

Pierfranco Spano

List of Publications by Year in descending order

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274
papers

14,466
citations

14614

66
h-index

28224

105
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278
all docs

278
docs citations

278
times ranked

11266
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficacy of rivastigmine in dementia with Lewy bodies: a randomised, double-blind, placebo-controlled international study. <i>Lancet, The</i> , 2000, 356, 2031-2036.	6.3	1,138
2	Neuroprotection by Aspirin and Sodium Salicylate Through Blockade of NF-kappa B Activation. <i>Science</i> , 1996, 274, 1383-1385.	6.0	776
3	Intranigral kainic acid is evidence that nigral non-dopaminergic neurones control posture. <i>Nature</i> , 1977, 268, 743-745.	13.7	244
4	SNARE protein redistribution and synaptic failure in a transgenic mouse model of Parkinson's disease. <i>Brain</i> , 2010, 133, 2032-2044.	3.7	236
5	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, 20196-20202.	1.6	200
6	Reciprocal Regulation of Dopamine D1 and D3 Receptor Function and Trafficking by Heterodimerization. <i>Molecular Pharmacology</i> , 2008, 74, 59-69.	1.0	195
7	Sulpiride: A study of the effects on dopamine receptors in rat neostriatum and limbic forebrain. <i>Life Sciences</i> , 1975, 17, 1551-1556.	2.0	189
8	Dopamine receptors: Pharmacological and anatomical evidences indicate that two distinct dopamine receptor populations are present in rat striatum. <i>Life Sciences</i> , 1978, 23, 1745-1750.	2.0	186
9	Induction of the unfolded protein response by α -synuclein in experimental models of Parkinson's disease. <i>Journal of Neurochemistry</i> , 2011, 116, 588-605.	2.1	178
10	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, 183-192.	0.7	173
11	Evidence for Inhibition by Brain Serotonin of Mouse Killing Behaviour in Rats. <i>Nature</i> , 1971, 233, 272-273.	13.7	169
12	Evidence for the presence of β 1 adrenoceptor subtypes in the human ureter. <i>Neurourology and Urodynamics</i> , 2005, 24, 142-148.	0.8	165
13	Review: Parkinson's disease: from synaptic loss to connectome dysfunction. <i>Neuropathology and Applied Neurobiology</i> , 2016, 42, 77-94.	1.8	163
14	Group-I metabotropic glutamate receptors: hypotheses to explain their dual role in neurotoxicity and neuroprotection. <i>Neuropharmacology</i> , 1999, 38, 1477-1484.	2.0	153
15	Localization of nigral dopamine-sensitive adenylate cyclase on neurons originating from the corpus striatum. <i>Science</i> , 1977, 196, 1343-1345.	6.0	146
16	Opposing Roles for NF- κ B/Rel Factors p65 and c-Rel in the Modulation of Neuron Survival Elicited by Glutamate and Interleukin-1 β . <i>Journal of Biological Chemistry</i> , 2002, 277, 20717-20723.	1.6	145
17	Ketamine-Xylazine-Induced Slow (< 1.5 Hz) Oscillations in the Rat Piriform (Olfactory) Cortex Are Functionally Correlated with Respiration. <i>Journal of Neuroscience</i> , 2003, 23, 7993-8001.	1.7	142
18	Interleukin-1 β and Glutamate Activate the NF- κ B/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, 15002-15007.	1.6	137

