

# Hiroshi Kiyama

## List of Publications by Year in descending order

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295  
papers

13,786  
citations

23544

58  
h-index

31818

101  
g-index

302  
all docs

302  
docs citations

302  
times ranked

13397  
citing authors

#	ARTICLE	IF	CITATIONS
1	Phagocytic astrocytes: Emerging from the shadows of microglia. <i>Glia</i> , 2022, 70, 1009-1026.	2.5	30
2	TC10, a Rho family GTPase, is required for efficient axon regeneration in a neuron-independent manner. <i>Journal of Neurochemistry</i> , 2021, 157, 1196-1206.	2.1	5
3	Morphology, localization, and postnatal development of dural macrophages. <i>Cell and Tissue Research</i> , 2021, 384, 49-58.	1.5	17
4	A mouse model of microglia-specific ablation in the embryonic central nervous system. <i>Neuroscience Research</i> , 2021, 173, 54-61.	1.0	1
5	Axonal injury alters the extracellular glial environment of the axon initial segment and allows substantial mitochondrial influx into axon initial segment. <i>Journal of Comparative Neurology</i> , 2021, 529, 3621-3632.	0.9	8
6	Astrocytic phagocytosis is a compensatory mechanism for microglial dysfunction. <i>EMBO Journal</i> , 2020, 39, e104464.	3.5	105
7	Zonisamide ameliorates neuropathic pain partly by suppressing microglial activation in the spinal cord in a mouse model. <i>Life Sciences</i> , 2020, 263, 118577.	2.0	7
8	Non-pathological roles of microglial TREM2/DAP12: TREM2/DAP12 regulates the physiological functions of microglia from development to aging. <i>Neurochemistry International</i> , 2020, 141, 104878.	1.9	17
9	Necroptosis of Intestinal Epithelial Cells Induces Type 3 Innate Lymphoid Cell-Dependent Lethal Ileitis. <i>IScience</i> , 2019, 15, 536-551.	1.9	21
10	GPR34 in spinal microglia exacerbates neuropathic pain in mice. <i>Journal of Neuroinflammation</i> , 2019, 16, 82.	3.1	35
11	Hyperactivation of proprioceptors induces microglia-mediated long-lasting pain in a rat model of chronic fatigue syndrome. <i>Journal of Neuroinflammation</i> , 2019, 16, 67.	3.1	20
12	Dual microglia effects on blood brain barrier permeability induced by systemic inflammation. <i>Nature Communications</i> , 2019, 10, 5816.	5.8	492
13	The Link between Type III Reg and STAT3-Associated Cytokines in Inflamed Colonic Tissues. <i>Mediators of Inflammation</i> , 2019, 2019, 1-10.	1.4	8
14	Mitochondrial behavior during axon regeneration/degeneration in vivo. <i>Neuroscience Research</i> , 2019, 139, 42-47.	1.0	36
15	New Insights of a Neuronal Peptidase DINE/ECEL1: Nerve Development, Nerve Regeneration and Neurogenic Pathogenesis. <i>Neurochemical Research</i> , 2019, 44, 1279-1288.	1.6	14
16	Dual functions of microglia in the formation and refinement of neural circuits during development. <i>International Journal of Developmental Neuroscience</i> , 2019, 77, 18-25.	0.7	19
17	Lack of Fgf18 causes abnormal clustering of motor nerve terminals at the neuromuscular junction with reduced acetylcholine receptor clusters. <i>Scientific Reports</i> , 2018, 8, 434.	1.6	12
18	Complete adult neurogenesis within a Wallerian degenerating nerve expressed as an ectopic ganglion. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, 1469-1480.	1.3	5

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19	Microglial TREM2/DAP12 Signaling: A Double-Edged Sword in Neural Diseases. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 206.	1.8	186
20	Phospholipid localization implies microglial morphology and function via Cdc42 <i>in vitro</i> . <i>Glia</i> , 2017, 65, 740-755.	2.5	17
21	Exposure to diphtheria toxin during the juvenile period impairs both inner and outer hair cells in C57BL/6 mice. <i>Neuroscience</i> , 2017, 351, 15-23.	1.1	6
22	Three-dimensional analysis of somatic mitochondrial dynamics in fission-deficient injured motor neurons using FIB/SEM. <i>Journal of Comparative Neurology</i> , 2017, 525, 2535-2548.	0.9	15
23	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
24	Damage-induced neuronal endopeptidase (DINE) enhances axonal regeneration potential of retinal ganglion cells after optic nerve injury. <i>Cell Death and Disease</i> , 2017, 8, e2847-e2847.	2.7	25
25	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
26	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
27	Distinct functional consequences of ECEL1/DINE missense mutations in the pathogenesis of congenital contracture disorders. <i>Acta Neuropathologica Communications</i> , 2017, 5, 83.	2.4	7
28	Mitochondrial fission is an acute and adaptive response in injured motor neurons. <i>Scientific Reports</i> , 2016, 6, 28331.	1.6	43
29	Suppression of c-Kit signaling induces adult neurogenesis in the mouse intestine after myenteric plexus ablation with benzalkonium chloride. <i>Scientific Reports</i> , 2016, 6, 32100.	1.6	7
30	Mitochondria-associated membrane collapse is a common pathomechanism in <i>SIGMAR1</i> and <i>SOD1</i> linked <i>ALS</i> . <i>EMBO Molecular Medicine</i> , 2016, 8, 1421-1437.	3.3	182
31	Motor Nerve Arborization Requires Proteolytic Domain of Damage-Induced Neuronal Endopeptidase (DINE) during Development. <i>Journal of Neuroscience</i> , 2016, 36, 4744-4757.	1.7	13
32	Increased a-series gangliosides positively regulate leptin/Ob receptor-mediated signals in hypothalamus of GD3 synthase-deficient mice. <i>Biochemical and Biophysical Research Communications</i> , 2016, 479, 453-460.	1.0	16
33	TREM2/DAP12 Signal Elicits Proinflammatory Response in Microglia and Exacerbates Neuropathic Pain. <i>Journal of Neuroscience</i> , 2016, 36, 11138-11150.	1.7	101
34	R-spondin 2 promotes acetylcholine receptor clustering at the neuromuscular junction via Lgr5. <i>Scientific Reports</i> , 2016, 6, 28512.	1.6	24
35	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
36	Ontogeny and innervation of taste buds in mouse palatal gustatory epithelium. <i>Journal of Chemical Neuroanatomy</i> , 2016, 71, 26-40.	1.0	4

