

Hiroshi Kiyama

List of Publications by Year in descending order

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295
papers

13,786
citations

23544

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101
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docs citations

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times ranked

13397
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#	ARTICLE	IF	CITATIONS
1	mTOR Is Essential for Growth and Proliferation in Early Mouse Embryos and Embryonic Stem Cells. <i>Molecular and Cellular Biology</i> , 2004, 24, 6710-6718.	1.1	562
2	Dual microglia effects on blood brain barrier permeability induced by systemic inflammation. <i>Nature Communications</i> , 2019, 10, 5816.	5.8	492
3	Coexistence of calcitonin gene-related peptide and substance P-like peptide in single cells of the trigeminal ganglion of the rat: immunohistochemical analysis. <i>Brain Research</i> , 1985, 330, 194-196.	1.1	369
4	Pael receptor induces death of dopaminergic neurons in the substantia nigra via endoplasmic reticulum stress and dopamine toxicity, which is enhanced under condition of parkin inactivation. <i>Human Molecular Genetics</i> , 2007, 16, 50-60.	1.4	339
5	Ubiquitin carboxy-terminal hydrolase L1 binds to and stabilizes monoubiquitin in neuron. <i>Human Molecular Genetics</i> , 2003, 12, 1945-1958.	1.4	328
6	The differential expression patterns of messenger RNAs encoding non-N-methyl-d-aspartate glutamate receptor subunits (GluR1 α) in the rat brain. <i>Neuroscience</i> , 1993, 52, 515-539.	1.1	302
7	Accelerated Nerve Regeneration in Mice by upregulated expression of interleukin (IL) 6 and IL-6 receptor after trauma.. <i>Journal of Experimental Medicine</i> , 1996, 183, 2627-2634.	4.2	300
8	Nepriylsin Degrades Both Amyloid β Peptides β 40 and β 42 Most Rapidly and Efficiently among Thiorphan- and Phosphoramidon-sensitive Endopeptidases. <i>Journal of Biological Chemistry</i> , 2001, 276, 21895-21901.	1.6	282
9	Expression of the Activating Transcription Factor 3 Prevents c-Jun N-Terminal Kinase-Induced Neuronal Death by Promoting Heat Shock Protein 27 Expression and Akt Activation. <i>Journal of Neuroscience</i> , 2003, 23, 5187-5196.	1.7	241
10	Akt/Protein Kinase B Prevents Injury-Induced Motoneuron Death and Accelerates Axonal Regeneration. <i>Journal of Neuroscience</i> , 2000, 20, 2875-2886.	1.7	228
11	A Novel ATP-dependent Inward Rectifier Potassium Channel Expressed Predominantly in Glial Cells. <i>Journal of Biological Chemistry</i> , 1995, 270, 16339-16346.	1.6	225
12	Akt Activation Protects Hippocampal Neurons from Apoptosis by Inhibiting Transcriptional Activity of p53. <i>Journal of Biological Chemistry</i> , 2001, 276, 5256-5264.	1.6	218
13	AMPA, KA and NMDA receptors are expressed in the rat DRG neurones. <i>NeuroReport</i> , 1993, 4, 1263-1265.	0.6	205
14	Distribution of the substance P receptor (NK-1 receptor) in the central nervous system. <i>Molecular Brain Research</i> , 1993, 18, 43-58.	2.5	195
15	Expression and activity-dependent changes of a novel limbic-serine protease gene in the hippocampus. <i>Journal of Neuroscience</i> , 1995, 15, 5088-5097.	1.7	194
16	Microglial TREM2/DAP12 Signaling: A Double-Edged Sword in Neural Diseases. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 206.	1.8	186
17	Mitochondria-associated membrane collapse is a common pathomechanism in α -synuclein and SOD1-linked ALS. <i>EMBO Molecular Medicine</i> , 2016, 8, 1421-1437.	3.3	182
18	Region-specific expression of subunits of ionotropic glutamate receptors (AMPA-type, KA-type and NMDA-type) in the rat brain. <i>Brain Research</i> , 1993, 18, 141-151.	2.5	180