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19	Dopamine Uptake is Differentially Regulated in Rat Striatum and Nucleus Accumbens. <i>Journal of Neurochemistry</i> , 1985, 45, 51-56.	2.1	132
20	NF- κ B pathway: a target for preventing $\text{A}\beta$ -amyloid ($\text{A}\beta$)-induced neuronal damage and $\text{A}\beta$ 42 production. <i>European Journal of Neuroscience</i> , 2006, 23, 1711-1720.	1.2	131
21	Dopamine receptor sensitivity in brain and retina of rats during aging. <i>Brain Research</i> , 1977, 138, 565-570.	1.1	121
22	Bim and Noxa Are Candidates to Mediate the Deleterious Effect of the NF- κ B Subunit RelA in Cerebral Ischemia. <i>Journal of Neuroscience</i> , 2006, 26, 12896-12903.	1.7	119
23	A dopamine-stimulated adenylate cyclase in rat substantia nigra. <i>Journal of Neurochemistry</i> , 1976, 27, 1565-1568.	2.1	117
24	SELECTIVE INCREASE OF BRAIN DOPAMINE INDUCED BY γ -HYDROXYBUTYRATE: STUDY OF THE MECHANISM OF ACTION. <i>Journal of Neurochemistry</i> , 1968, 15, 377-381.	2.1	111
25	Metabotropic glutamate receptor mRNA expression in rat spinal cord. <i>NeuroReport</i> , 1997, 8, 2695-2699.	0.6	109
26	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, 374-382.	1.1	107
27	Glycogen synthase kinase-3 inhibition reduces ischemic cerebral damage, restores impaired mitochondrial biogenesis and prevents ROS production. <i>Journal of Neurochemistry</i> , 2011, 116, 1148-1159.	2.1	105
28	Afferent fibers mediate the increase of met-enkephalin elicited in rat spinal cord by localized pain. <i>Pain</i> , 1984, 18, 25-31.	2.0	102
29	α -synuclein and synapsin III cooperatively regulate synaptic function in dopamine neurons. <i>Journal of Cell Science</i> , 2015, 128, 2231-2243.	1.2	99
30	Aging process affects a single class of dopamine receptors. <i>Brain Research</i> , 1980, 202, 488-492.	1.1	98
31	Regulation of Nuclear Factor κ B in the Hippocampus by Group I Metabotropic Glutamate Receptors. <i>Journal of Neuroscience</i> , 2006, 26, 4870-4879.	1.7	98
32	Effects of bromocriptine on central dopaminergic receptors. <i>Life Sciences</i> , 1976, 19, 225-232.	2.0	97
33	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, 246-254.	1.2	97
34	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, 113-118.	1.1	96
35	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, 683-689.	2.1	96
36	NF- κ B p50/RelA and c-Rel-containing dimers: opposite regulators of neuron vulnerability to ischaemia. <i>Journal of Neurochemistry</i> , 2009, 108, 475-485.	2.1	93

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37	mGluR5 metabotropic glutamate receptor distribution in rat and human spinal cord: a developmental study. <i>Neuroscience Research</i> , 1997, 28, 49-57.	1.0	90
38	From α -synuclein to synaptic dysfunctions: New insights into the pathophysiology of Parkinson's disease. <i>Brain Research</i> , 2012, 1476, 183-202.	1.1	89
39	Identification and Characterization of a β /Rel Binding Site in the Regulatory Region of the Amyloid Precursor Protein Gene. <i>Journal of Biological Chemistry</i> , 1995, 270, 26774-26777.	1.6	88
40	NF- β factor c-Rel mediates neuroprotection elicited by mGlu5 receptor agonists against amyloid β -peptide toxicity. <i>Cell Death and Differentiation</i> , 2005, 12, 761-772.	5.0	87
41	Chapter 24 NF- κ B Dimers in the Regulation of Neuronal Survival. <i>International Review of Neurobiology</i> , 2009, 85, 351-362.	0.9	87
42	Leptin Increases Axonal Growth Cone Size in Developing Mouse Cortical Neurons by Convergent Signals Inactivating Glycogen Synthase Kinase-3 β . <i>Journal of Biological Chemistry</i> , 2006, 281, 12950-12958.	1.6	86
43	Impairment of brain neurotransmitter receptors in aged rats. <i>Mechanisms of Ageing and Development</i> , 1980, 12, 39-46.	2.2	85
44	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, 301-311.	1.0	84
45	Leptin Is Induced in the Ischemic Cerebral Cortex and Exerts Neuroprotection Through NF- β /c-Rel-Dependent Transcription. <i>Stroke</i> , 2009, 40, 610-617.	1.0	83
46	Targeted acetylation of NF- κ B/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, 177-189.	2.1	83
47	Opposite effects of dopamine D2 and D3 receptors on learning and memory in the rat. <i>European Journal of Pharmacology</i> , 1997, 336, 107-112.	1.7	82
48	Dopamine Metabolism and Receptor Function After Acute and Chronic Ethanol. <i>Journal of Neurochemistry</i> , 1980, 35, 34-37.	2.1	81
49	The acetylation of RelA in Lys310 dictates the NF- β -dependent response in post-ischemic injury. <i>Cell Death and Disease</i> , 2010, 1, e96-e96.	2.7	81
50	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, 7961-7965.	3.3	80
51	D2 dopamine receptors associated with inhibition of dopamine release from rat neostriatum are independent of cyclic AMP. <i>Neuroscience Letters</i> , 1986, 71, 192-196.	1.0	79
52	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, 8752-8757.	3.3	76
53	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, 805-812.	1.0	75
54	Genotype-dependent sensitivity to morphine: role of different opiate receptor populations. <i>Brain Research</i> , 1980, 189, 289-294.	1.1	74