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37	ECEL1 mutation implicates impaired axonal arborization of motor nerves in the pathogenesis of distal arthropathy. <i>Acta Neuropathologica</i> , 2016, 132, 111-126.	3.9	20
38	Increase of transcription factor EB (TFEB) and lysosomes in rat DRG neurons and their transportation to the central nerve terminal in dorsal horn after nerve injury. <i>Neuroscience</i> , 2016, 313, 10-22.	1.1	8
39	Existence of c-Kit negative cells with ultrastructural features of interstitial cells of Cajal in the subserosal layer of the <i>W/W<sup>v</sup></i> mutant mouse colon. <i>Journal of Smooth Muscle Research</i> , 2015, 51, 1-9.	0.7	14
40	A DAP12â€dependent signal promotes proâ€inflammatory polarization in microglia following nerve injury and exacerbates degeneration of injured neurons. <i>Glia</i> , 2015, 63, 1073-1082.	2.5	35
41	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
42	b-series gangliosides crucially regulate leptin secretion in adipose tissues. <i>Biochemical and Biophysical Research Communications</i> , 2015, 459, 189-195.	1.0	14
43	Peripheral and spinal mechanisms of nociception in a rat reserpine-induced pain model. <i>Pain</i> , 2015, 156, 415-427.	2.0	55
44	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. <i>PLoS ONE</i> , 2014, 9, e114328.	1.1	35
45	Weakened rate-dependent depression of Hoffmannâ€™s reflex and increased motoneuron hyperactivity after motor cortical infarction in mice. <i>Cell Death and Disease</i> , 2014, 5, e1007-e1007.	2.7	23
46	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
47	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
48	Interferon Regulatory Factor 8 Expressed in Microglia Contributes to Tactile Allodynia Induced by Repeated Cold Stress in Rodents. <i>Journal of Pharmacological Sciences</i> , 2014, 126, 172-176.	1.1	22
49	Nociception originating from the crural fascia in rats. <i>Pain</i> , 2013, 154, 1103-1114.	2.0	51
50	Continuous stress promotes expression of VGF in melanotroph via suppression of dopamine. <i>Molecular and Cellular Endocrinology</i> , 2013, 372, 49-56.	1.6	8
51	Possible ATP release through lysosomal exocytosis from primary sensory neurons. <i>Biochemical and Biophysical Research Communications</i> , 2013, 430, 488-493.	1.0	24
52	N-terminal Cleaved Pancreatitis-associated Protein-III (PAP-III) Serves as a Scaffold for Neurites and Promotes Neurite Outgrowth. <i>Journal of Biological Chemistry</i> , 2013, 288, 10205-10213.	1.6	13
53	Differential Induction of Antimicrobial REGIII by the Intestinal Microbiota and <i>Bifidobacterium breve</i> NCC2950. <i>Applied and Environmental Microbiology</i> , 2013, 79, 7745-7754.	1.4	84
54	Dysfunction in the Hypothalamo-Hypophyseal System under Chronic Stress and Fatigue. <i>Advances in Neuroimmune Biology</i> , 2013, 4, 219-228.	0.7	0

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55	The Absence of Somatotroph Proliferation During Continuous Stress is a Result of the Lack of Extracellular Signal-Regulated Kinase 1/2 Activation. <i>Journal of Neuroendocrinology</i> , 2012, 24, 1335-1345.	1.2	10
56	Urinary levels of Hepatocarcinoma-intestine-pancreas/Pancreatitis-associated protein as a diagnostic biomarker in patients with bladder cancer. <i>BMC Urology</i> , 2012, 12, 24.	0.6	6
57	Expression analysis of the regenerating gene (Reg) family members Reg $\beta$ and Reg $\gamma$ in the mouse during development. <i>Journal of Comparative Neurology</i> , 2012, 520, 479-494.	0.9	23
58	Starvation Compromises Paneth Cells. <i>American Journal of Pathology</i> , 2011, 179, 2885-2893.	1.9	82
59	Continuous stress-induced dopamine dysregulation augments PAP-I and PAP-II expression in melanotrophs of the pituitary gland. <i>Biochemical and Biophysical Research Communications</i> , 2011, 407, 7-12.	1.0	7
60	Consequences of glia-neuron interaction impairments in nerve regeneration. <i>Neuroscience Research</i> , 2011, 71, e26.	1.0	0
61	Pancreatitis-associated protein-I and pancreatitis-associated protein-III expression in a rat model of kainic acid-induced seizure. <i>Neuroscience</i> , 2011, 175, 273-280.	1.1	9
62	The nuclear events guiding successful nerve regeneration. <i>Frontiers in Molecular Neuroscience</i> , 2011, 4, 53.	1.4	38
63	Local ventilation system successfully reduced formaldehyde exposure during gross anatomy dissection classes. <i>Anatomical Science International</i> , 2010, 85, 251-252.	0.5	6
64	Simultaneous expression of glutathione, thioredoxin-1, and their reductases in nerve transected hypoglossal motor neurons of rat. <i>Brain Research</i> , 2010, 1306, 1-7.	1.1	9
65	Nerve injury-activated microglia engulf myelinated axons in a P2Y <sub>12</sub> signaling-dependent manner in the dorsal horn. <i>Glia</i> , 2010, 58, 1838-1846.	2.5	68
66	Expression and Translocation of Aquaporin-2 in the Endolymphatic Sac in Patients with Meniere's Disease. <i>Journal of Neuroendocrinology</i> , 2010, 22, 1157-1164.	1.2	71
67	Damage-Induced Neuronal Endopeptidase Is Critical for Presynaptic Formation of Neuromuscular Junctions. <i>Journal of Neuroscience</i> , 2010, 30, 6954-6962.	1.7	39
68	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
69	Molecular characterization and expression of the low-density lipoprotein receptor-related protein-10, a new member of the LDLR gene family. <i>Biochemical and Biophysical Research Communications</i> , 2010, 391, 1110-1115.	1.0	6
70	Id1, Id2 and Id3 are induced in rat melanotrophs of the pituitary gland by dopamine suppression under continuous stress. <i>Neuroscience</i> , 2010, 169, 1527-1534.	1.1	25
71	Elevated Urinary Levels and Urothelial Expression of Hepatocarcinoma-intestine-pancreas/Pancreatitis-associated Protein in Patients With Interstitial Cystitis. <i>Urology</i> , 2010, 75, 933-937.	0.5	13
72	The increase of alpha-melanocyte-stimulating hormone in the plasma of chronic fatigue syndrome patients. <i>BMC Neurology</i> , 2010, 10, 73.	0.8	23