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19	A noxious stimulus induces the preprotachykinin-A gene expression in the rat dorsal root ganglion: a quantitative study using in situ hybridization histochemistry. <i>Molecular Brain Research</i> , 1988, 4, 31-35.	2.5	179
20	Localization of two calcium binding proteins, calbindin (28 kD) and parvalbumin (12 kD), in the vertebrate retina. <i>Journal of Comparative Neurology</i> , 1990, 302, 417-424.	0.9	139
21	Siglec ^H is a microglia-specific marker that discriminates microglia from CNS-associated macrophages and CNS-infiltrating monocytes. <i>Glia</i> , 2017, 65, 1927-1943.	2.5	123
22	Damage-induced neuronal endopeptidase (DINE) is a unique metallopeptidase expressed in response to neuronal damage and activates superoxide scavengers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 4345-4350.	3.3	114
23	Distribution of somatostatin mRNA in the rat nervous system as visualized by a novel non-radioactive in situ hybridization histochemistry procedure. <i>Neuroscience</i> , 1990, 38, 223-244.	1.1	112
24	Astrocytic phagocytosis is a compensatory mechanism for microglial dysfunction. <i>EMBO Journal</i> , 2020, 39, e104464.	3.5	105
25	c-fos may code for a common transcription factor within the hypothalamic neural circuits involved in osmoregulation. <i>Brain Research</i> , 1992, 572, 42-51.	1.1	104
26	Calbindin D28K as a marker for the degeneration of the striatonigral pathway in Huntington's disease. <i>Brain Research</i> , 1990, 525, 209-214.	1.1	103
27	TREM2/DAP12 Signal Elicits Proinflammatory Response in Microglia and Exacerbates Neuropathic Pain. <i>Journal of Neuroscience</i> , 2016, 36, 11138-11150.	1.7	101
28	Glutamate-like immunoreactive structures in primary sensory neurons in the rat detected by a specific antiserum against glutamate. <i>Experimental Brain Research</i> , 1987, 65, 691-4.	0.7	98
29	Nerve injury enhances rat neuronal glutamate transporter expression: identification by differential display PCR. <i>Journal of Neuroscience</i> , 1995, 15, 7872-7878.	1.7	96
30	Ontogeny of cholecystokinin-8-containing neuron system of the rat: An immunohistochemical analysis. I. Forebrain and upper brainstem. <i>Journal of Comparative Neurology</i> , 1983, 218, 25-41.	0.9	95
31	Role of the flocculus in the development of vestibular compensation: Immunohistochemical studies with retrograde tracing and flocculectomy using Fos expression as a marker in the rat brainstem. <i>Neuroscience</i> , 1997, 76, 571-580.	1.1	92
32	Evidence for the Co-Expression of Oxytocin and Vasopressin Messenger Ribonucleic Acids in Magnocellular Neurosecretory Cells: Simultaneous Demonstration of Two Neurohypophysin Messenger Ribonucleic Acids by Hybridization Histochemistry. <i>Journal of Neuroendocrinology</i> , 1990, 2, 257-259.	1.2	89
33	Regional distribution of cells expressing glycine receptor $\hat{1}\pm 2$ subunit mRNA in the rat brain. <i>Brain Research</i> , 1992, 590, 95-108.	1.1	89
34	Immunocytochemical localization of $\hat{1}\pm 2$ -adrenergic receptors in the rat brain. <i>Brain Research</i> , 1989, 485, 125-140.	1.1	88
35	G-Protein-Coupled Receptor Screen Reveals a Role for Chemokine Receptor CCR5 in Suppressing Microglial Neurotoxicity. <i>Journal of Neuroscience</i> , 2008, 28, 11980-11988.	1.7	87
36	Cell Type-Specific Intervention of Transforming Growth Factor $\hat{1}\pm 2$ /Smad Signaling Suppresses Collagen Gene Expression and Hepatic Fibrosis in Mice. <i>Gastroenterology</i> , 2005, 129, 259-268.	0.6	85