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55	Alpha-synuclein aggregation and cell death triggered by energy deprivation and dopamine overload are counteracted by D ₂ /D ₃ receptor activation. <i>Journal of Neurochemistry</i> , 2008, 106, 560-577.	2.1	74
56	Sodium-dependent interaction of benzamides with dopamine receptors. <i>Brain Research</i> , 1980, 198, 229-233.	1.1	73
57	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, 1689-1695.	2.1	73
58	NF- κ B in Innate Neuroprotection and Age-Related Neurodegenerative Diseases. <i>Frontiers in Neurology</i> , 2015, 6, 98.	1.1	73
59	Changes of β -Endorphin and Met-Enkephalin Content in the Hypothalamus-Pituitary Axis Induced by Aging. <i>Journal of Neurochemistry</i> , 1983, 40, 20-24.	2.1	72
60	Differential gene expression of cholinergic muscarinic receptor subtypes in male and female normal human urinary bladder. <i>Urology</i> , 2002, 60, 719-725.	0.5	72
61	The NMDA/D1 Receptor Complex as a New Target in Drug Development. <i>Current Topics in Medicinal Chemistry</i> , 2006, 6, 801-808.	1.0	72
62	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, 4240-4245.	3.3	71
63	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, 602-615.	1.0	71
64	The Contribution of α -Synuclein Spreading to Parkinson's Disease Synaptopathy. <i>Neural Plasticity</i> , 2017, 2017, 1-15.	1.0	70
65	Chronic lead treatment differentially affects dopamine synthesis in various rat brain areas. <i>Toxicology</i> , 1979, 12, 343-349.	2.0	68
66	Dopamine D2, D3, and D4 receptor mRNA levels in rat brain and pituitary during aging. <i>Neurobiology of Aging</i> , 1994, 15, 713-719.	1.5	68
67	Activation of Multiple Metabotropic Glutamate Receptor Subtypes Prevents NMDA-induced Excitotoxicity in Rat Hippocampal Slices. <i>European Journal of Neuroscience</i> , 1996, 8, 1516-1521.	1.2	68
68	Distinct roles of diverse nuclear factor- κ B complexes in neuropathological mechanisms. <i>European Journal of Pharmacology</i> , 2006, 545, 22-28.	1.7	67
69	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.	3.7	66
70	Late-onset Parkinsonism in NF- κ B/c-Rel-deficient mice. <i>Brain</i> , 2012, 135, 2750-2765.	3.7	66
71	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, 193-197.	2.1	65
72	L-tryptophan-glycylphorylcholine antagonizes scopolamine-induced amnesia and enhances hippocampal cholinergic transmission in the rat. <i>European Journal of Pharmacology</i> , 1992, 211, 351-358.	1.7	65

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73	Cannabinoid Receptor Antagonists Counteract Sensorimotor Gating Deficits in the Phencyclidine Model of Psychosis. <i>Neuropsychopharmacology</i> , 2007, 32, 2098-2107.	2.8	64
74	Redistribution of DAT/Î±-Synuclein Complexes Visualized by α -Proximity Ligation Assay in Transgenic Mice Modelling Early Parkinson's Disease. <i>PLoS ONE</i> , 2011, 6, e27959.	1.1	62
75	Mitochondrial Dysfunction and Î±-Synuclein Synaptic Pathology in Parkinson's Disease: Who's on First?. <i>Parkinson's Disease</i> , 2015, 2015, 1-10.	0.6	62
76	STIMULATION OF BRAIN DOPAMINE SYNTHESIS BY GAMMA-HYDROXYBUTYRATE. <i>Journal of Neurochemistry</i> , 1971, 18, 1831-1836.	2.1	61
77	Identification of β -Adrenergic Receptor Binding Sites in Rat Brain Micro vessels, Using [125I]iodohydroxybenzylpindolol. <i>Journal of Neurochemistry</i> , 1981, 36, 1383-1388.	2.1	61
78	Epidermal Growth Factor Induces the Functional Expression of Dopamine Receptors in the GH3 Cell Line*. <i>Endocrinology</i> , 1991, 128, 13-20.	1.4	61
79	Nicotine-Induced Structural Plasticity in Mesencephalic Dopaminergic Neurons Is Mediated by Dopamine D3 Receptors and Akt-mTORC1 Signaling. <i>Molecular Pharmacology</i> , 2013, 83, 1176-1189.	1.0	61
80	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.	1.2	61
81	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, 1197-1205.	1.2	60
82	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, 117-122.	1.1	58
83	Dimerization of dopamine D1 and D3 receptors in the regulation of striatal function. <i>Current Opinion in Pharmacology</i> , 2010, 10, 87-92.	1.7	58
84	Clozapine-Induced Alteration of Glucose Homeostasis in the Rat: The Contribution of Hypothalamic-Pituitary-Adrenal Axis Activation. <i>Neuroendocrinology</i> , 2007, 85, 61-70.	1.2	57
85	Subtypes of β -adrenergic receptors in rat cerebral microvessels. <i>Brain Research</i> , 1981, 220, 194-198.	1.1	56
86	Potassium channels involved in the transduction mechanism of dopamine D2 receptors in rat lactotrophs.. <i>Journal of Physiology</i> , 1989, 410, 251-265.	1.3	56
87	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, 2342-2350.	1.2	56
88	Action of ethanol and salsolinol on opiate receptor function. <i>Brain Research</i> , 1982, 232, 506-510.	1.1	54
89	Olfaction in Parkinson's disease: methods of assessment and clinical relevance. <i>Journal of Neurology</i> , 2000, 247, 88-96.	1.8	54
90	Synapsin III deficiency hampers Î±-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.	3.9	53

