Tibor Harkany

List of Publications by Year
in descending order

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168	12,154	34493	35168
papers	citations	54 h-index	102 g-index

173	173	173	18220
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	3Dâ€printed design of a stereotaxic adaptor for the precision targeting of brain structures in infant mice. European Journal of Neuroscience, 2022, 55, 725-732.	1.2	3
2	Disrupted Cacna1c gene expression perturbs spontaneous Ca ²⁺ activity causing abnormal brain development and increased anxiety. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	15
3	Preclinical Establishment of a Divalent Vaccine against SARS-CoV-2. Vaccines, 2022, 10, 516.	2.1	2
4	A hypothalamic pathway for Augmentor Î±â€“controlled body weight regulation. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2200476119.	3.3	8
5	Gestational immune activation disrupts hypothalamic neurocircuits of maternal care behavior. Molecular Psychiatry, 2022, , .	4.1	7
6	Neuronal heterogeneity in the paraventricular nucleus of the hypothalamus as revealed by single-cell RNA-seq. Current Opinion in Endocrine and Metabolic Research, 2022, 25, 100366.	0.6	3
7	Genetic Manipulation of sn-1-Diacylglycerol Lipase and CB₁ Cannabinoid Receptor Gain-of-Function Uncover Neuronal 2-Linoleoyl Glycerol Signaling in Drosophila melanogaster. Cannabis and Cannabinoid Research, 2021, 6, 119-136.	1.5	11
8	Secretagogin marks amygdaloid PKCÎ´ interneurons and modulates NMDA receptor availability. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	5
9	Neuropathology of the Brainstem to Mechanistically Understand and to Treat Alzheimerâ€™s Disease. Journal of Clinical Medicine, 2021, 10, 1555.	1.0	9
10	Functional heterogeneity of POMC neurons relies on mTORC1 signaling. Cell Reports, 2021, 37, 109800.	2.9	19
11	Physiological Rules of Endocannabinoid Action During Fetal and Neonatal Brain Development. Cannabis and Cannabinoid Research, 2021, 6, 381-388.	1.5	4
12	Biological basis of cannabinoid medicines. Science, 2021, 374, 1449-1450.	6.0	10
13	Life-long epigenetic programming of cortical architecture by maternal â€˜Westernâ€™ diet during pregnancy. Molecular Psychiatry, 2020, 25, 22-36.	4.1	28
14	Lifeâ€long impairment of glucose homeostasis upon prenatal exposure to psychostimulants. EMBO Journal, 2020, 39, e100882.	3.5	11
15	HCN Channel Activity Balances Quiescence and Proliferation in Neural Stem Cells and Is a Selective Target for Neuroprotection During Cancer Treatment. Molecular Cancer Research, 2020, 18, 1522-1533.	1.5	6
16	A Neuro-hormonal Circuit for Paternal Behavior Controlled by a Hypothalamic Network Oscillation. Cell, 2020, 182, 960-975.e15.	13.5	43
17	The p(l)ot thickens: cannabinoid receptors on astroglial mitochondria coordinate animal behaviors by regulating lactate availability for neurons. Signal Transduction and Targeted Therapy, 2020, 5, 189.	7.1	1
18	Dental cell type atlas reveals stem and differentiated cell types in mouse and human teeth. Nature Communications, 2020, 11, 4816.	5.8	126

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19	Molecular design of hypothalamus development. Nature, 2020, 582, 246-252.	13.7	105
20	Identification of ALK in Thinness. Cell, 2020, 181, 1246-1262.e22.	13.5	66
21	Adverse effects of Î”9-tetrahydrocannabinol on neuronal bioenergetics during postnatal development. JCI Insight, 2020, 5, .	2.3	12
22	Secretagogin expression in the vertebrate brainstem with focus on the noradrenergic system and implications for Alzheimerâ€™s disease. Brain Structure and Function, 2019, 224, 2061-2078.	1.2	14
