Hiroshi Kiyama

List of Publications by Year
in descending order

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296	13,786	23567 58	31849 101
papers	citations	h-index	g-index

302	302	302	13397
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	mTOR Is Essential for Growth and Proliferation in Early Mouse Embryos and Embryonic Stem Cells. Molecular and Cellular Biology, 2004, 24, 6710-6718.	2.3	562
2	Dual microglia effects on blood brain barrier permeability induced by systemic inflammation. Nature Communications, 2019, 10, 5816.	12.8	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. Brain Research, 1985, 330, 194-196.	2.2	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. Human Molecular Genetics, 2007, 16, 50-60.	2.9	339
5	Ubiquitin carboxy-terminal hydrolase L1 binds to and stabilizes monoubiquitin in neuron. Human Molecular Genetics, 2003, 12, 1945-1958.	2.9	328
6	The differential expression patterns of messenger RNAs encoding non-N-methyl-d-aspartate glutamate receptor subunits (GluR1â€“4) in the rat brain. Neuroscience, 1993, 52, 515-539.	2.3	302
7	Accelerated Nerve Regeneration in Mice by upregulated expression of interleukin (IL) 6 and IL-6 receptor after trauma.. Journal of Experimental Medicine, 1996, 183, 2627-2634.	8.5	300
8	Neprilysin Degrades Both Amyloid Î² Peptides 1â€“40 and 1â€“42 Most Rapidly and Efficiently among Thiorphan- and Phosphoramidon-sensitive Endopeptidases. Journal of Biological Chemistry, 2001, 276, 21895-21901.	3.4	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. Journal of Neuroscience, 2003, 23, 5187-5196.	3.6	241
10	Akt/Protein Kinase B Prevents Injury-Induced Motoneuron Death and Accelerates Axonal Regeneration. Journal of Neuroscience, 2000, 20, 2875-2886.	3.6	228
11	A Novel ATP-dependent Inward Rectifier Potassium Channel Expressed Predominantly in Glial Cells. Journal of Biological Chemistry, 1995, 270, 16339-16346.	3.4	225
12	Akt Activation Protects Hippocampal Neurons from Apoptosis by Inhibiting Transcriptional Activity of p53. Journal of Biological Chemistry, 2001, 276, 5256-5264.	3.4	218
13	AMPA, KA and NMDA receptors are expressed in the rat DRG neurones. NeuroReport, 1993, 4, 1263-1265.	1.2	205
14	Distribution of the substance P receptor (NK-1 receptor) in the central nervous system. Molecular Brain Research, 1993, 18, 43-58.	2.3	195
15	Expression and activity-dependent changes of a novel limbic-serine protease gene in the hippocampus. Journal of Neuroscience, 1995, 15, 5088-5097.	3.6	194
16	Microglial TREM2/DAP12 Signaling: A Double-Edged Sword in Neural Diseases. Frontiers in Cellular Neuroscience, 2018, 12, 206.	3.7	186
17	Mitochondriaâ€associated membrane collapse is a common pathomechanism in <scp>SIGMAR</scp>1â€and <scp>SOD</scp>1â€linked <scp>ALS</scp>. EMBO Molecular Medicine, 2016, 8, 1421-1437.	6.9	182
18	Region-specific expression of subunits of ionotropic glutamate receptors (AMPA-type, KA-type and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Research, 1993, 18, 141-151.	2.3	180

#	Article	IF	Citations
19	A noxious stimulus induces the preprotachykinin-A gene expression in the rat dorsal root ganglion: a quantitative study using in situ hybridization histochemistry. Molecular Brain Research, 1988, 4, 31-35.	2.3	179
20	Localization of two calcium binding proteins, calbindin (28 kD) and parvalbumin (12 kD), in the vertebrate retina. Journal of Comparative Neurology, 1990, 302, 417-424.	1.6	139
21	Siglecâ€H is a microgliaâ€specific marker that discriminates microglia from CNSâ€associated macrophages and CNSâ€infiltrating monocytes. Glia, 2017, 65, 1927-1943.	4.9	123