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73	Induction of Pancreatitis-Associated Protein (PAP) Family Members in Neurons after Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2009, 26, 1683-1693.	1.7	20
74	Chronic stress elicits prolonged activation of $\beta$ -MSH secretion and subsequent degeneration of melanotroph. <i>Journal of Neurochemistry</i> , 2009, 109, 1389-1399.	2.1	32
75	The formation of argpyrimidine, a methylglyoxal-arginine adduct, in the nucleus of neural cells. <i>Biochemical and Biophysical Research Communications</i> , 2009, 378, 209-212.	1.0	24
76	Aberrant synapse formation of the phrenic nerves in DINE-deficient mice. <i>Neuroscience Research</i> , 2009, 65, S157-S158.	1.0	0
77	Over-Expression of Pancreatic Pituitary Adenylate Cyclase-Activating Polypeptide (PACAP) Aggravates Cerulein-Induced Acute Pancreatitis in Mice. <i>Journal of Pharmacological Sciences</i> , 2009, 110, 451-458.	1.1	13
78	Alteration of glial cell line-derived neurotrophic factor family receptor alpha2 mRNA expression and its co-expression with neuronal nitric oxide synthase in pelvic ganglia following unilateral cavernous nerve injury. <i>International Journal of Urology</i> , 2008, 15, 82-86.	0.5	6
79	Meniere's Attacks Occur in the Inner Ear with Excessive Vasopressin Type2 Receptors. <i>Journal of Neuroendocrinology</i> , 2008, 20, 1295-1300.	1.2	68
80	Expression of Pancreatitis Associated Proteins in Urothelium and Urinary Afferent Neurons Following Cyclophosphamide Induced Cystitis. <i>Journal of Urology</i> , 2008, 179, 1603-1609.	0.2	11
81	Neuronal Injury-inducible Gene Is Synergistically Regulated by ATF3, c-Jun, and STAT3 through the Interaction with Sp1 in Damaged Neurons. <i>Journal of Biological Chemistry</i> , 2008, 283, 6988-6996.	1.6	74
82	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
83	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
84	Suture of Transected Nerve Suppresses Expression of BH3-Only Protein Noxa in Nerve-Transected Motor Neurons of C57BL/6J Mouse. <i>Journal of Neurotrauma</i> , 2007, 24, 876-884.	1.7	0
85	Targeted and regulable expression of transgenes in hepatic stellate cells and myofibroblasts in culture and in vivo using an adenoviral Cre/loxP system to antagonise hepatic fibrosis. <i>Gut</i> , 2007, 56, 396-404.	6.1	23
86	Identification of Peripherin as a Akt Substrate in Neurons. <i>Journal of Biological Chemistry</i> , 2007, 282, 23491-23499.	1.6	24
87	Reply:. <i>Hepatology</i> , 2007, 45, 1585-1586.	3.6	10
88	Vlgr1 is required for proper stereocilia maturation of cochlear hair cells. <i>Genes To Cells</i> , 2007, 12, 235-250.	0.5	49
89	Melanocortin receptor 4 is induced in nerve-injured motor and sensory neurons of mouse. <i>Journal of Neurochemistry</i> , 2007, 101, 1145-1152.	2.1	22
90	Altered expression of Smad family members in injured motor neurons of rat. <i>Brain Research</i> , 2007, 1132, 36-41.	1.1	19