23	The Glutamine Transporter Slc38a1 Regulates GABAergic Neurotransmission and Synaptic Plasticity. Cerebral Cortex, 2019, 29, 5166-5179.	1.6	27
24	Unified Classification of Molecular, Network, and Endocrine Features of Hypothalamic Neurons. Annual Review of Neuroscience, 2019, 42, 1-26.	5.0	30
25	Brain-wide genetic mapping identifies the indusium griseum as a prenatal target of pharmacologically unrelated psychostimulants. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 25958-25967.	3.3	12
26	Hypothalamic cell diversity: non-neuronal codes for long-distance volume transmission by neuropeptides. Current Opinion in Neurobiology, 2019, 56, 16-23.	2.0	20
27	GPR55 controls functional differentiation of self-renewing epithelial progenitors for salivation. JCI Insight, 2019, 4, .	2.3	4
28	Lung Single-Cell Signaling Interaction Map Reveals Basophil Role in Macrophage Imprinting. Cell, 2018, 175, 1031-1044.e18.	13.5	332
29	Hypothalamic <scp>CNTF</scp> volume transmission shapes cortical noradrenergic excitability upon acute stress. EMBO Journal, 2018, 37, .	3.5	33
30	Resolution Matters: Correlating Quantitative Proteomics and Nanoscaleâ€Precision Microscopy for Reconstructing Synapse Identity. Proteomics, 2018, 18, e1800139.	1.3	4
31	Diversity matters: combinatorial information coding by GABAA receptor subunits during spatial learning and its allosteric modulation. Cellular Signalling, 2018, 50, 142-159.	1.7	5
32	Novel insights into the spatial and temporal complexity of hypothalamic organization through precision methods allowing nanoscale resolution. Journal of Internal Medicine, 2018, 284, 568-580.	2.7	4
33	Chemical synapses without synaptic vesicles: Purinergic neurotransmission through a CALHM1 channel-mitochondrial signaling complex. Science Signaling, 2018, 11, .	1.6	69
34	Secretagogin protects Pdx1 from proteasomal degradation to control a transcriptional program required for Î² cell specification. Molecular Metabolism, 2018, 14, 108-120.	3.0	19
35	Ca2+-binding protein NECAB2 facilitates inflammatory pain hypersensitivity. Journal of Clinical Investigation, 2018, 128, 3757-3768.	3.9	15
36	Functional Differentiation of Cholecystokinin-Containing Interneurons Destined for the Cerebral Cortex. Cerebral Cortex, 2017, 27, bhw094.	1.6	19

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37	Endogenous GABAA receptor activity suppresses glioma growth. Oncogene, 2017, 36, 777-786.	2.6	60
38	Molecular diversity of corticotropin-releasing hormone mRNA-containing neurons in the hypothalamus. Journal of Endocrinology, 2017, 232, R161-R172.	1.2	34
39	(S)Pot on Mitochondria: Cannabinoids Disrupt Cellular Respiration to Limit Neuronal Activity. Cell Metabolism, 2017, 25, 8-10.	7.2	31
40	Secretagogin-dependent matrix metalloprotease-2 release from neurons regulates neuroblast migration. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E2006-E2015.	3.3	27
41	Induction of functional dopamine neurons from human astrocytes in vitro and mouse astrocytes in a Parkinson's disease model. Nature Biotechnology, 2017, 35, 444-452.	9.4	278
42	Artemisinins Target GABAA Receptor Signaling and Impair Î± Cell Identity. Cell, 2017, 168, 86-100.e15.	13.5	330
43	A <scp>TRPV</scp> 1â€toâ€ssecretagogin regulatory axis controls pancreatic Î²â€cell survival by modulating protein turnover. EMBO Journal, 2017, 36, 2107-2125.	3.5	52
44	miR-183 cluster scales mechanical pain sensitivity by regulating basal and neuropathic pain genes. Science, 2017, 356, 1168-1171.	6.0	124