22	Damage-induced neuronal endopeptidase (DINE) is a unique metallopeptidase expressed in response to neuronal damage and activates superoxide scavengers. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 4345-4350.	7.1	114
23	Distribution of somatostatin mRNA in the rat nervous system as visualized by a novel non-radioactive in situ hybridization histochemistry procedure. Neuroscience, 1990, 38, 223-244.	2.3	112
24	Astrocytic phagocytosis is a compensatory mechanism for microglial dysfunction. EMBO Journal, 2020, 39, e104464.	7.8	105
25	c-fos may code for a common transcription factor within the hypothalamic neural circuits involved in osmoregulation. Brain Research, 1992, 572, 42-51.	2.2	104
26	Calbindin D28K as a marker for the degeneration of the striatonigral pathway in Huntington's disease. Brain Research, 1990, 525, 209-214.	2.2	103
27	TREM2/DAP12 Signal Elicits Proinflammatory Response in Microglia and Exacerbates Neuropathic Pain. Journal of Neuroscience, 2016, 36, 11138-11150.	3.6	101
28	Glutamate-like immunoreactive structures in primary sensory neurons in the rat detected by a specific antiserum against glutamate. Experimental Brain Research, 1987, 65, 691-4.	1.5	98
29	Nerve injury enhances rat neuronal glutamate transporter expression: identification by differential display PCR. Journal of Neuroscience, 1995, 15, 7872-7878.	3.6	96
30	Ontogeny of cholecystokinin-8-containing neuron system of the rat: An immunohistochemical analysis. I. Forebrain and upper brainstem. Journal of Comparative Neurology, 1983, 218, 25-41.	1.6	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. Neuroscience, 1997, 76, 571-580.	2.3	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. Journal of Neuroendocrinology, 1990, 2, 257-259.	2.6	89
33	Regional distribution of cells expressing glycine receptor Î±2 subunit mRNA in the rat brain. Brain Research, 1992, 590, 95-108.	2.2	89
34	Immunocytochemical localization of Î²-adrenergic receptors in the rat brain. Brain Research, 1989, 485, 125-140.	2.2	88
35	G-Protein-Coupled Receptor Screen Reveals a Role for Chemokine Receptor CCR5 in Suppressing Microglial Neurotoxicity. Journal of Neuroscience, 2008, 28, 11980-11988.	3.6	87
36	Cell Type-Specific Intervention of Transforming Growth Factor Î²/Smad Signaling Suppresses Collagen Gene Expression and Hepatic Fibrosis in Mice. Gastroenterology, 2005, 129, 259-268.	1.3	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.	3.1	84
38	Starvation Compromises Paneth Cells. American Journal of Pathology, 2011, 179, 2885-2893.	3.8	82
39	Collapsin response mediator protein-2 accelerates axon regeneration of nerve-injured motor neurons of rat. Journal of Neurochemistry, 2003, 86, 1042-1050.	3.9	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.	3.6	76
41	Transient adenoviral gene transfer of Smad7 prevents injury-induced epithelialâ€“mesenchymal transition of lens epithelium in mice. Laboratory Investigation, 2004, 84, 1259-1270.	3.7	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.	3.6	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.	3.4	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.	2.9	73
45	Effects of MK801 on Fos expression in the rat brainstem after unilateral labyrinthectomy. Brain Research, 1995, 700, 182-190.	2.2	72
46	Preproenkephalin gene expression in the rat spinal cord after noxious stimuli. Molecular Brain Research, 1989, 5, 227-234.	2.3	71