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91	Transient suppression of the vesicular acetylcholine transporter in urinary bladder pathways following spinal cord injury. <i>Brain Research</i> , 2007, 1137, 20-28.	1.1	17
92	GTP Hydrolysis by the Rho Family GTPase TC10 Promotes Exocytic Vesicle Fusion. <i>Developmental Cell</i> , 2006, 11, 411-421.	3.1	62
93	Age-related alteration of neurturin receptor GFRa2 and nNOS in pelvic ganglia. <i>Neurobiology of Aging</i> , 2006, 27, 1524-1530.	1.5	14
94	Localization and ontogeny of damage-induced neuronal endopeptidase mRNA-expressing neurons in the rat nervous system. <i>Neuroscience</i> , 2006, 141, 299-310.	1.1	19
95	Nerve injury induces the expression of EXT2, a glycosyltransferase required for heparan sulfate synthesis. <i>Neuroscience</i> , 2006, 141, 1961-1969.	1.1	15
96	Unique anti-apoptotic activity of EAAC1 in injured motor neurons. <i>EMBO Journal</i> , 2006, 25, 3411-3421.	3.5	46
97	A newly modified SCG10 promoter and Cre/loxP-mediated gene amplification system achieve highly specific neuronal expression in animal brains. <i>Gene Therapy</i> , 2006, 13, 1244-1250.	2.3	10
98	Identification and functional characterization of mouse TPO1 as a myelin membrane protein. <i>Brain Research</i> , 2006, 1070, 1-14.	1.1	6
99	Targeted gene therapy toward astrocytoma using a Cre/loxP-based adenovirus system. <i>Brain Research</i> , 2006, 1081, 34-43.	1.1	17
100	Annexin III implicated in the microglial response to motor nerve injury. <i>Glia</i> , 2006, 53, 723-732.	2.5	39
101	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
102	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
103	Noxa Is a Critical Mediator of p53-Dependent Motor Neuron Death after Nerve Injury in Adult Mouse. <i>Journal of Neuroscience</i> , 2005, 25, 1442-1447.	1.7	74
104	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
105	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
106	The p53-independent nuclear translocation of Cyclin G1 in degenerating neurons by ischemic and traumatic insults. <i>Experimental Neurology</i> , 2005, 193, 350-360.	2.0	13
107	Cell Type-Specific Intervention of Transforming Growth Factor $\beta$ 2/Smad Signaling Suppresses Collagen Gene Expression and Hepatic Fibrosis in Mice. <i>Gastroenterology</i> , 2005, 129, 259-268.	0.6	85
108	Critical Role for DP5/Harakiri, a Bcl-2 Homology Domain 3-Only Bcl-2 Family Member, in Axotomy-Induced Neuronal Cell Death. <i>Journal of Neuroscience</i> , 2004, 24, 3721-3725.	1.7	76

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109	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
110	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
111	Transient adenoviral gene transfer of Smad7 prevents injury-induced epithelial to mesenchymal transition of lens epithelium in mice. <i>Laboratory Investigation</i> , 2004, 84, 1259-1270.	1.7	75
112	Comparison of mice deficient in the high- or low-affinity neurotensin receptors, Ntsr1 or Ntsr2, reveals a novel function for Ntsr2 in thermal nociception. <i>Brain Research</i> , 2004, 998, 122-129.	1.1	67
113	Differential regulation of the regulatory subunits for phosphatidylinositol 3-kinase in response to motor nerve injury. <i>Molecular Brain Research</i> , 2004, 131, 119-125.	2.5	8
114	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
115	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
116	Brain-derived neurotrophic factor rescues neuronal death induced by methamphetamine. <i>Biological Psychiatry</i> , 2004, 55, 52-60.	0.7	43
117	Dine (Damage-Induced Neuronal Endopeptidase). <i>Protein and Peptide Letters</i> , 2004, 11, 451-460.	0.4	8
118	Ubiquitin carboxy-terminal hydrolase L1 binds to and stabilizes monoubiquitin in neuron. <i>Human Molecular Genetics</i> , 2003, 12, 1945-1958.	1.4	328
119	Cavernous nerve injury elicits GAP-43 mRNA expression but not regeneration of injured pelvic ganglion neurons. <i>Brain Research</i> , 2003, 986, 166-173.	1.1	21
120	Collapsin response mediator protein-2 accelerates axon regeneration of nerve-injured motor neurons of rat. <i>Journal of Neurochemistry</i> , 2003, 86, 1042-1050.	2.1	76
121	Biphasic expression of activating transcription factor-3 in neurons after cerebral infarction. <i>Molecular Brain Research</i> , 2003, 115, 147-156.	2.5	40
122	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
123	Increased expression of mRNAs for microtubule disassembly molecules during nerve regeneration. <i>Molecular Brain Research</i> , 2002, 102, 105-109.	2.5	22
124	Inflammation induces serine protease inhibitor 3 expression in the rat pineal gland. <i>Neuroscience</i> , 2002, 113, 387-394.	1.1	22
125	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
126	Developmental alteration of nerve injury induced glial cell line-derived neurotrophic factor (GDNF) receptor expression is crucial for the determination of injured motoneuron fate. <i>Journal of Neurochemistry</i> , 2002, 82, 961-975.	2.1	22



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127	Enhancement of Extracellular Glutamate Scavenge System in Injured Motoneurons. <i>Journal of Neurochemistry</i> , 2002, 71, 913-919.	2.1	28
128	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
129	Neprilysin Degrades Both Amyloid $\beta$ Peptides 1-40 and 1-42 Most Rapidly and Efficiently among Thiorphan- and Phosphoramidon-sensitive Endopeptidases. <i>Journal of Biological Chemistry</i> , 2001, 276, 21895-21901.	1.6	282
130	Requirement of Ras for the Activation of Mitogen-Activated Protein Kinase by Calcium Influx, cAMP, and Neurotrophin in Hippocampal Neurons. <i>Journal of Neuroscience</i> , 2001, 21, 6459-6466.	1.7	67
131	Constitutive nitric oxide synthase is associated with retinal vascular permeability in early diabetic rats. <i>Diabetologia</i> , 2001, 44, 1043-1050.	2.9	64
132	Inhibition of Ras extracellular-signal-regulated kinase (ERK) mediated signaling promotes ciliary neurotrophic factor (CNTF) expression in Schwann cells. <i>Journal of Neurochemistry</i> , 2001, 77, 700-703.	2.1	21
133	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
134	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
135	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
136	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. <i>Journal of Biological Chemistry</i> , 2001, 276, 36632-36638.	1.6	25
137	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
138	GAP-43 N-terminal translocation signal targets $\beta$ -galactosidase to developing axons in a pan-neuronal transgenic mouse line. <i>Developmental Brain Research</i> , 2000, 121, 109-112.	2.1	7
139	Morphological changes and expression of protein kinase CK2 beta subunit in the microglia after hypoglossal nerve transection. , 2000, 29, 61-66.		3
140	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
141	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
142	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
143	Identification of a Novel WD Repeat-Containing Gene Predominantly Expressed in Developing and Regenerating Neurons. <i>Journal of Biochemistry</i> , 2000, 128, 923-932.	0.9	18
144	Nerve Growth Factor Protects Oligodendrocytes from Tumor Necrosis Factor- $\alpha$ -induced Injury through Akt-mediated Signaling Mechanisms. <i>Journal of Biological Chemistry</i> , 2000, 275, 16360-16365.	1.6	44