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37	Differential Induction of Antimicrobial REGIII by the Intestinal Microbiota and Bifidobacterium breve NCC2950. Applied and Environmental Microbiology, 2013, 79, 7745-7754.	1.4	84
38	Starvation Compromises Paneth Cells. American Journal of Pathology, 2011, 179, 2885-2893.	1.9	82
39	Collapsin response mediator protein-2 accelerates axon regeneration of nerve-injured motor neurons of rat. Journal of Neurochemistry, 2003, 86, 1042-1050.	2.1	76
40	Critical Role for DP5/Harakiri, a Bcl-2 Homology Domain 3-Only Bcl-2 Family Member, in Axotomy-Induced Neuronal Cell Death. Journal of Neuroscience, 2004, 24, 3721-3725.	1.7	76
41	Transient adenoviral gene transfer of Smad7 prevents injury-induced epithelial-to-mesenchymal transition of lens epithelium in mice. Laboratory Investigation, 2004, 84, 1259-1270.	1.7	75
42	Noxa Is a Critical Mediator of p53-Dependent Motor Neuron Death after Nerve Injury in Adult Mouse. Journal of Neuroscience, 2005, 25, 1442-1447.	1.7	74
43	Neuronal Injury-inducible Gene Is Synergistically Regulated by ATF3, c-Jun, and STAT3 through the Interaction with Sp1 in Damaged Neurons. Journal of Biological Chemistry, 2008, 283, 6988-6996.	1.6	74
44	Electrical activation and c-fos mRNA expression in rat neurosecretory neurones after systemic administration of cholecystokinin. Journal of Physiology, 1991, 444, 51-63.	1.3	73
45	Effects of MK801 on Fos expression in the rat brainstem after unilateral labyrinthectomy. Brain Research, 1995, 700, 182-190.	1.1	72
46	Preproenkephalin gene expression in the rat spinal cord after noxious stimuli. Molecular Brain Research, 1989, 5, 227-234.	2.5	71
47	Expression and Translocation of Aquaporin-4 in the Endolymphatic Sac in Patients with Meniere's Disease. Journal of Neuroendocrinology, 2010, 22, 1157-1164.	1.2	71
48	Endothelin-converting enzymes and endothelin receptor B messenger RNAs are expressed in different neural cell species and these messenger RNAs are coordinately induced in neurons and astrocytes respectively following nerve injury. Neuroscience, 2000, 101, 441-449.	1.1	70
49	The GABAA receptor β 1 subunit is expressed by distinct neuronal populations. Molecular Brain Research, 1992, 15, 121-132.	2.5	69
50	Meniere's Attacks Occur in the Inner Ear with Excessive Vasopressin Type-2 Receptors. Journal of Neuroendocrinology, 2008, 20, 1295-1300.	1.2	68
51	Nerve injury-activated microglia engulf myelinated axons in a P2Y ₁₂ signaling-dependent manner in the dorsal horn. Glia, 2010, 58, 1838-1846.	2.5	68
52	Requirement of Ras for the Activation of Mitogen-Activated Protein Kinase by Calcium Influx, cAMP, and Neurotrophin in Hippocampal Neurons. Journal of Neuroscience, 2001, 21, 6459-6466.	1.7	67
53	Comparison of mice deficient in the high- or low-affinity neurotensin receptors, Ntsr1 or Ntsr2, reveals a novel function for Ntsr2 in thermal nociception. Brain Research, 2004, 998, 122-129.	1.1	67
54	Characteristic Localization of gpl30 (the Signal-transducing Receptor Component Used in Common) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.2	66