47	Expression and Translocation of Aquaporinâ€2 in the Endolymphatic Sac in Patients with Meniereâ€™s Disease. Journal of Neuroendocrinology, 2010, 22, 1157-1164.	2.6	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.	2.3	70
49	The GABAA receptor Î³1 subunit is expressed by distinct neuronal populations. Molecular Brain Research, 1992, 15, 121-132.	2.3	69
50	Menieâ€™s Attacks Occur in the Inner Ear with Excessive Vasopressin Typeâ€2 Receptors. Journal of Neuroendocrinology, 2008, 20, 1295-1300.	2.6	68
51	Nerve injuryâ€activated microglia engulf myelinated axons in a P2Y12 signalingâ€dependent manner in the dorsal horn. Glia, 2010, 58, 1838-1846.	4.9	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.	3.6	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.	2.2	67
54	Characteristic Localization of gpl30 (the Signal-transducing Receptor Component Used in Common) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.6	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. Journal of Neuroscience, 2000, 20, 4138-4144.	3.6	64
56	Constitutive nitric oxide synthase is associated with retinal vascular permeability in early diabetic rats. Diabetologia, 2001, 44, 1043-1050.	6.3	64
57	GTP Hydrolysis by the Rho Family GTPase TC10 Promotes Exocytic Vesicle Fusion. Developmental Cell, 2006, 11, 411-421.	7.0	62
58	Differential expression of Notch1 and Notch2 in developing and adult mouse brain. Molecular Brain Research, 1995, 29, 263-272.	2.3	61
59	Distribution of GAP-43 (B50/F1) mRNA in the adult rat brain by in situ hybridization using an alkaline phosphatase labeled probe. Molecular Brain Research, 1993, 18, 1-16.	2.3	60
60	Colchicine-induced expression of proneurotensin mRNA in rat striatum and hypothalamus. Molecular Brain Research, 1991, 9, 353-358.	2.3	58
61	Distribution of the Ï‰-conotoxin receptor in rat brain. An autoradiographic mapping. Neuroscience, 1989, 32, 405-416.	2.3	57
62	Differential expression of oxytocin receptor mRNA in the developing rat brain. Neuroscience Research, 1996, 24, 291-304.	1.9	56
63	Immunohistochemical localization of chick retinal 24 kdalton protein (visinin) in various vertebrate retinae. Brain Research, 1985, 331, 209-215.	2.2	55
64	Pancreatitis-Associated Protein-III Is a Novel Macrophage Chemoattractant Implicated in Nerve Regeneration. Journal of Neuroscience, 2006, 26, 7460-7467.	3.6	55
65	Peripheral and spinal mechanisms of nociception in a rat reserpine-induced pain model. Pain, 2015, 156, 415-427.	4.2	55
66	A novel mammalian T-box-containing gene, Tbr2, expressed in mouse developing brain. Developmental Brain Research, 1999, 115, 183-193.	1.7	54
67	A Chronic fatigue syndrome model demonstrates mechanical allodynia and muscular hyperalgesia via spinal microglial activation. Glia, 2014, 62, 1407-1417.	4.9	53
68	Localization of GABAA-receptor Î³2-subunit mRNA-containing neurons in the rat central nervous system. Neuroscience, 1992, 47, 45-61.	2.3	52
69	Nociception originating from the crural fascia in rats. Pain, 2013, 154, 1103-1114.	4.2	51
70	Neurotensin immunoreactivity in the human cingulate gyrus, hippocampal subiculum and mammillary bodies. Its potential role in memory processing. Brain Research, 1986, 375, 351-356.	2.2	50
71	Expression of Reg/PAP family members during motor nerve regeneration in rat. Biochemical and Biophysical Research Communications, 2005, 332, 126-134.	2.1	50
72	Sensitive non-radioisotopic in situ hybridization histochemistry: demonstration of tyrosine hydroxylase gene expression in rat brain and adrenal. Molecular Brain Research, 1990, 7, 213-219.	2.3	49