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91	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, 903-910.	2.0	52
92	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.	1.6	52
93	Dopamine D2 receptor stimulation inhibits inositol phosphate generating system in rat striatal slices. <i>Brain Research</i> , 1988, 456, 235-240.	1.1	49
94	Characterization of Dopamine Receptors Associated with Aldosterone Secretion in Rat Adrenal Glomerulosa*. <i>Endocrinology</i> , 1986, 119, 2227-2232.	1.4	48
95	Characterization of tau proteins in human neuroblastoma SH-SY5Y cell line. <i>Neuroscience Letters</i> , 1997, 235, 149-153.	1.0	48
96	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, 1231-1240.	1.2	48
97	Post-ischemic brain damage: NF- κ B dimer heterogeneity as a molecular determinant of neuron vulnerability. <i>FEBS Journal</i> , 2009, 276, 27-35.	2.2	48
98	Clinical Outcome After Extended Endovascular Recanalization in Buerger's Disease in 20 Consecutive Cases. <i>Annals of Vascular Surgery</i> , 2012, 26, 387-395.	0.4	48
99	Mitochondria and α -Synuclein: Friends or Foes in the Pathogenesis of Parkinson's Disease?. <i>Genes</i> , 2017, 8, 377.	1.0	48
100	Genotype-dependent sensitivity to morphine: dopamine involvement in morphine-induced running in the mouse. <i>Brain Research</i> , 1976, 114, 536-540.	1.1	47
101	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, 477-480.	2.0	47
102	Lewy-body dementia and responsiveness to cholinesterase inhibitors: a paradigm for heterogeneity of Alzheimer's disease?. <i>Trends in Pharmacological Sciences</i> , 1996, 17, 155-160.	4.0	47
103	[3H]haloperidol and [3H]spiroperidol receptor binding after striatal injection of kainic acid. <i>Neuroscience Letters</i> , 1978, 8, 207-210.	1.0	46
104	Dopamine inhibition of neurotensin-induced increase in Ca ²⁺ influx into rat pituitary cells. <i>Brain Research</i> , 1985, 347, 253-257.	1.1	46
105	A MASS FRAGMENTOGRAPHIC ASSAY OF 3-METHOXYTYRAMINE IN RAT BRAIN. <i>Journal of Neurochemistry</i> , 1976, 27, 795-798.	2.1	45
106	Identification and Characterization of Postsynaptic D1- and D2-Dopamine Receptors in the Cardiovascular System. <i>Journal of Cardiovascular Pharmacology</i> , 1988, 11, 643-650.	0.8	45
107	Should we be cautious on the use of commercially available antibodies to dopamine receptors?. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2009, 379, 413-415.	1.4	44
108	Effects of ethanol, given during pregnancy, on the offspring dopaminergic system. <i>Pharmacology Biochemistry and Behavior</i> , 1983, 19, 567-570.	1.3	43