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55	The Small GTP-Binding Protein TC10 Promotes Nerve Elongation in Neuronal Cells, and Its Expression Is induced during Nerve Regeneration in Rats. <i>Journal of Neuroscience</i> , 2000, 20, 4138-4144.	1.7	64
56	Constitutive nitric oxide synthase is associated with retinal vascular permeability in early diabetic rats. <i>Diabetologia</i> , 2001, 44, 1043-1050.	2.9	64
57	GTP Hydrolysis by the Rho Family GTPase TC10 Promotes Exocytic Vesicle Fusion. <i>Developmental Cell</i> , 2006, 11, 411-421.	3.1	62
58	Differential expression of Notch1 and Notch2 in developing and adult mouse brain. <i>Molecular Brain Research</i> , 1995, 29, 263-272.	2.5	61
59	Distribution of GAP-43 (B50/F1) mRNA in the adult rat brain by in situ hybridization using an alkaline phosphatase labeled probe. <i>Molecular Brain Research</i> , 1993, 18, 1-16.	2.5	60
60	Colchicine-induced expression of proneurotensin mRNA in rat striatum and hypothalamus. <i>Molecular Brain Research</i> , 1991, 9, 353-358.	2.5	58
61	Distribution of the α -conotoxin receptor in rat brain. An autoradiographic mapping. <i>Neuroscience</i> , 1989, 32, 405-416.	1.1	57
62	Differential expression of oxytocin receptor mRNA in the developing rat brain. <i>Neuroscience Research</i> , 1996, 24, 291-304.	1.0	56
63	Immunohistochemical localization of chick retinal 24 kdalton protein (visinin) in various vertebrate retinae. <i>Brain Research</i> , 1985, 331, 209-215.	1.1	55
64	Pancreatitis-Associated Protein-III Is a Novel Macrophage Chemoattractant Implicated in Nerve Regeneration. <i>Journal of Neuroscience</i> , 2006, 26, 7460-7467.	1.7	55
65	Peripheral and spinal mechanisms of nociception in a rat reserpine-induced pain model. <i>Pain</i> , 2015, 156, 415-427.	2.0	55
66	A novel mammalian T-box-containing gene, Tbr2, expressed in mouse developing brain. <i>Developmental Brain Research</i> , 1999, 115, 183-193.	2.1	54
67	A Chronic fatigue syndrome model demonstrates mechanical allodynia and muscular hyperalgesia via spinal microglial activation. <i>Glia</i> , 2014, 62, 1407-1417.	2.5	53
68	Localization of GABAA-receptor β 2-subunit mRNA-containing neurons in the rat central nervous system. <i>Neuroscience</i> , 1992, 47, 45-61.	1.1	52
69	Nociception originating from the crural fascia in rats. <i>Pain</i> , 2013, 154, 1103-1114.	2.0	51
70	Neurotensin immunoreactivity in the human cingulate gyrus, hippocampal subiculum and mammillary bodies. Its potential role in memory processing. <i>Brain Research</i> , 1986, 375, 351-356.	1.1	50
71	Expression of Reg/PAP family members during motor nerve regeneration in rat. <i>Biochemical and Biophysical Research Communications</i> , 2005, 332, 126-134.	1.0	50
72	Sensitive non-radioisotopic in situ hybridization histochemistry: demonstration of tyrosine hydroxylase gene expression in rat brain and adrenal. <i>Molecular Brain Research</i> , 1990, 7, 213-219.	2.5	49