#	ARTICLE	IF	CITATIONS
145	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. <i>Neuroscience</i> , 2000, 101, 441-449.	1.1	70
146	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
147	Insulin-induced hypoglycemia activates a chemokinergetic neuronal pathway in the hypothalamo-pituitary system. <i>Neuropeptides</i> , 1999, 33, 271-275.	0.9	4
148	A novel mammalian T-box-containing gene, <i>Tbr2</i> , expressed in mouse developing brain. <i>Developmental Brain Research</i> , 1999, 115, 183-193.	2.1	54
149	Nitric oxide in the flocculus works the inhibitory neural circuits after unilateral labyrinthectomy. <i>Brain Research</i> , 1999, 815, 405-409.	1.1	22
150	Expression of gicerin, a novel cell adhesion molecule, is upregulated in the astrocytes after hypoglossal nerve injury in rats. <i>Neuroscience Letters</i> , 1999, 260, 149-152.	1.0	9
151	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
152	IPP isomerase, an enzyme of mevalonate pathway, is preferentially expressed in postnatal cortical neurons and induced after nerve transection. <i>Molecular Brain Research</i> , 1999, 67, 231-238.	2.5	4
153	Discordant expression of c-Ret and glial cell line-derived neurotrophic factor receptor alpha-1 mRNAs in response to motor nerve injury in neonate rats. <i>Molecular Brain Research</i> , 1999, 70, 298-303.	2.5	14
154	Alternative expression of Shc family members in nerve-injured motoneurons. <i>Molecular Brain Research</i> , 1998, 53, 291-296.	2.5	26
155	Enhanced expression of 14-3-3 family members in injured motoneurons. <i>Molecular Brain Research</i> , 1998, 55, 315-320.	2.5	43
156	Unilateral labyrinthectomy downregulates glutamate receptor $\hat{1}$ -2 expression in the rat vestibulocerebellum. <i>Molecular Brain Research</i> , 1998, 61, 170-178.	2.5	26
157	Up-regulation of thioredoxin expression in motor neurons after nerve injury. <i>Molecular Brain Research</i> , 1998, 62, 86-91.	2.5	30
158	A sequence-specific splicing activator, <i>Tra2<math>\hat{1}</math>2</i> , is up-regulated in response to nerve injury. <i>Molecular Brain Research</i> , 1998, 62, 220-223.	2.5	17
159	An Implication of Protein Phosphatase 2A- $\hat{A}$ Y in the Rat Flocculus for Lesion-induced Vestibular Plasticity. <i>Acta Oto-Laryngologica</i> , 1998, 118, 685-691.	0.3	11
160	Noxious stimulation enhances release of cytokine-induced neutrophil chemoattractant from hypothalamic neurosecretory cells. <i>Neuroscience Research</i> , 1997, 27, 181-184.	1.0	16
161	Expression of Glycine max (soybean agglutinin) binding molecule in injured motoneurons and its specific localization in the extracellular matrix between injured neurons and microglia. <i>Neuroscience Research</i> , 1997, 27, 271-275.	1.0	5
162	Localization of molecules involved in cytokine receptor signaling in the rat trigeminal ganglion. <i>Molecular Brain Research</i> , 1997, 44, 163-166.	2.5	5

#	ARTICLE	IF	CITATIONS
163	Cytokine-induced neutrophil chemoattractant gene expression in the rat hypothalamus by osmotic stimulation. <i>Molecular Brain Research</i> , 1997, 52, 326-329.	2.5	18
164	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
165	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
166	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
167	Expression of vasoactive intestinal polypeptide receptor mRNA and secretory regulation by vasoactive intestinal polypeptide in rat submandibular and sublingual salivary glands. <i>Archives of Oral Biology</i> , 1997, 42, 197-204.	0.8	7
168	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
169	Differential expression of oxytocin receptor mRNA in the developing rat brain. <i>Neuroscience Research</i> , 1996, 24, 291-304.	1.0	56
170	A stress-sensitive chemokinergetic neuronal pathway in the hypothalamo-pituitary system. <i>Neuroscience</i> , 1996, 75, 133-142.	1.1	28
171	Cloning and characterization of the rat neurotensin receptor gene promoter. <i>Molecular Brain Research</i> , 1996, 40, 97-104.	2.5	9
172	Distinct localization of two serine/threonine kinase receptors for activin and TGF- $\beta$ 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
173	Molecular cloning of the rat NADH:ubiquinone oxidoreductase subunit and its up-regulation in the facial muscle after denervation: Detected by means of differential display. <i>Neurological Research</i> , 1996, 18, 329-336.	0.6	11
174	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
175	Characteristic Localization of gpl30 (the Signal-transducing Receptor Component Used in Common) Tj ETQq1 1 0.784314 rgBT /Over 1.2 66	1.2	66
176	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
177	Up-regulation of PKA RI $\alpha$ subunit mRNA in rat skeletal muscle after nerve injury. <i>NeuroReport</i> , 1995, 6, 1050-1052.	0.6	8
178	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
179	Effects of MK801 on Fos expression in the rat brainstem after unilateral labyrinthectomy. <i>Brain Research</i> , 1995, 700, 182-190.	1.1	72
180	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