45	Molecular interrogation of hypothalamic organization reveals distinct dopamine neuronal subtypes. Nature Neuroscience, 2017, 20, 176-188.	7.1	384
46	Selective Silencing of Hippocampal Parvalbumin Interneurons Induces Development of Recurrent Spontaneous Limbic Seizures in Mice. Journal of Neuroscience, 2017, 37, 8166-8179.	1.7	63
47	GABAA receptor subunit deregulation in the hippocampus of human foetuses with Down syndrome. Brain Structure and Function, 2017, 223, 1501-1518.	1.2	8
48	Nonsulfated cholecystokinins in cerebral neurons. Neuropeptides, 2016, 60, 37-44.	0.9	13
49	Orthopedic surgery modulates neuropeptides and BDNF expression at the spinal and hippocampal levels. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E6686-E6695.	3.3	56
50	Oligodendrocyte heterogeneity in the mouse juvenile and adult central nervous system. Science, 2016, 352, 1326-1329.	6.0	817
51	H1N1 influenza virus induces narcolepsy-like sleep disruption and targets sleepâ€"wake regulatory neurons in mice. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E368-77.	3.3	71
52	Comparative anatomical distribution of neuronal calcium-binding protein (NECAB) 1 and -2 in rodent and human spinal cord. Brain Structure and Function, 2016, 221, 3803-3823.	1.2	14
53	Integration of electrophysiological recordings with single-cell RNA-seq data identifies neuronal subtypes. Nature Biotechnology, 2016, 34, 175-183.	9.4	361
54	At the Tip of an Iceberg: Prenatal Marijuana and Its Possible Relation to Neuropsychiatric Outcome in the Offspring. Biological Psychiatry, 2016, 79, e33-e45.	0.7	73

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55	Cannabinoid receptor-interacting protein Crip1a modulates CB1 receptor signaling in mouse hippocampus. Brain Structure and Function, 2016, 221, 2061-2074.	1.2	33
56	Endocannabinoids and fetal organ development: a conflict of misconstrued concepts and policies?. Future Neurology, 2015, 10, 75-78.	0.9	0
57	Protracted brain development in a rodent model of extreme longevity. Scientific Reports, 2015, 5, 11592.	1.6	48
58	Presynaptic adenosine <scp>A_{2A}</scp> receptors dampen cannabinoid <scp>CB₁</scp> receptorâ€mediated inhibition of corticostriatal glutamatergic transmission. British Journal of Pharmacology, 2015, 172, 1074-1086.	2.7	45
59	Critical role of somatostatin receptor 2 in the vulnerability of the central noradrenergic system: new aspects on Alzheimerâ€™s disease. Acta Neuropathologica, 2015, 129, 541-563.	3.9	36
60	Three-dimensional Imaging Reveals New Compartments and Structural Adaptations in Odontoblasts. Journal of Dental Research, 2015, 94, 945-954.	2.5	32
61	Fetal endocannabinoids orchestrate the organization of pancreatic islet microarchitecture. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E6185-94.	3.3	44
62	Replacing SNAP-25b with SNAP-25a expression results in metabolic disease. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E4326-35.	3.3	29
63	Lack of presynaptic interaction between glucocorticoid and CB1 cannabinoid receptors in GABA- and glutamatergic terminals in the frontal cortex of laboratory rodents. Neurochemistry International, 2015, 90, 72-84.	1.9	9
64	A secretagogin locus of the mammalian hypothalamus controls stress hormone release. EMBO Journal, 2015, 34, 36-54.	3.5	75
65	Neuronal calcium-binding proteins 1/2 localize to dorsal root ganglia and excitatory spinal neurons and are regulated by nerve injury. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E1149-58.	3.3	47