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73	Selective Upregulation of Cytokine Receptor Subchain and Their Intracellular Signalling Molecules After Peripheral Nerve Injury. <i>European Journal of Neuroscience</i> , 1997, 9, 1047-1054.	1.2	49
74	Vlgr1 is required for proper stereocilia maturation of cochlear hair cells. <i>Genes To Cells</i> , 2007, 12, 235-250.	0.5	49
75	A new method for producing a specific and high titre antibody against glutamate using colloidal gold as a carrier. <i>Brain Research</i> , 1986, 382, 399-403.	1.1	48
76	Different postnatal development of cells expressing mRNA encoding neurotensin receptor. <i>Neuroscience</i> , 1992, 48, 137-149.	1.1	48
77	Three dimensional analysis of retinal neuropeptides and amine in the chick. <i>Brain Research Bulletin</i> , 1985, 15, 155-165.	1.4	46
78	p53-Independent Cyclin G Expression in a Group of Mature Neurons and Its Enhanced Expression during Nerve Regeneration. <i>Journal of Neuroscience</i> , 1996, 16, 5961-5966.	1.7	46
79	Unique anti-apoptotic activity of EAAC1 in injured motor neurons. <i>EMBO Journal</i> , 2006, 25, 3411-3421.	3.5	46
80	Ontogeny of cholecystokinin-8 containing neuron system of the rat: An immunohistochemical analysis. <i>Neuroscience</i> , 1983, 10, 1341-1359.	1.1	44
81	GABAA Receptor subunit messenger RNAs show differential expression during cortical development in the rat brain. <i>Neuroscience</i> , 1992, 51, 583-591.	1.1	44
82	Nerve Growth Factor Protects Oligodendrocytes from Tumor Necrosis Factor- α -induced Injury through Akt-mediated Signaling Mechanisms. <i>Journal of Biological Chemistry</i> , 2000, 275, 16360-16365.	1.6	44
83	So-called interplexiform cells immunoreactive to tyrosine hydroxylase or somatostatin in rat retina. <i>Brain Research</i> , 1985, 346, 136-140.	1.1	43
84	Characteristic localization of non-NMDA type glutamate receptor subunits in the rat pituitary gland. <i>Molecular Brain Research</i> , 1993, 19, 262-268.	2.5	43
85	Enhanced expression of 14-3-3 family members in injured motoneurons. <i>Molecular Brain Research</i> , 1998, 55, 315-320.	2.5	43
86	Brain-derived neurotrophic factor rescues neuronal death induced by methamphetamine. <i>Biological Psychiatry</i> , 2004, 55, 52-60.	0.7	43
87	Mitochondrial fission is an acute and adaptive response in injured motor neurons. <i>Scientific Reports</i> , 2016, 6, 28331.	1.6	43
88	Activated cAMP-response Element-binding Protein Regulates Neuronal Expression of Presenilin-1. <i>Journal of Biological Chemistry</i> , 2001, 276, 9688-9698.	1.6	42
89	Recent progress in the use of the technique of non-radioactive in situ hybridization histochemistry: new tools for molecular neurobiology. <i>Neuroscience Research</i> , 1990, 9, 1-21.	1.0	40
90	Regulation of mRNA expression involved in Ras and PKA signal pathways during rat hypoglossal nerve regeneration. <i>Molecular Brain Research</i> , 1995, 29, 147-156.	2.5	40