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73	Selective Upregulation of Cytokine Receptor Subchain and Their Intracellular Signalling Molecules After Peripheral Nerve Injury. European Journal of Neuroscience, 1997, 9, 1047-1054.	2.6	49
74	Vlgr1 is required for proper stereocilia maturation of cochlear hair cells. Genes To Cells, 2007, 12, 235-250.	1.2	49
75	A new method for producing a specific and high titre antibody against glutamate using colloidal gold as a carrier. Brain Research, 1986, 382, 399-403.	2.2	48
76	Different postnatal development of cells expressing mRNA encoding neurotensin receptor. Neuroscience, 1992, 48, 137-149.	2.3	48
77	Three dimensional analysis of retinal neuropeptides and amine in the chick. Brain Research Bulletin, 1985, 15, 155-165.	3.0	46
78	p53-Independent Cyclin G Expression in a Group of Mature Neurons and Its Enhanced Expression during Nerve Regeneration. Journal of Neuroscience, 1996, 16, 5961-5966.	3.6	46
79	Unique anti-apoptotic activity of EAAC1 in injured motor neurons. EMBO Journal, 2006, 25, 3411-3421.	7.8	46
80	Ontogeny of cholecystokinin-8 containing neuron system of the rat: An immunohistochemical analysisâ€”II. Lower brain stem. Neuroscience, 1983, 10, 1341-1359.	2.3	44
81	GABAA Receptor subunit messenger RNAs show differential expression during cortical development in the rat brain. Neuroscience, 1992, 51, 583-591.	2.3	44
82	Nerve Growth Factor Protects Oligodendrocytes from Tumor Necrosis Factor-Î±-induced Injury through Akt-mediated Signaling Mechanisms. Journal of Biological Chemistry, 2000, 275, 16360-16365.	3.4	44
83	So-called interplexiform cells immunoreactive to tyrosine hydroxylase or somatostatin in rat retina. Brain Research, 1985, 346, 136-140.	2.2	43
84	Characteristic localization of non-NMDA type glutamate receptor subunits in the rat pituitary gland. Molecular Brain Research, 1993, 19, 262-268.	2.3	43
85	Enhanced expression of 14-3-3 family members in injured motoneurons. Molecular Brain Research, 1998, 55, 315-320.	2.3	43
86	Brain-derived neurotrophic factor rescues neuronal death induced by methamphetamine. Biological Psychiatry, 2004, 55, 52-60.	1.3	43
87	Mitochondrial fission is an acute and adaptive response in injured motor neurons. Scientific Reports, 2016, 6, 28331.	3.3	43
88	Activated cAMP-response Element-binding Protein Regulates Neuronal Expression of Presenilin-1. Journal of Biological Chemistry, 2001, 276, 9688-9698.	3.4	42
89	Recent progress in the use of the technique of non-radioactive in situ hybridization histochemistry: new tools for molecular neurobiology. Neuroscience Research, 1990, 9, 1-21.	1.9	40
90	Regulation of mRNA expression involved in Ras and PKA signal pathways during rat hypoglossal nerve regeneration. Molecular Brain Research, 1995, 29, 147-156.	2.3	40

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91	Expression patterns of a glutamate-binding protein in the rat central nervous system: Comparison withN-methyl-d-aspartate receptor subunit 1 in rat. Neuroscience, 1995, 64, 459-475.	2.3	40
92	Biphasic expression of activating transcription factor-3 in neurons after cerebral infarction. Molecular Brain Research, 2003, 115, 147-156.	2.3	40
93	Mutant Loricrin is Not Crosslinked into the Cornified Cell Envelope but is Translocated into the Nucleus in Loricrin Keratoderma. Journal of Investigative Dermatology, 2000, 115, 1088-1094.	0.7	39
94	Induced expressions of Rab24 GTPase and LC3 in nerve-injured motor neurons. Biochemical and Biophysical Research Communications, 2005, 337, 1206-1213.	2.1	39