66	GABAergic Terminals Are a Source of Galanin to Modulate Cholinergic Neuron Development in the Neonatal Forebrain. Cerebral Cortex, 2014, 24, 3277-3288.	1.6	10
67	Neurotrophin and endocannabinoid interactions in the neurobiology of pain. European Journal of Neuroscience, 2014, 39, 331-333.	1.2	1
68	Miswiring the brain: Â9-tetrahydrocannabinol disrupts cortical development by inducing an SCG10/stathmin-2 degradation pathway. EMBO Journal, 2014, 33, 668-685.	3.5	189
69	The molecular interplay between endocannabinoid and neurotrophin signals in the nervous system and beyond. European Journal of Neuroscience, 2014, 39, 334-343.	1.2	10
70	Revival of Calcium-Binding Proteins for Neuromorphology: Secretagogin Typifies Distinct Cell Populations in the Avian Brain. Brain, Behavior and Evolution, 2014, 83, 82-92.	0.9	13
71	Programming of neural cells by (endo)cannabinoids: from physiological rules to emerging therapies. Nature Reviews Neuroscience, 2014, 15, 786-801.	4.9	235
72	Endocannabinoids modulate cortical development by configuring Slit2/Robo1 signalling. Nature Communications, 2014, 5, 4421.	5.8	70

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73	Neuronal substrates and functional consequences of prenatal cannabis exposure. European Child and Adolescent Psychiatry, 2014, 23, 931-941.	2.8	103
74	S.12.01 Miswiring the brain: delta-9-tetrahydrocannabinol disrupts cortical connectivity by inducing SCG10 degradation. European Neuropsychopharmacology, 2014, 24, S125-S126.	0.3	0
75	The endocannabinoid 2-AG controls skeletal muscle cell differentiation via CB1 receptor-dependent inhibition of K ‹sub›v‹/sub› 7 channels. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E2472-81.	3.3	75
76	Neurochemical mapping of the human hippocampus reveals perisynaptic matrix around functional synapses in Alzheimerâ€™s disease. Acta Neuropathologica, 2013, 125, 215-229.	3.9	76
77	CB1 Cannabinoid Receptors Couple to Focal Adhesion Kinase to Control Insulin Release. Journal of Biological Chemistry, 2013, 288, 32685-32699.	1.6	61
78	Dietary energy substrates reverse early neuronal hyperactivity in a mouse model of Alzheimer's disease. Journal of Neurochemistry, 2013, 125, 157-171.	2.1	79
79	Endocannabinoid signals in the developmental programming of delayed-onset neuropsychiatric and metabolic illnesses. Biochemical Society Transactions, 2013, 41, 1569-1576.	1.6	24
80	Nerve growth factor scales endocannabinoid signaling by regulating monoacylglycerol lipase turnover in developing cholinergic neurons. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 1935-1940.	3.3	41
81	Orexin neurons use endocannabinoids to break obesity-induced inhibition. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 9625-9626.	3.3	8
82	Diacylglycerol lipase Î± manipulation reveals developmental roles for intercellular endocannabinoid signaling. Scientific Reports, 2013, 3, 2093.	1.6	23
83	Targeted Lipidomics in Drosophila melanogaster Identifies Novel 2-Monoacylglycerols and N-acyl Amides. PLoS ONE, 2013, 8, e67865.	1.1	85
84	Cracking Down on Inhibition: Selective Removal of GABAergic Interneurons from Hippocampal Networks. Journal of Neuroscience, 2012, 32, 1989-2001.	1.7	40
85	Clusters of secretagogin-expressing neurons in the aged human olfactory tract lack terminal differentiation. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 6259-6264.	3.3	24
86	[125I]SD-7015 reveals fine modalities of CB1 cannabinoid receptor density in the prefrontal cortex during progression of Alzheimerâ€™s disease. Neurochemistry International, 2012, 60, 286-291.	1.9	36