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91	Expression patterns of a glutamate-binding protein in the rat central nervous system: Comparison with N-methyl-D-aspartate receptor subunit 1 in rat. <i>Neuroscience</i> , 1995, 64, 459-475.	1.1	40
92	Biphasic expression of activating transcription factor-3 in neurons after cerebral infarction. <i>Molecular Brain Research</i> , 2003, 115, 147-156.	2.5	40
93	Mutant Loricrin is Not Crosslinked into the Cornified Cell Envelope but is Translocated into the Nucleus in Loricrin Keratoderma. <i>Journal of Investigative Dermatology</i> , 2000, 115, 1088-1094.	0.3	39
94	Induced expressions of Rab24 GTPase and LC3 in nerve-injured motor neurons. <i>Biochemical and Biophysical Research Communications</i> , 2005, 337, 1206-1213.	1.0	39
95	Annexin III implicated in the microglial response to motor nerve injury. <i>Glia</i> , 2006, 53, 723-732.	2.5	39
96	Damage-Induced Neuronal Endopeptidase Is Critical for Presynaptic Formation of Neuromuscular Junctions. <i>Journal of Neuroscience</i> , 2010, 30, 6954-6962.	1.7	39
97	Differential effects of acute dopaminergic D1 and D2 receptor antagonists on proneurotensin mRNA expression in rat striatum. <i>Molecular Brain Research</i> , 1991, 9, 341-346.	2.5	38
98	The nuclear events guiding successful nerve regeneration. <i>Frontiers in Molecular Neuroscience</i> , 2011, 4, 53.	1.4	38
99	Autoradiographic visualization in rat brain of receptors for 125 I-conotoxin GVIA, a newly discovered calcium antagonist. <i>Brain Research</i> , 1988, 451, 386-389.	1.1	37
100	An in situ hybridization histochemistry method for the use of alkaline phosphatase-labeled oligonucleotide probes in small intestine. <i>Journal of Histochemistry and Cytochemistry</i> , 1991, 39, 1377-1384.	1.3	37
101	Changes in nitric oxide synthase-like immunoreactivities in unipolar brush cells in the rat cerebellar flocculus after unilateral labyrinthectomy. <i>Brain Research</i> , 1997, 765, 1-6.	1.1	37
102	Dopaminergic D1 and D2 receptor antagonists decrease prosomatostatin mRNA expression in rat striatum. <i>Neuroscience</i> , 1991, 44, 35-44.	1.1	36
103	Mitochondrial behavior during axon regeneration/degeneration in vivo. <i>Neuroscience Research</i> , 2019, 139, 42-47.	1.0	36
104	Transgenic mouse overexpressing the Akt reduced the volume of infarct area after middle cerebral artery occlusion. <i>Neuroscience Letters</i> , 2004, 359, 159-162.	1.0	35
105	Down-Regulation of KCC2 Expression and Phosphorylation in Motoneurons, and Increases the Number of Primary Afferent Projections to Motoneurons in Mice with Post-Stroke Spasticity. <i>PLoS ONE</i> , 2014, 9, e114328.	1.1	35
106	A DAP12-dependent signal promotes pro-inflammatory polarization in microglia following nerve injury and exacerbates degeneration of injured neurons. <i>Glia</i> , 2015, 63, 1073-1082.	2.5	35
107	GPR34 in spinal microglia exacerbates neuropathic pain in mice. <i>Journal of Neuroinflammation</i> , 2019, 16, 82.	3.1	35
108	An immunohistochemical study on the river lamprey retina. <i>Brain Research</i> , 1986, 362, 389-393.	1.1	34