95	Annexin III implicated in the microglial response to motor nerve injury. Glia, 2006, 53, 723-732.	4.9	39
96	Damage-Induced Neuronal Endopeptidase Is Critical for Presynaptic Formation of Neuromuscular Junctions. Journal of Neuroscience, 2010, 30, 6954-6962.	3.6	39
97	Differential effects of acute dopaminergic D1 and D2 receptor antagonists on proneurotensin mRNA expression in rat striatum. Molecular Brain Research, 1991, 9, 341-346.	2.3	38
98	The nuclear events guiding successful nerve regeneration. Frontiers in Molecular Neuroscience, 2011, 4, 53.	2.9	38
99	Autoradiographic visualization in rat brain of receptors for Ï‰-conotoxin GVIA, a newly discovered calcium antagonist. Brain Research, 1988, 451, 386-389.	2.2	37
100	An in situ hybridization histochemistry method for the use of alkaline phosphatase-labeled oligonucleotide probes in small intestine.. Journal of Histochemistry and Cytochemistry, 1991, 39, 1377-1384.	2.5	37
101	Changes in nitric oxide synthase-like immunoreactivities in unipolar brush cells in the rat cerebellar flocculus after unilateral labyrinthectomy. Brain Research, 1997, 765, 1-6.	2.2	37
102	Dopaminergic D1 and D2 receptor antagonists decrease prosomatostatin mRNA expression in rat striatum. Neuroscience, 1991, 44, 35-44.	2.3	36
103	Mitochondrial behavior during axon regeneration/degeneration in vivo. Neuroscience Research, 2019, 139, 42-47.	1.9	36
104	Transgenic mouse overexpressing the Akt reduced the volume of infarct area after middle cerebral artery occlusion. Neuroscience Letters, 2004, 359, 159-162.	2.1	35
105	Down-Regulation of KCC2 Expression and Phosphorylation in Motoneurons, and Increases the Number of in Primary Afferent Projections to Motoneurons in Mice with Post-Stroke Spasticity. PLoS ONE, 2014, 9, e114328.	2.5	35
106	A DAP12â€Dependent signal promotes proâ€inflammatory polarization in microglia following nerve injury and exacerbates degeneration of injured neurons. Glia, 2015, 63, 1073-1082.	4.9	35
107	GPR34 in spinal microglia exacerbates neuropathic pain in mice. Journal of Neuroinflammation, 2019, 16, 82.	7.2	35
108	An immunohistochemical study on the river lamprey retina. Brain Research, 1986, 362, 389-393.	2.2	34

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109	Expressed-sequence-tag approach to identify differentially expressed genes following peripheral nerve axotomy. Molecular Brain Research, 1999, 64, 34-40.	2.3	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. PLoS ONE, 2015, 10, e0119578.	2.5	34
111	Distribution of Tyrosine Hydroxylase mRNA in the Rat Central Nervous System Visualized by Alkaline Phosphatase in situ Hybridization Histochemistry. European Journal of Neuroscience, 1990, 2, 512-524.	2.6	33
112	Expression of glutamate (AMPA type) and Î³-aminobutyric acid (GABA)A receptors in the rat caudal trigeminal spinal nucleus. Neuroscience Letters, 1995, 186, 169-172.	2.1	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. Molecular Brain Research, 2001, 89, 158-163.	2.3	33
114	Occurrence of calcitonin gene-related peptide in the chicken amacrine cells. Brain Research, 1985, 327, 367-369.	2.2	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. Journal of Neuroscience, 2002, 22, 9410-9418.	3.6	32
116	Altered expression of neprilysin family members in the pituitary gland of sleep-disturbed rats, an animal model of severe fatigue. Journal of Neurochemistry, 2005, 95, 1156-1166.	3.9	32
117	Chronic stress elicits prolonged activation of Î±â€MSH secretion and subsequent degeneration of melanotroph. Journal of Neurochemistry, 2009, 109, 1389-1399.	3.9	32
