Neuroscience Letters</i> , 1987 , 75, 38-42	3.3	13
70	Nerve growth factor and retinoic acid interactions in the control of small cell lung cancer proliferation. <i>European Journal of Endocrinology</i> , 2002 , 147, 371-9	6.5	12
69	Activation of dopamine D2 receptors linked to voltage-sensitive potassium channels reduces forskolin-induced cyclic AMP formation in rat pituitary cells. <i>Journal of Neurochemistry</i> , 1992 , 59, 1829-35	6	12
68	Identification of D-2 dopaminergic receptors in bovine adrenal cortex. <i>Life Sciences</i> , 1985 , 37, 2539-48	6.8	12
67	NF-B and epigenetic mechanisms as integrative regulators of brain resilience to anoxic stress. <i>Brain Research</i> , 2012 , 1476, 203-10	3.7	11
66	Sex-related variations in serum nerve growth factor concentration in humans. <i>Neuropeptides</i> , 2002 , 36, 391-5	3.3	11
65	Alternative splicing of mGlu6 gene generates a truncated glutamate receptor in rat retina. <i>NeuroReport</i> , 2001 , 12, 2711-5	1.7	11
64	Age related changes of enkephalin in rat spinal cord. <i>Brain Research</i> , 1983 , 262, 160-2	3.7	11
63	Dihydroergotoxine decreases blood pressure in spontaneously hypertensive rats by interacting with peripheral dopamine receptors. <i>Life Sciences</i> , 1985 , 36, 1515-22	6.8	11
62	Interaction of sulpiride and ergot derivatives on rat brain DOPAC concentration and prolactin secretion in vivo. <i>European Journal of Pharmacology</i> , 1979 , 56, 15-20	5.3	11
61	Central toxic effects of chronic ethanol treatment: actions on GABA and benzodiazepine recognition sites. <i>Toxicology Letters</i> , 1982 , 13, 99-103	4.4	11
60	Targeting of Disordered Proteins by Small Molecules in Neurodegenerative Diseases. <i>Handbook of Experimental Pharmacology</i> , 2018 , 245, 85-110	3.2	10
59	Priming of cultured neurons with sabeluzole results in long-lasting inhibition of neurotoxin-induced tau expression and cell death. <i>Synapse</i> , 1997 , 26, 95-103	2.4	10

58	Opposing regulation of tau protein levels by ionotropic and metabotropic glutamate receptors in human NT2 neurons. <i>Neuroscience Letters</i> , 1998 , 243, 77-80	3.3	10
57	Effects of olanzapine on glucose transport, proliferation and survival in C2C12 myoblasts. <i>Molecular and Cellular Endocrinology</i> , 2008 , 292, 42-9	4.4	10
56	Epidermal growth factor promotes uncoupling from adenylyl cyclase of the rat D2S receptor expressed in GH4C1 cells. <i>Journal of Neurochemistry</i> , 1994 , 62, 907-15	6	10
55	Selective disarrangement of the rostral telencephalic cholinergic system in heterozygous reeler mice. <i>Neuroscience</i> , 2007 , 144, 834-44	3.9	10
54	Growth factors in pituitary tumors. <i>Pituitary</i> , 1999 , 1, 153-8	4.3	10
53	alpha-Amino-3-hydroxy-5-methyl-4-isoxazolepropionate and kainate differently affect neuronal cytoarchitecture of rat cerebellar granule cells. <i>Neuroscience Letters</i> , 1994 , 166, 77-80	3.3	10
52	Evidence for the presence of both D-1 and D-2 dopamine receptors in human esophagus. <i>Life Sciences</i> , 1990 , 47, 447-55	6.8	10
51	Reversal by the selective D-2 dopamine receptor blocker sulpiride of the hypotensive effect of co-dergocrine in elderly hypertensives. <i>European Journal of Clinical Pharmacology</i> , 1987 , 33, 519-21	2.8	10
50	Effect of temperature and ionic environment on the specific binding of (3)H(-)sulpiride to membranes from different rat brain regions. <i>Neurochemistry International</i> , 1985 , 7, 279-84	4.4	10
49	Rat dopaminergic function in the retina during aging. <i>Neurobiology of Aging</i> , 1981 , 2, 229-31	5.6	10
48	Targeting IKK2 by pharmacological inhibitor AS602868 prevents excitotoxic injury to neurons and oligodendrocytes. <i>Journal of Neural Transmission</i> , 2008 , 115, 693-701	4.3	9
47	Selective immunolesioning of cholinergic neurons in nucleus basalis magnocellularis impairs prepulse inhibition of acoustic startle. <i>Neuroscience</i> , 2001 , 108, 299-305	3.9	9
46	Properties of benzodiazepine binding sites in peripheral blood lymphocytes. <i>Journal of Clinical Laboratory Analysis</i> , 1989 , 3, 332-6	3	9
45	Differential effect of acute reserpine administration on D-1 and D-2 dopaminergic receptor density and function in rat striatum. <i>Neurochemistry International</i> , 1989 , 14, 61-4	4.4	9
44	Dopaminergic regulation of aldosterone secretion. Biochemical mechanisms and pharmacology. <i>American Journal of Hypertension</i> , 1990 , 3, 93S-95S	2.3	9
43	Opposing roles for D-1 and D-2 dopamine receptors in the regulation of lower esophageal sphincter motility in the rat. <i>Life Sciences</i> , 1994 , 54, 1035-45	6.8	8
42	A mechanism additional to cyclic AMP accumulation for vasoactive intestinal peptide-induced prolactin release. <i>Neuroendocrinology</i> , 1990 , 51, 481-6	5.6	8
41	Repeated administration of lisuride down-regulates dopamine D-2 receptor function in mesostriatal and in mesolimbocortical rat brain regions. <i>European Journal of Pharmacology</i> , 1990 , 176, 85-90	5.3	8