#	ARTICLE	IF	CITATIONS
181	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
182	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
183	Colchicine induces the GAP-43 gene expression in rat hypothalamus. <i>Molecular Brain Research</i> , 1995, 30, 373-377.	2.5	5
184	Dexamethasone enhances level of GAP-43 mRNA after nerve injury and facilitates re-projection of the hypoglossal nerve. <i>Molecular Brain Research</i> , 1995, 32, 308-312.	2.5	14
185	GAP-43 mRNA suppression by the ribozyme in PC12 cells and inhibition of evoked dopamine release. <i>Molecular Brain Research</i> , 1995, 32, 338-341.	2.5	13
186	Role of amino acids in salivation and the localization of their receptors in the rat salivary gland. <i>Molecular Brain Research</i> , 1995, 33, 261-268.	2.5	16
187	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
188	Differential expression of Notch1 and Notch2 in developing and adult mouse brain. <i>Molecular Brain Research</i> , 1995, 29, 263-272.	2.5	61
189	Up-regulation of ferritin heavy chain mRNA expression in the rat skeletal muscle after denervation: detected by means of differential display. <i>Neuroscience Research</i> , 1995, 23, 353-360.	1.0	15
190	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
191	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
192	Expression of glutamate (AMPA type) and $\hat{1}^3$ -aminobutyric acid (GABA) <sub>A</sub> receptors in the rat caudal trigeminal spinal nucleus. <i>Neuroscience Letters</i> , 1995, 186, 169-172.	1.0	33
193	Growth Factors and Extracellular Signal-Regulated Kinases (Mitogen-Activated Protein Kinase) in the Rat Pineal Gland. <i>Neuroendocrinology</i> , 1994, 59, 152-155.	1.2	7
194	Gene transfer and the expression of a foreign gene in vivo in post-mitotic neurons of the adult rat brain using the hemagglutinating virus of the Japan-liposome method. <i>Molecular Brain Research</i> , 1994, 25, 359-363.	2.5	15
195	Coexpression of GABA <sub>A</sub> receptor $\hat{1}^3$ 1 and $\hat{1}^3$ 2 subunits in the rat trigeminal ganglion. <i>Molecular Brain Research</i> , 1994, 21, 363-367.	2.5	26
196	The Production of CINC/gro, a Member of the Interleukin-8 Family, in Rat Anterior Pituitary Gland. <i>Biochemical and Biophysical Research Communications</i> , 1994, 202, 161-167.	1.0	24
197	Expression of GABA <sub>A</sub> receptor $\hat{1}^3$ 1 and $\hat{1}^3$ 2 subunits in the peripheral vestibular system of the rat. <i>Brain Research</i> , 1994, 650, 157-160.	1.1	14
198	Occurrence of galanin-like immunoreactivity in vestibular and cochlear efferent neurons after labyrinthectomy in the rat. <i>Brain Research</i> , 1994, 644, 135-143.	1.1	17

#	ARTICLE	IF	CITATIONS
199	Differential regulation of phospholipase C isozymes in the rat facial nucleus following axotomy. <i>Neuroscience</i> , 1994, 59, 121-129.	1.1	16
200	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
201	Gene regulation of cyclic amp-dependent protein kinase subunits (CÎ±,Î²; RÎ±, Î² and RÎ±,Î²) in rat facial motoneurons after nerve transection. <i>Neuroscience</i> , 1994, 63, 1101-1109.	1.1	5
202	Marginal topography of neurons expressing the substance P receptor in the rat suprachiasmatic nucleus. <i>Molecular Brain Research</i> , 1994, 21, 157-161.	2.5	13
203	Up-regulation of GAP-43 ( ) gene expression in vestibular efferent neurons following labyrinthectomy in the rat: In situ hybridization using an alkaline phosphatase-labeled probe. <i>Hearing Research</i> , 1994, 80, 123-127.	0.9	6
204	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
205	Regulation of Src Family Kinases in the Developing Rat Brain: Correlation with Their Regulator Kinase, Csk1. <i>Journal of Biochemistry</i> , 1994, 116, 386-392.	0.9	23
206	Neurotensin transcription is oppositely regulated during development and regeneration. <i>NeuroReport</i> , 1994, 5, 1589-1592.	0.6	2
207	Chemical Neuro-Circuit from a Receptor Aspect.. <i>Acta Histochemica Et Cytochemica</i> , 1994, 27, 1-9.	0.8	5
208	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
209	Identification of the metabotropic glutamate receptor-1 protein in the rat trigeminal ganglion. <i>Brain Research</i> , 1993, 627, 341-344.	1.1	13
210	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
211	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
212	Changes in preproenkephalin mRNA after unilateral and bilateral labyrinthectomy in the rat medial vestibular nucleus. <i>Molecular Brain Research</i> , 1993, 19, 237-240.	2.5	24
213	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
214	Region-specific expression of subunits of ionotropic glutamate receptors (AMPA-type, KA-type and) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Research</i> , 1993, 18, 141-151.	2.5	180
215	Sympathetic and parasympathetic ganglia express non-NMDA type glutamate receptors: distinct receptor subunit composition in the principle and SIF cells. <i>Molecular Brain Research</i> , 1993, 19, 345-348.	2.5	16
216	The differential expression patterns of messenger RNAs encoding non-N-methyl-d-aspartate glutamate receptor subunits (GluR1â€“4) in the rat brain. <i>Neuroscience</i> , 1993, 52, 515-539.	1.1	302