118	microRNA-124 is down regulated in nerve-injured motor neurons and it potentially targets mRNAs for KLF6 and STAT3. Neuroscience, 2014, 256, 426-432.	2.3	32
119	Ontogeny of [3H]neurotensin binding sites in the rat cerebral cortex: Autoradiographic study. Developmental Brain Research, 1987, 31, 303-306.	1.7	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. Molecular Brain Research, 1991, 9, 87-93.	2.3	31
121	Up-regulation of ERK (MAP kinase) and MEK (MAP kinase kinase) transcription after rat facial nerve transection. Neuroscience Research, 1994, 20, 275-280.	1.9	31
122	Agonists for G-protein-coupled receptor 84 (GPR84) alter cellular morphology and motility but do not induce pro-inflammatory responses in microglia. Journal of Neuroinflammation, 2017, 14, 198.	7.2	31
123	Adenosine 3â€™,5â€™-Cyclic Monophosphate Enhances Dopamine Accumulation in Rat Hypothalamic Cell Culture Containing Dopaminergic Neurons. Neuroendocrinology, 1990, 52, 256-261.	2.5	30
124	GAP-43 (B50/F1) gene regulation by axonal injury of the hypoglossal nerve in the adult rat. Molecular Brain Research, 1994, 21, 9-18.	2.3	30
125	Differential Display Reveals Transcriptional Up-regulation of the Motor Molecules for Both Anteroarade and Retrograde Axonal Transport During Nerve Regeneration. European Journal of Neuroscience, 1997, 9, 1542-1547.	2.6	30
126	Up-regulation of thioredoxin expression in motor neurons after nerve injury. Molecular Brain Research, 1998, 62, 86-91.	2.3	30

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127	Phagocytic astrocytes: Emerging from the shadows of microglia. Glia, 2022, 70, 1009-1026.	4.9	30
128	Co-existence of glucagon- and substance P-like immunoreactivity in the chicken retina. Neuroscience, 1985, 16, 417-424.	2.3	29
129	Expression of NMDA receptor subunit mRNA in the vestibular ganglion of the rat and guinea-pig. NeuroReport, 1994, 5, 862-864.	1.2	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. European Journal of Neuroscience, 1999, 11, 2160-2166.	2.6	29
131	Vesicular acetylcholine transporter can be a morphological marker for the reinnervation to muscle of regenerating motor axons. Neuroscience Research, 2004, 48, 305-314.	1.9	29
132	Phenylbutazone induces expression of MBNL1 and suppresses formation of MBNL1-CUG RNA foci in a mouse model of myotonic dystrophy. Scientific Reports, 2016, 6, 25317.	3.3	29
133	Coexistence of pancreatic polypeptide and substance P in the chicken retina. Brain Research, 1985, 361, 25-35.	2.2	28
134	A neurotensin-immunoreactive pathway from the subiculum to the mammillary body in the rat. Brain Research, 1986, 375, 357-359.	2.2	28
135	A stress-sensitive chemokinergic neuronal pathway in the hypothalamo-pituitary system. Neuroscience, 1996, 75, 133-142.	2.3	28
136	Enhancement of Extracellular Glutamate Scavenge System in Injured Motoneurons. Journal of Neurochemistry, 2002, 71, 913-919.	3.9	28
137	Distinct localization of two serineâ€“threonine kinase receptors for activin and TGF-Î² in the rat brain and down-regulation of type I activin receptor during peripheral nerve regeneration. Molecular Brain Research, 1996, 42, 263-271.	2.3	27
138	Coexpression of GABAA receptor Î³1 and Î³2 subunits in the rat trigeminal ganglion. Molecular Brain Research, 1994, 21, 363-367.	2.3	26
139	Alternative expression of Shc family members in nerve-injured motoneurons. Molecular Brain Research, 1998, 53, 291-296.	2.3	26