87	The decrease of dopamine D2/D3 receptor densities in the putamen and nucleus caudatus goes parallel with maintained levels of CB1 cannabinoid receptors in Parkinson's disease: A preliminary autoradiographic study with the selective dopamine D2/D3 antagonist [3H]raclopride and the novel CB1 inverse agonist [125I]SD7015. Brain Research Bulletin, 2012, 87, 504-510.	1.4	20
88	Sticking out of the crowd: the molecular identity and development of cholecystokininâ€containing basket cells. Journal of Physiology, 2012, 590, 703-714.	1.3	13
89	Secretagogin is Expressed in Sensory CGRP Neurons and in Spinal Cord of Mouse and Complements other Calcium-Binding Proteins, with a Note on Rat and Human. Molecular Pain, 2012, 8, 1744-8069-8-80.	1.0	34
90	The renaissance of Ca2+-binding proteins in the nervous system: secretagogin takes center stage. Cellular Signalling, 2012, 24, 378-387.	1.7	59

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91	Molecular model of cannabis sensitivity in developing neuronal circuits. Trends in Pharmacological Sciences, 2011, 32, 551-561.	4.0	85
92	Molecular mechanisms of neuronal specification. European Journal of Neuroscience, 2011, 34, 1513-1515.	1.2	0
93	WNT signaling in activated microglia is proinflammatory. Glia, 2011, 59, 119-131.	2.5	187
94	Molecular reorganization of endocannabinoid signalling in Alzheimerâ€™s disease. Brain, 2011, 134, 1041-1060.	3.7	164
95	HDAC9 links epigenetics to dendrite development (Commentary on Sugo etÂal.). European Journal of Neuroscience, 2010, 31, 1519-1520.	1.2	1
96	Secretagogin is a Ca²⁺â€binding protein identifying prospective extended amygdala neurons in the developing mammalian telencephalon. European Journal of Neuroscience, 2010, 31, 2166-2177.	1.2	34
97	SAT1, a glutamine transporter, is preferentially expressed in GABAergic neurons. Frontiers in Neuroanatomy, 2010, 4, 1.	0.9	171
98	Differential Subcellular Recruitment of Monoacylglycerol Lipase Generates Spatial Specificity of 2-Arachidonoyl Glycerol Signaling during Axonal Pathfinding. Journal of Neuroscience, 2010, 30, 13992-14007.	1.7	94
99	En masse in vitro functional profiling of the axonal mechanosensitivity of sensory neurons. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 16336-16341.	3.3	14
100	Increased Abundance of Opioid Receptor Heteromers After Chronic Morphine Administration. Science Signaling, 2010, 3, ra54.	1.6	191
101	Secretagogin is a Ca ²⁺ -binding protein specifying subpopulations of telencephalic neurons. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 22492-22497.	3.3	69
102	Amyloid Î²-Induced Neuronal Hyperexcitability Triggers Progressive Epilepsy. Journal of Neuroscience, 2009, 29, 3453-3462.	1.7	545
103	Autoantibodies in autoimmune polyglandular syndrome type I patients react with major brain neurotransmitter systems. Journal of Comparative Neurology, 2009, 513, 1-20.	0.9	18
104	Autoantibodies in autoimmune polyglandular syndrome type I patients react with major brain neurotransmitter systems. Journal of Comparative Neurology, 2009, 513, spc1-spc1.	0.9	0
105	Autoantibodies in autoimmune polyglandular syndrome type I patients react with major brain neurotransmitter systems. Journal of Comparative Neurology, 2009, 513, spc1-spc1.	0.9	0
106	Neurobiological consequences of maternal cannabis on human fetal development and its neuropsychiatric outcome. European Archives of Psychiatry and Clinical Neuroscience, 2009, 259, 395-412.	1.8	142