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109	Expressed-sequence-tag approach to identify differentially expressed genes following peripheral nerve axotomy. <i>Molecular Brain Research</i> , 1999, 64, 34-40.	2.5	34
110	Effects of Nutritional Supplementation on Fatigue, and Autonomic and Immune Dysfunction in Patients with End-Stage Renal Disease: A Randomized, Double-Blind, Placebo-Controlled, Multicenter Trial. <i>PLoS ONE</i> , 2015, 10, e0119578.	1.1	34
111	Distribution of Tyrosine Hydroxylase mRNA in the Rat Central Nervous System Visualized by Alkaline Phosphatase in situ Hybridization Histochemistry. <i>European Journal of Neuroscience</i> , 1990, 2, 512-524.	1.2	33
112	Expression of glutamate (AMPA type) and \hat{I}^3 -aminobutyric acid (GABA) _A receptors in the rat caudal trigeminal spinal nucleus. <i>Neuroscience Letters</i> , 1995, 186, 169-172.	1.0	33
113	A disintegrin and metalloprotease with thrombospondin type1 motifs (ADAMTS-1) and IL-1 receptor type 1 mRNAs are simultaneously induced in nerve injured motor neurons. <i>Molecular Brain Research</i> , 2001, 89, 158-163.	2.5	33
114	Occurrence of calcitonin gene-related peptide in the chicken amacrine cells. <i>Brain Research</i> , 1985, 327, 367-369.	1.1	32
115	Damage-Induced Neuronal Endopeptidase (DINE/ECEL) Expression Is Regulated by Leukemia Inhibitory Factor and Deprivation of Nerve Growth Factor in Rat Sensory Ganglia after Nerve Injury. <i>Journal of Neuroscience</i> , 2002, 22, 9410-9418.	1.7	32
116	Altered expression of neprilysin family members in the pituitary gland of sleep-disturbed rats, an animal model of severe fatigue. <i>Journal of Neurochemistry</i> , 2005, 95, 1156-1166.	2.1	32
117	Chronic stress elicits prolonged activation of \hat{I}^1 -MSH secretion and subsequent degeneration of melanotroph. <i>Journal of Neurochemistry</i> , 2009, 109, 1389-1399.	2.1	32
118	microRNA-124 is down regulated in nerve-injured motor neurons and it potentially targets mRNAs for KLF6 and STAT3. <i>Neuroscience</i> , 2014, 256, 426-432.	1.1	32
119	Ontogeny of [3H]neurotensin binding sites in the rat cerebral cortex: Autoradiographic study. <i>Developmental Brain Research</i> , 1987, 31, 303-306.	2.1	31
120	Co-expression of cholecystokinin mRNA and tyrosine hydroxylase mRNA in populations of rat substantia nigra cells; a study using a combined radioactive and non-radioactive in situ hybridization procedure. <i>Molecular Brain Research</i> , 1991, 9, 87-93.	2.5	31
121	Up-regulation of ERK (MAP kinase) and MEK (MAP kinase kinase) transcription after rat facial nerve transection. <i>Neuroscience Research</i> , 1994, 20, 275-280.	1.0	31
122	Agonists for G-protein-coupled receptor 84 (GPR84) alter cellular morphology and motility but do not induce pro-inflammatory responses in microglia. <i>Journal of Neuroinflammation</i> , 2017, 14, 198.	3.1	31
123	Adenosine 3 \hat{I}^5 -Cyclic Monophosphate Enhances Dopamine Accumulation in Rat Hypothalamic Cell Culture Containing Dopaminergic Neurons. <i>Neuroendocrinology</i> , 1990, 52, 256-261.	1.2	30
124	GAP-43 (B50/F1) gene regulation by axonal injury of the hypoglossal nerve in the adult rat. <i>Molecular Brain Research</i> , 1994, 21, 9-18.	2.5	30
125	Differential Display Reveals Transcriptional Up-regulation of the Motor Molecules for Both Anteroaxonal and Retrograde Axonal Transport During Nerve Regeneration. <i>European Journal of Neuroscience</i> , 1997, 9, 1542-1547.	1.2	30
126	Up-regulation of thioredoxin expression in motor neurons after nerve injury. <i>Molecular Brain Research</i> , 1998, 62, 86-91.	2.5	30