#	ARTICLE	IF	CITATIONS
217	Synaptic contact between vestibular afferent nerve and cholinergic efferent terminal: its putative mediation by nicotinic receptors. <i>Molecular Brain Research</i> , 1993, 18, 343-346.	2.5	19
218	Differential immunocytochemical localization of GABAA receptor $\hat{1}\beta 1$ and $\hat{1}\beta 2$ subunits in the rat brain. <i>Molecular Brain Research</i> , 1993, 20, 263-266.	2.5	14
219	Expression of muscarinic and nicotinic receptor mRNA in the salivary gland of rats: a study by in situ hybridization histochemistry. <i>Molecular Brain Research</i> , 1993, 17, 335-339.	2.5	12
220	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
221	AMPA, KA and NMDA receptors are expressed in the rat DRG neurones. <i>NeuroReport</i> , 1993, 4, 1263-1265.	0.6	205
222	Gene Expression of KA Type and NMDA Receptors and of a Glycine Transporter in the Rat Pineal Gland. <i>Neuroendocrinology</i> , 1993, 58, 77-79.	1.2	21
223	Postnatal development of mRNA specific for a metabotropic glutamate receptor in the rat brain. <i>Neuroscience Research</i> , 1992, 15, 58-63.	1.0	20
224	Different postnatal development of cells expressing mRNA encoding neurotensin receptor. <i>Neuroscience</i> , 1992, 48, 137-149.	1.1	48
225	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
226	Localization of GABAA-receptor $\hat{1}\beta 2$ -subunit mRNA-containing neurons in the rat central nervous system. <i>Neuroscience</i> , 1992, 47, 45-61.	1.1	52
227	The GABAA receptor $\hat{1}\beta 1$ subunit is expressed by distinct neuronal populations. <i>Molecular Brain Research</i> , 1992, 15, 121-132.	2.5	69
228	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
229	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
230	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
231	Dopaminergic D1 and D2 receptor antagonists decrease prosomatostatin mRNA expression in rat striatum. <i>Neuroscience</i> , 1991, 44, 35-44.	1.1	36
232	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
233	Transient expression of neurotensin mRNA in the mitral cells of rat olfactory bulb during development. <i>Neuroscience Letters</i> , 1991, 128, 85-89.	1.0	10
234	The transient appearance of proneurotensin mRNA in the rat hypoglossal nucleus during development. <i>Developmental Brain Research</i> , 1991, 58, 293-296.	2.1	6

#	ARTICLE	IF	CITATIONS
235	Colchicine-induced expression of proneurotensin mRNA in rat striatum and hypothalamus. <i>Molecular Brain Research</i> , 1991, 9, 353-358.	2.5	58
236	Developmental control over vitamin-D-induced calbindin gene expression during early differentiation of chicken jejunal enterocytes. <i>Differentiation</i> , 1991, 46, 69-75.	1.0	14
237	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. <i>Journal of Comparative Neurology</i> , 1991, 310, 300-315.	0.9	23
238	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
239	Electrical activation and c-fos mRNA expression in rat neurosecretory neurones after systemic administration of cholecystokinin.. <i>Journal of Physiology</i> , 1991, 444, 51-63.	1.3	73
240	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
241	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
242	Effects of constant light and darkness on the intrapineal neurons of golden hamsters, stained for tyrosine hydroxylase A morphometric analysis. <i>Journal of Neural Transmission</i> , 1990, 82, 231-237.	1.4	2
243	Postnatal development of preproenkephalin mRNA containing neurons in the rat lower brainstem. <i>Journal of Comparative Neurology</i> , 1990, 292, 193-213.	0.9	22
244	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
245	Adenosine 3'â€™,5'â€™-Cyclic Monophosphate Enhances Dopamine Accumulation in Rat Hypothalamic Cell Culture Containing Dopaminergic Neurons. <i>Neuroendocrinology</i> , 1990, 52, 256-261.	1.2	30
246	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
247	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
248	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
249	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
250	Involvement of Extracellular Calcium and Arachidonate in [ <sup>3</sup> H] Dopamine Release from Rat Tuberoinfundibular Neurons. <i>Neuroendocrinology</i> , 1989, 50, 481-487.	1.2	25
251	An Electron Microscopic Immunocytochemical Study on the Tyrosine Hydroxylase-Positive, Dopamine Beta-Hydroxylase-Negative Cells in the Pineal Gland of Golden Hamsters. <i>Journal of Neuroendocrinology</i> , 1989, 1, 423-426.	1.2	5
252	Preproenkephalin gene expression in the rat spinal cord after noxious stimuli. <i>Molecular Brain Research</i> , 1989, 5, 227-234.	2.5	71