107	GABA action in immature neocortical neurons directly depends on the availability of ketone bodies. Journal of Neurochemistry, 2009, 110, 1330-1338.	2.1	78
108	The synaptic split of SNAP-25: Different roles in glutamatergic and GABAergic neurons?. Neuroscience, 2009, 158, 223-230.	1.1	33

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109	Wiring and firing neuronal networks: endocannabinoids take center stage. Current Opinion in Neurobiology, 2008, 18, 338-345.	2.0	98
110	CB1 Cannabinoid Receptors: Molecular Biology, Second Messenger Coupling and Polarized Trafficking in Neurons. , 2008, , 59-73.		6
111	Endocannabinoid functions controlling neuronal specification during brain development. Molecular and Cellular Endocrinology, 2008, 286, S84-S90.	1.6	149
112	Calpain activity contributes to the control of SNAP-25 levels in neurons. Molecular and Cellular Neurosciences, 2008, 39, 314-323.	1.0	18
113	Unique Luminal Localization of VGAT-C Terminus Allows for Selective Labeling of Active Cortical GABAergic Synapses. Journal of Neuroscience, 2008, 28, 13125-13131.	1.7	87
114	Endocannabinoid signaling controls pyramidal cell specification and long-range axon patterning. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 8760-8765.	3.3	263
115	Endocannabinoid Functions in Neurogenesis, Neuronal Migration, and Specification. , 2008, , 237-256.		0
116	The emerging functions of endocannabinoid signaling during CNS development. Trends in Pharmacological Sciences, 2007, 28, 83-92.	4.0	357
117	Hardwiring the Brain: Endocannabinoids Shape Neuronal Connectivity. Science, 2007, 316, 1212-1216.	6.0	463
118	Thioflavins released from nanoparticles target fibrillar amyloid Î² in the hippocampus of APP/PS1 transgenic mice. International Journal of Developmental Neuroscience, 2006, 24, 195-201.	0.7	54
119	Vesicular glutamate transporter 3 (VGLUT3) identifies spatially segregated excitatory terminals in the rat substantia nigra. European Journal of Neuroscience, 2006, 23, 1063-1070.	1.2	17
120	Non-fibrillar Î²-amyloid abates spike-timing-dependent synaptic potentiation at excitatory synapses in layer 2/3 of the neocortex by targeting postsynaptic AMPA receptors. European Journal of Neuroscience, 2006, 23, 2035-2047.	1.2	76
121	Brain-derived neurotrophic factor selectively regulates dendritogenesis of parvalbumin-containing interneurons in the main olfactory bulb through the PLCÎ³ pathway. Journal of Neurobiology, 2006, 66, 1437-1451.	3.7	44
122	Dendritic Release of Retrograde Messengers Controls Synaptic Transmission in Local Neocortical Networks. Neuroscientist, 2005, 11, 334-344.	2.6	32
123	Endocannabinoids regulate interneuron migration and morphogenesis by transactivating the TrkB receptor. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 19115-19120.	3.3	251
124	Galantamine-induced behavioral recovery after sublethal excitotoxic lesions to the rat medial septum. Behavioural Brain Research, 2005, 163, 33-41.	1.2	20
125	Redistribution of CB1 cannabinoid receptors during evolution of cholinergic basal forebrain territories and their cortical projection areas: A comparison between the gray mouse lemur (Microcebus murinus, primates) and rat. Neuroscience, 2005, 135, 595-609.	1.1	24
126	Endocannabinoid-Independent Retrograde Signaling at Inhibitory Synapses in Layer 2/3 of Neocortex: Involvement of Vesicular Glutamate Transporter 3. Journal of Neuroscience, 2004, 24, 4978-4988.	1.7	90