40	Inhibition of the aldosterone response to sodium depletion in man by stimulation of dopamine DA2 receptors. <i>European Journal of Clinical Pharmacology</i> , 1988 , 35, 323-6	2.8	8
39	Tolerance to some behavioural effects of lisuride, a dopamine receptor agonist, and reverse tolerance to others, after repeated administration. <i>Neuropharmacology</i> , 1985 , 24, 199-206	5.5	8
38	Effect of desmethyldiazepam and chlordesmethyldiazepam on 3P5Pcyclic guanosine monophosphate levels in rat cerebellum. <i>Psychopharmacology</i> , 1976 , 50, 241-4	4.7	8
37	Functional interaction between receptors for dopamine antagonists and GABA central receptors. <i>Life Sciences</i> , 1978 , 23, 1751-6	6.8	8
36	Computational and functional analysis of biopharmaceutical drugs in zebrafish: Erythropoietin as a test model. <i>Pharmacological Research</i> , 2015 , 102, 12-21	10.2	7
35	Release of met-enkephalin from rat striatal slices: effect of amphetamine and fipexide. <i>Brain Research</i> , 1986 , 398, 212-4	3.7	7
34	Effect of right middle cerebral artery occlusion on striatal dopaminergic function. <i>Journal of Neural Transmission</i> , 1982 , 53, 257-64	4.3	7
33	Increased serum concentration of nerve growth factor in patients with microprolactinoma. <i>Neuropeptides</i> , 2004 , 38, 21-4	3.3	6
32	Vasoactive intestinal polypeptide (VIP) selectively stimulates prolactin release in healthy women. <i>Gynecological Endocrinology</i> , 1988 , 2, 11-8	2.4	6
31	The influence of dopamine on the incorporation of different sugars into total proteins of hippocampal slices. <i>Pharmacology Biochemistry and Behavior</i> , 1980 , 13, 303-4	3.9	6
30	Influence of clofibrate on serum tryptophan in man. <i>Research in Experimental Medicine</i> , 1974 , 163, 265-9		6
29	Depletion of Progranulin Reduces GluN2B-Containing NMDA Receptor Density, Tau Phosphorylation, and Dendritic Arborization in Mouse Primary Cortical Neurons. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2017 , 363, 164-175	4.7	5
28	Neuroprotective and Anti-Apoptotic Effects of CSP-1103 in Primary Cortical Neurons Exposed to Oxygen and Glucose Deprivation. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	5
27	Antisense strategy unravels tau proteins as molecular risk factors for glutamate-induced neurodegeneration. <i>Cellular and Molecular Neurobiology</i> , 1994 , 14, 569-78	4.6	5
26	Angiotensin II differentially affects cyclic AMP formation in intact adrenal glomerulosa cells and in purified membrane preparations. <i>Regulatory Peptides</i> , 1989 , 24, 167-78		5
25	Volume Transmission and the Russian-Doll Organization of Brain Cell Networks: Aspects of Their Integrative Actions 2014 , 103-119		5
24	Molecular and pharmacological detection of dopaminergic receptors in the human male urinary tract. <i>Neurourology and Urodynamics</i> , 2009 , 28, 343-8	2.3	4
23	Immature neuronal phenotype derived from mouse skin precursor cells differentiated in vitro. <i>Brain Research</i> , 2006 , 1109, 32-6	3.7	4