#	ARTICLE	IF	CITATIONS
253	Ontogeny of tyrosine hydroxylase-positive but dopamine $\hat{I}^2$ -hydroxylase-negative neuron-like cells in the pineal gland of golden hamsters. <i>Neuroscience Letters</i> , 1989, 97, 41-45.	1.0	6
254	Co-localization of adrenergic receptors and vitamin-D-dependent calcium-binding protein (calbindin) in the dopaminergic amacrine cells of the rat retina. <i>Neuroscience Research</i> , 1989, 7, 257-263.	1.0	11
255	Ontogeny of calcitonin gene-related peptide in the organ of Corti of the rat. <i>Developmental Brain Research</i> , 1989, 45, 309-312.	2.1	19
256	Postnatal ontogeny of POMC gene expression in the rat pituitary: an analysis by in situ hybridization histochemistry. <i>Developmental Brain Research</i> , 1989, 47, 53-58.	2.1	8
257	Immunocytochemical localization of $\hat{I}^2$ -adrenergic receptors in the rat brain. <i>Brain Research</i> , 1989, 485, 125-140.	1.1	88
258	Coexistence of enkephalin and somatostatin in the chicken retina. <i>Brain Research</i> , 1989, 489, 254-260.	1.1	24
259	Distribution of the $\hat{I}^{\circ}$ -conotoxin receptor in rat brain. An autoradiographic mapping. <i>Neuroscience</i> , 1989, 32, 405-416.	1.1	57
260	Autoradiographic visualization in rat brain of receptors for $\hat{I}^{\circ}$ -conotoxin GVIA, a newly discovered calcium antagonist. <i>Brain Research</i> , 1988, 451, 386-389.	1.1	37
261	Neurotensin-containing projections from the retrosplenial cortex to the anterior ventral thalamic nucleus in the rat. <i>Neuroscience</i> , 1988, 26, 819-826.	1.1	11
262	Morphological demonstration of retinal neuroreceptors and mRNA: Immunohistochemical demonstration of adrenergic receptor and visualization of preprotachykinin A mRNA by hybridization histochemistry. <i>Neuroscience Research Supplement: the Official Journal of the Japan Neuroscience Society</i> , 1988, 8, S167-S181.	0.0	2
263	Immunohistochemical demonstration of tyrosine hydroxylase (TH)-positive but dopamine $\hat{I}^2$ -hydroxylase (DBH)-negative neuron-like cells in the pineal gland of golden hamsters. <i>Neuroscience Letters</i> , 1988, 93, 28-31.	1.0	19
264	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
265	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
266	Demonstration of histaminergic neurons in horizontal cells of guinea pig retina. <i>Brain Research</i> , 1987, 410, 269-274.	1.1	18
267	Immunocytochemical localizations of cytosolic and mitochondrial glutamic oxaloacetic transaminase isozymes in rat primary sensory neurons as a marker for the glutamate neuronal system. <i>Brain Research</i> , 1987, 402, 197-200.	1.1	24
268	Mammillothalamic enkephalinergic pathway in the rat: an immunocytochemical analysis. <i>Brain Research</i> , 1987, 401, 1-8.	1.1	15
269	Neuromodulators in the retina: An immunohistochemical analysis. <i>Neuroscience Research Supplement: the Official Journal of the Japan Neuroscience Society</i> , 1987, 6, S205-S225.	0.0	1
270	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



#	ARTICLE	IF	CITATIONS
271	Ontogeny of substance P-containing structures in the chicken retina: Immunohistochemical analysis. <i>Developmental Brain Research</i> , 1986, 30, 37-45.	2.1	12
272	An immunohistochemical study on the river lamprey retina. <i>Brain Research</i> , 1986, 362, 389-393.	1.1	34
273	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
274	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
275	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
276	Immunohistochemical demonstration of histamine N-methyltransferase-like structures in rat kidney. <i>Cell and Tissue Research</i> , 1986, 243, 681-4.	1.5	13
277	Co-existence of glucagon- and substance P-like immunoreactivity in the chicken retina. <i>Neuroscience</i> , 1985, 16, 417-424.	1.1	29
278	Localization of chick retinal visinin-like immunoreactivity in the rat forebrain and diencephalon. <i>Neuroscience</i> , 1985, 15, 667-675.	1.1	16
279	Three dimensional analysis of retinal neuropeptides and amine in the chick. <i>Brain Research Bulletin</i> , 1985, 15, 155-165.	1.4	46
280	Localization of chick retinal 24,000 dalton protein (visinin)-like immunoreactivity in the rat lower brain stem. <i>Neuroscience</i> , 1985, 14, 547-556.	1.1	19
281	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
282	Immunocytochemical localizations of cytosolic and mitochondrial glutamic oxaloacetic transaminase isozymes in rat retina as markers for the glutamate-aspartate neuronal system. <i>Brain Research</i> , 1985, 325, 336-339.	1.1	23
283	So-called interplexiform cells immunoreactive to tyrosine hydroxylase or somatostatin in rat retina. <i>Brain Research</i> , 1985, 346, 136-140.	1.1	43
284	Coexistence of pancreatic polypeptide and substance P in the chicken retina. <i>Brain Research</i> , 1985, 361, 25-35.	1.1	28
285	Occurrence of calcitonin gene-related peptide in the chicken amacrine cells. <i>Brain Research</i> , 1985, 327, 367-369.	1.1	32
286	Immunohistochemical localization of chick retinal 24 kdalton protein (visinin) in various vertebrate retinae. <i>Brain Research</i> , 1985, 331, 209-215.	1.1	55
287	Ontogeny of visinin-like immunoreactive structures in the rat cerebellum and vestibular nuclei: An immunohistochemical analysis. <i>Developmental Brain Research</i> , 1985, 22, 247-253.	2.1	10
288	A simple method for the separation of retinal sublayers from the entire retina with special reference to application for cell culture. <i>Journal of Neuroscience Methods</i> , 1984, 10, 229-235.	1.3	17

#	ARTICLE	IF	CITATIONS
289	Immunoreactive avian pancreatic polypeptide in the chicken retina: overall distribution. Brain Research, 1984, 310, 164-167.	1.1	12
290	Cholecystokinin-8-like immunoreactive neuron pathway from the supramammillary region to the ventral tegmental nucleus of Gudden of the rat. Brain Research, 1984, 304, 397-400.	1.1	10
291	Corticotropin-releasing factor in the amacrine cells of the chicken retina. Brain Research, 1984, 298, 197-200.	1.1	22
292	CCK pathway from supramammillary region to the nucleus anterior ventralis thalami of the young rats. Peptides, 1984, 5, 889-893.	1.2	14
293	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.	0.9	95
294	An intracellular study of the optic tectum of the carp in vitro. Neuroscience Letters, 1983, 38, 17-22.	1.0	9
295	Ontogeny of cholecystokinin-8 containing neuron system of the rat: An immunohistochemical analysis. II. Lower brain stem. Neuroscience, 1983, 10, 1341-1359.	1.1	44