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127	Brain-derived neurotrophic factor controls functional differentiation and microcircuit formation of selectively isolated fast-spiking GABAergic interneurons. European Journal of Neuroscience, 2004, 20, 1290-1306.	1.2	88
128	Region-specific generation of functional neurons from naive embryonic stem cells in adult brain. Journal of Neurochemistry, 2004, 88, 1229-1239.	2.1	41
129	Neonatal handling increases sensitivity to acute neurodegeneration in adult rats. Journal of Neurobiology, 2004, 60, 463-472.	3.7	12
130	Turning the heterogeneous into homogeneous: studies on selectively isolated GABAergic interneuron subsets. International Journal of Developmental Neuroscience, 2004, 22, 533-543.	0.7	20
131	Rabbit forebrain cholinergic system: Morphological characterization of nuclei and distribution of cholinergic terminals in the cerebral cortex and hippocampus. Journal of Comparative Neurology, 2003, 460, 597-611.	0.9	28
132	Complementary distribution of vesicular glutamate transporters 1 and 2 in the nucleus accumbens of rat: Relationship to calretinin-containing extrinsic innervation and calbindin-immunoreactive neurons. Journal of Comparative Neurology, 2003, 465, 1-10.	0.9	43
133	Effect of Corticosterone and Adrenalectomy on NMDA-Induced Cholinergic Cell Death in Rat Magnocellular Nucleus Basalis. Journal of Neuroendocrinology, 2003, 9, 713-720.	1.2	18
134	Complementary distribution of type 1 cannabinoid receptors and vesicular glutamate transporter 3 in basal forebrain suggests input-specific retrograde signalling by cholinergic neurons. European Journal of Neuroscience, 2003, 18, 1979-1992.	1.2	69
135	Neurotrophin-4 mediated TrkB activation reinforces morphine-induced analgesia. Nature Neuroscience, 2003, 6, 221-222.	7.1	18
136	Electron microscopic analysis of nanoparticles delivering thioflavin-T after intrahippocampal injection in mouse: implications for targeting Î²-amyloid in Alzheimer's disease. Neuroscience Letters, 2003, 338, 174-176.	1.0	51
137	Inhibition of neuronal nitric oxide synthase-mediated activation of poly(ADP-ribose) polymerase in traumatic brain injury: neuroprotection by 3-aminobenzamide. Neuroscience, 2003, 121, 983-990.	1.1	31
138	Post-lesion administration of 5-HT1A receptor agonist 8-OH-DPAT protects cholinergic nucleus basalis neurons against NMDA excitotoxicity. NeuroReport, 2003, 14, 57-60.	0.6	17
139	Reversible Paired Helical Filament-Like Phosphorylation of Tau Is an Adaptive Process Associated with Neuronal Plasticity in Hibernating Animals. Journal of Neuroscience, 2003, 23, 6972-6981.	1.7	313
140	Pyramidal cell communication within local networks in layer 2/3 of rat neocortex. Journal of Physiology, 2003, 551, 139-153.	1.3	508
141	Functional Recovery of Cholinergic Basal Forebrain Neurons under Disease Conditions: Old Problems, New Solutions?. Reviews in the Neurosciences, 2002, 13, 95-165.	1.4	45
142	Distinct subsets of nucleus basalis neurons exhibit similar sensitivity to excitotoxicity. NeuroReport, 2002, 13, 767-772.	0.6	11
143	In vivo labeling of rabbit cholinergic basal forebrain neurons with fluorochromated antibodies. NeuroReport, 2002, 13, 1395-1398.	0.6	7
144	17Î²-Estradiol enhances cortical cholinergic innervation and preserves synaptic density following excitotoxic lesions to the rat nucleus basalis magnocellularis. Neuroscience, 2002, 110, 489-504.	1.1	36

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145	Cutaneous lymphatic amyloid deposits in 'Hungarian-type' familial transthyretin amyloidosis: a case report. British Journal of Dermatology, 2002, 146, 674-679.	1.4	14