140	Unilateral labyrinthectomy downregulates glutamate receptor Î´-2 expression in the rat vestibulocerebellum. Molecular Brain Research, 1998, 61, 170-178.	2.3	26
141	Expression of damage-induced neuronal endopeptidase (DINE) mRNA in peri-infarct cortical and thalamic neurons following middle cerebral artery occlusion. Journal of Neurochemistry, 2004, 91, 956-964.	3.9	26
142	Involvement of Extracellular Calcium and Arachidonate in [³H] Dopamine Release from Rat Tuberoinfundibular Neurons. Neuroendocrinology, 1989, 50, 481-487.	2.5	25
143	Substance P receptor (NK-1) in the central nervous system: possible functions from a morphological aspect. Regulatory Peptides, 1993, 46, 114-123.	1.9	25
144	Increased F1/GAP-43 mRNA Accumulation in Gerbil Hippocampus after Brain Ischemia. Journal of Cerebral Blood Flow and Metabolism, 1995, 15, 1132-1136.	4.3	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. Neuroscience, 1995, 66, 161-173.	2.3	25
146	In Vitro and In Vivo Transfer of bcl-2 Gene into Keratinocytes Suppresses UVB-induced ApoptosisÂ¶. Photochemistry and Photobiology, 2001, 74, 579.	2.5	25
147	Expression of Human Cystatin A by Keratinocytes Is Positively Regulated via the Ras/MEKK1/MKK7/JNK Signal Transduction Pathway but Negatively Regulated via the Ras/Raf-1/MEK1/ERK Pathway. Journal of Biological Chemistry, 2001, 276, 36632-36638.	3.4	25
148	Id1, Id2 and Id3 are induced in rat melanotrophs of the pituitary gland by dopamine suppression under continuous stress. Neuroscience, 2010, 169, 1527-1534.	2.3	25
149	Damage-induced neuronal endopeptidase (DINE) enhances axonal regeneration potential of retinal ganglion cells after optic nerve injury. Cell Death and Disease, 2017, 8, e2847-e2847.	6.3	25
150	Immunocytochemical localizations of cytosolic and mitochondrial glutamic oxaloacetic transaminase isozymes in rat primary sensory neurons as a marker for the glutamate neuronal system. Brain Research, 1987, 402, 197-200.	2.2	24
151	Coexistence of enkephalin and somatostatin in the chicken retina. Brain Research, 1989, 489, 254-260.	2.2	24
152	Changes in preproenkephalin mRNA after unilateral and bilateral labyrinthectomy in the rat medial vestibular nucleus. Molecular Brain Research, 1993, 19, 237-240.	2.3	24
153	The Production of CINC/gro, a Member of the Interleukin-8 Family, in Rat Anterior Pituitary Gland. Biochemical and Biophysical Research Communications, 1994, 202, 161-167.	2.1	24
154	Identification of Peripherin as a Akt Substrate in Neurons. Journal of Biological Chemistry, 2007, 282, 23491-23499.	3.4	24
155	The formation of argpyrimidine, a methylglyoxalâ€“arginine adduct, in the nucleus of neural cells. Biochemical and Biophysical Research Communications, 2009, 378, 209-212.	2.1	24
156	Possible ATP release through lysosomal exocytosis from primary sensory neurons. Biochemical and Biophysical Research Communications, 2013, 430, 488-493.	2.1	24
157	R-spondin 2 promotes acetylcholine receptor clustering at the neuromuscular junction via Lgr5. Scientific Reports, 2016, 6, 28512.	3.3	24
158	Immunocytochemical localizations of cytosolic and mitochondrial glutamic oxaloacetic transaminase isozymes in rat retina as markers for the glutamate-aspartate neuronal system. Brain Research, 1985, 325, 336-339.	2.2	23
159	Postnatal ontogeny of cells expressing prepro-neurotensin/neuromedin N mRNA in the rat forebrain and midbrain: A hybridization histochemical study involving isotope-labeled and enzyme-labeled probes. Journal of Comparative Neurology, 1991, 310, 300-315.	1.6	23
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