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109	Identification and Characterization of Two Nuclear Factor- κ B Sites in the Regulatory Region of the Dopamine D2 Receptor. <i>Endocrinology</i> , 2007, 148, 2563-2570.	1.4	43
110	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, 765-778.	2.1	43
111	Gene expression profile activated by the chemokine CCL5/RANTES in human neuronal cells. <i>Journal of Neuroscience Research</i> , 2004, 78, 371-382.	1.3	42
112	Brain neurotransmitter systems and chronic lead intoxication. <i>Pharmacological Research Communications</i> , 1980, 12, 447-460.	0.2	41
113	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.	1.1	41
114	Identification of Neurotensin Receptors Associated with Calcium Channels and Prolactin Release in Rat Pituitary. <i>Journal of Neurochemistry</i> , 1986, 47, 1682-1688.	2.1	41
115	Various Ca ²⁺ entry blockers prevent glutamate-induced neurotoxicity. <i>European Journal of Pharmacology</i> , 1991, 209, 169-173.	1.7	41
116	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, 5366-5371.	3.3	40
117	Nerve growth factor controls proliferation and progression of human prolactinoma cell lines through an autocrine mechanism. <i>Molecular Endocrinology</i> , 1996, 10, 272-285.	3.7	40
118	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.	3.7	40
119	1B/($\hat{\wedge}$)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.	1.1	40
120	Dopaminergic and serotonergic anorectics differentially antagonize insulin- and 2-DG-induced hyperphagia. <i>Life Sciences</i> , 1985, 36, 1739-1749.	2.0	39
121	Repeated administration of ($\hat{\wedge}$) 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.	1.7	39
122	Alpha-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.	1.1	39
123	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, 112-120.	1.1	39
124	Synapsin III is a key component of $\hat{\wedge}$ -synuclein fibrils in Lewy bodies of PD brains. <i>Brain Pathology</i> , 2018, 28, 875-888.	2.1	37
125	Effect of chronic lead treatment on brain dopamine synthesis and serum prolactin release in the rat. <i>Toxicology Letters</i> , 1978, 2, 333-337.	0.4	36
126	Blockade of the Tumor Necrosis Factor-Related Apoptosis Inducing Ligand Death Receptor DR5 Prevents $\hat{\wedge}$ 2-Amyloid Neurotoxicity. <i>Neuropsychopharmacology</i> , 2007, 32, 872-880.	2.8	36

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127	The neurobiology of dopamine receptors: evolution from the dual concept to heterodimer complexes. <i>Journal of Receptor and Signal Transduction Research</i> , 2010, 30, 347-354.	1.3	36
128	Stimulation of serotonin synthesis by anesthetic and non-anesthetic doses of gamma-hydroxybutyrate. <i>Pharmacological Research Communications</i> , 1973, 5, 55-69.	0.2	35
129	The "In Situ" Proximity Ligation Assay to Probe Protein-Protein Interactions in Intact Tissues. <i>Methods in Molecular Biology</i> , 2014, 1174, 397-405.	0.4	35
130	LSD and dopamine-sensitive adenylate-cyclase in various rat brain areas. <i>Brain Research</i> , 1975, 93, 164-167.	1.1	34
131	Nerve Growth Factor in Pituitary Development and Pituitary Tumors. <i>Frontiers in Neuroendocrinology</i> , 1998, 19, 128-150.	2.5	34
132	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, 2489-2496.	1.2	34
133	Dose-dependent and reversible effects of lead on rat dopaminergic system. <i>Life Sciences</i> , 1981, 28, 795-799.	2.0	33
134	Nerve growth factor signaling in prostate health and disease. <i>Growth Factors</i> , 2010, 28, 191-201.	0.5	33
135	Ethanol-induced changes of dopaminergic function in three strains of mice characterized by a different population of opiate receptors. <i>Psychopharmacology</i> , 1981, 74, 260-262.	1.5	32
136	Dopamine enhances Met-enkephalin efflux from rat striatal slices. <i>Brain Research</i> , 1984, 293, 364-367.	1.1	32
137	Rivastigmine antagonizes deficits in prepulse inhibition induced by selective immunolesioning of cholinergic neurons in nucleus basalis magnocellularis. <i>Neuroscience</i> , 2002, 114, 91-98.	1.1	32
138	Alpha1 adrenoceptor subtypes in human urinary bladder: Sex and regional comparison. <i>Life Sciences</i> , 2004, 76, 417-427.	2.0	32
139	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, 529-538.	1.4	32
140	Ropinirole and Pramipexole Promote Structural Plasticity in Human iPSC-Derived Dopaminergic Neurons via BDNF and mTOR Signaling. <i>Neural Plasticity</i> , 2018, 2018, 1-15.	1.0	31
141	Serotonin and catecholamine concentrations in brain of rats injected intracerebrally with 5,6-dihydroxytryptamine. <i>Brain Research</i> , 1972, 44, 304-308.	1.1	30
142	Long-term effect of ovariectomy on dopamine-stimulated adenylate cyclase in rat striatum and nucleus accumbens. <i>Psychopharmacology</i> , 1979, 61, 13-16.	1.5	30
143	Acute and chronic ethanol administration on specific 3H-GABA binding in different rat brain areas. <i>Psychopharmacology</i> , 1980, 67, 261-264.	1.5	30
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