146	Pathological Peptide Folding in Alzheimers Disease and Other Conformational Disorders. Current Medicinal Chemistry, 2002, 9, 1763-1780.	1.2	27
147	Î²-Amyloid(1-42)-Induced Cholinergic Lesions in Rat Nucleus Basalis Bidirectionally Modulate Serotonergic Innervation of the Basal Forebrain and Cerebral Cortex. Neurobiology of Disease, 2001, 8, 667-678.	2.1	39
148	Short-term consequences of N-methyl-D-aspartate excitotoxicity in rat magnocellular nucleus basalis: effects on in vivo labelling of cholinergic neurons. Neuroscience, 2001, 108, 611-627.	1.1	22
149	Oral post-lesion administration of 5-HT1A receptor agonist repinotan hydrochloride (BAY x 3702) attenuates NMDA-induced delayed neuronal death in rat magnocellular nucleus basalis. Neuroscience, 2001, 108, 629-642.	1.1	44
150	Cortical cholinergic decline parallels the progression of Borna virus encephalitis. NeuroReport, 2001, 12, 3767-3772.	0.6	18
151	Chronic Corticosterone Administration Dose-Dependently Modulates AÎ²(1-42)â^' and NMDA-Induced Neurodegeneration in Rat Magnocellular Nucleus Basalis. Journal of Neuroendocrinology, 2001, 12, 486-494.	1.2	70
152	Action of Glucocorticoids on Survival of Nerve Cells: Promoting Neurodegeneration or Neuroprotection?1. Journal of Neuroendocrinology, 2001, 13, 749-760.	1.2	112
153	Î²-Amyloid neurotoxicity is mediated by a glutamate-triggered excitotoxic cascade in rat nucleus basalis. European Journal of Neuroscience, 2000, 12, 2735-2745.	1.2	245
154	beta-Amyloid Excitotoxicity in Rat Magnocellular Nucleus Basalis: Effect of Cortical Deafferentation on Cerebral Blood Flow Regulation and Implications for Alzheimer's Disease. Annals of the New York Academy of Sciences, 2000, 903, 374-386.	1.8	44
155	A novel brain trauma model in the mouse: effects of dexamethasone treatment. Pflugers Archiv European Journal of Physiology, 2000, 441, 409-415.	1.3	16
156	Mechanisms of ÃŸ-Amyloid Neurotoxicity: Perspectives of Pharmacotherapy. Reviews in the Neurosciences, 2000, 11, 329-82.	1.4	107
157	Increased amyloid precursor protein expression and serotonergic sprouting following excitotoxic lesion of the rat magnocellular nucleus basalis: neuroprotection by Ca2+ antagonist nimodipine. Neuroscience, 2000, 101, 101-114.	1.1	54
158	Neuroprotective approaches in experimental models of Î²-Amyloid neurotoxicity: Relevance to Alzheimer's disease. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 1999, 23, 963-1008.	2.5	89
159	N-Methyl-d-Aspartate Receptor Antagonist MK-801 and Radical Scavengers Protect Cholinergic Nucleus Basalis Neurons against Î²-Amyloid Neurotoxicity. Neurobiology of Disease, 1999, 6, 109-121.	2.1	68
160	Propionyl-IIGL tetrapeptide antagonizes Î²-amyloid excitotoxicity in rat nucleus basalis. NeuroReport, 1999, 10, 1693-1698.	0.6	22
161	Î²-Amyloid(Phe(SO3H)24)25â€“35 in rat nucleus basalis induces behavioral dysfunctions, impairs learning and memory and disrupts cortical cholinergic innervation. Behavioural Brain Research, 1998, 90, 133-145.	1.2	101
162	Î²-Amyloid-Induced Cholinergic Denervation Correlates with Enhanced Nitric Oxide Synthase Activity in Rat Cerebral Cortex: Reversal by NMDA Receptor Blockade. Brain Research Bulletin, 1998, 45, 405-411.	1.4	49

#	Article	IF	Citations
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168	Î²-Amyloid(1â€“42) affects cholinergic but not parvalbumin-containing neurons in the septal complex of the rat. Brain Research, 1995, 698, 270-274.	1.1	62