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127	Phagocytic astrocytes: Emerging from the shadows of microglia. <i>Glia</i> , 2022, 70, 1009-1026.	2.5	30
128	Co-existence of glucagon- and substance P-like immunoreactivity in the chicken retina. <i>Neuroscience</i> , 1985, 16, 417-424.	1.1	29
129	Expression of NMDA receptor subunit mRNA in the vestibular ganglion of the rat and guinea-pig. <i>NeuroReport</i> , 1994, 5, 862-864.	0.6	29
130	Dimethylarginine dimethylaminohydrolase (DDAH) as a nerve-injury-associated molecule: mRNA localization in the rat brain and its coincident up-regulation with neuronal NO synthase (nNOS) in axotomized motoneurons. <i>European Journal of Neuroscience</i> , 1999, 11, 2160-2166.	1.2	29
131	Vesicular acetylcholine transporter can be a morphological marker for the reinnervation to muscle of regenerating motor axons. <i>Neuroscience Research</i> , 2004, 48, 305-314.	1.0	29
132	Phenylbutazone induces expression of MBNL1 and suppresses formation of MBNL1-CUG RNA foci in a mouse model of myotonic dystrophy. <i>Scientific Reports</i> , 2016, 6, 25317.	1.6	29
133	Coexistence of pancreatic polypeptide and substance P in the chicken retina. <i>Brain Research</i> , 1985, 361, 25-35.	1.1	28
134	A neurotensin-immunoreactive pathway from the subiculum to the mammillary body in the rat. <i>Brain Research</i> , 1986, 375, 357-359.	1.1	28
135	A stress-sensitive chemokinergetic neuronal pathway in the hypothalamo-pituitary system. <i>Neuroscience</i> , 1996, 75, 133-142.	1.1	28
136	Enhancement of Extracellular Glutamate Scavenge System in Injured Motoneurons. <i>Journal of Neurochemistry</i> , 2002, 71, 913-919.	2.1	28
137	Distinct localization of two serine-threonine kinase receptors for activin and TGF- β 2 in the rat brain and down-regulation of type I activin receptor during peripheral nerve regeneration. <i>Molecular Brain Research</i> , 1996, 42, 263-271.	2.5	27
138	Coexpression of GABAA receptor γ 1 and γ 2 subunits in the rat trigeminal ganglion. <i>Molecular Brain Research</i> , 1994, 21, 363-367.	2.5	26
139	Alternative expression of Shc family members in nerve-injured motoneurons. <i>Molecular Brain Research</i> , 1998, 53, 291-296.	2.5	26
140	Unilateral labyrinthectomy downregulates glutamate receptor γ 2 expression in the rat vestibulocerebellum. <i>Molecular Brain Research</i> , 1998, 61, 170-178.	2.5	26
141	Expression of damage-induced neuronal endopeptidase (DINE) mRNA in peri-infarct cortical and thalamic neurons following middle cerebral artery occlusion. <i>Journal of Neurochemistry</i> , 2004, 91, 956-964.	2.1	26
142	Involvement of Extracellular Calcium and Arachidonate in [³ H] Dopamine Release from Rat Tuberoinfundibular Neurons. <i>Neuroendocrinology</i> , 1989, 50, 481-487.	1.2	25
143	Substance P receptor (NK-1) in the central nervous system: possible functions from a morphological aspect. <i>Regulatory Peptides</i> , 1993, 46, 114-123.	1.9	25
144	Increased F1/GAP-43 mRNA Accumulation in Gerbil Hippocampus after Brain Ischemia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1995, 15, 1132-1136.	2.4	25

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145	The messenger RNAs encoding metabotropic glutamate receptor subtypes are expressed in different neuronal subpopulations of the rat suprachiasmatic nucleus. <i>Neuroscience</i> , 1995, 66, 161-173.	1.1	25
146	In Vitro and In Vivo Transfer of bcl-2 Gene into Keratinocytes Suppresses UVB-induced Apoptosis. <i>Photochemistry and Photobiology</i> , 2001, 74, 579.	1.3	25
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291	Aberrant synapse formation of the phrenic nerves in DINE-deficient mice. <i>Neuroscience Research</i> , 2009, 65, S157-S158.	1.0	0
292	The pancreatitis-associated protein-III (PAP-III) is polymerized into a fibrillar structure by the cleavage of its N-terminus. <i>Neuroscience Research</i> , 2010, 68, e252.	1.0	0
293	Consequences of glia-neuron interaction impairments in nerve regeneration. <i>Neuroscience Research</i> , 2011, 71, e26.	1.0	0
294	Dysfunction in the Hypothalamo-Hypophyseal System under Chronic Stress and Fatigue. <i>Advances in Neuroimmune Biology</i> , 2013, 4, 219-228.	0.7	0
295	Collapse of mitochondria-associated membrane as common pathomechanism for amyotrophic lateral sclerosis. <i>Journal of the Neurological Sciences</i> , 2017, 381, 104.	0.3	0