22	N-methyl-D-aspartate neurotoxicity in hippocampal slices: protection by aniracetam. <i>European Journal of Pharmacology</i> , 1995 , 275, 311-4	5.3	4
21	Tau protein immunolocalization in fetal and adult human spinal cord. <i>Neuroscience Research</i> , 1995 , 22, 197-202	2.9	4
20	Decreased content of met-enkephalin-like peptides in superior cervical and coeliac ganglia of aged rats. <i>Neurobiology of Aging</i> , 1983 , 4, 147-49	5.6	4
19	Chronic lead exposure alters dopaminergic mechanisms in rat pituitary. <i>Toxicology Letters</i> , 1986 , 32, 255-60	4.4	4
18	Involvement of target gene polymorphisms in 5-Fluorouracil toxicity: a case report. <i>Pharmacology</i> , 2012 , 89, 99-102	2.3	3
17	Alzheimer's disease and Lewy body dementia. <i>British Journal of Psychiatry</i> , 1993 , 163, 693-4; author reply 694-5	5.4	3
16	Effect of reserpine on adenylate cyclase system of rat striatum. <i>Neurochemical Research</i> , 1976 , 1, 329-36	4.6	3
15	Inhibitory effects of cyclic-AMP dependent protein kinase on guanylate cyclase activity in rat cerebellum. <i>FEBS Letters</i> , 1978 , 93, 231-4	3.8	3
14	Molecular mechanisms of glutamate-induced neurodegeneration. <i>International Review of Psychiatry</i> , 1995 , 7, 339-348	3.6	2
13	Deafferentation induces early and delayed differential changes in the pattern of expression of the various guanine nucleotide binding protein mRNAs in rat striatum. <i>Neuroscience Letters</i> , 1993 , 164, 109-12	3.3	2
12	Glutamatergic neurons induce expression of functional glutamatergic synapses in primary myotubes. <i>PLoS ONE</i> , 2012 , 7, e31451	3.7	2
11	Activation of opioid receptors inhibits neuronal-like calcium channels, distal steps of secretion, and cell proliferation in human small cell lung carcinoma cells. <i>Annals of the New York Academy of Sciences</i> , 1998 , 841, 646-50	6.5	1
10	Science, medicine and Golgi. <i>Nature Medicine</i> , 1995 , 1, 386	50.5	1
9	Increase of aldosterone secretion following acute haloperidol administration: possible clinical implications. <i>International Clinical Psychopharmacology</i> , 1996 , 11, 67-70	2.2	1
8	Tolerance to hypoactivity and sensitization to hyperactivity after chronic treatment with a presynaptic dose of lisuride in rats. <i>European Journal of Pharmacology</i> , 1992 , 216, 81-6	5.3	1
7	Effects of chronic treatment with L-alpha-glycerylphosphorylcholine on hippocampal cholinergic transmission in the rat. <i>Drug Development Research</i> , 1992 , 27, 277-286	5.1	1
6	Evidence for the presence of D1 and D2 dopamine receptors in rat oesophagus. <i>Pharmacological Research</i> , 1989 , 21, 123-4	10.2	1
5	Differential up-regulation of D-1 and D-2 dopamine receptor function in mesostriatal areas but not in cortical-limbic brain regions of rats chronically treated with Haloperidol and SCH 23390. <i>Drug Development Research</i> , 1987 , 11, 243-249	5.1	1

4 The Proximity Ligation Assay: A High Throughput Technique for Protein Analysis in Neuroscience
2015, 231-240

3 Downregulation of nicotinic acetylcholine receptors by nerve growth factor in human small cell
lung carcinoma cell lines. *Annals of the New York Academy of Sciences*, **1998**, 841, 651-4 6.5

2 A superfusion method for the study of calcium fluxes from pituitary cells. *Journal of
Pharmacological Methods*, **1988**, 19, 263-6

1 Oligomerization of Dopamine D1 and Glutamate NMDA Receptors: A New Mechanism Regulating
Striatal Function **2005**, 141-149