

Hiroyuki Nawa

List of Publications by Year in descending order

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155
papers

11,541
citations

30070

54
h-index

29157

104
g-index

157
all docs

157
docs citations

157
times ranked

11419
citing authors

#	ARTICLE	IF	CITATIONS
1	EGF Downregulates Presynaptic Maturation and Suppresses Synapse Formation In Vitro and In Vivo. <i>Neurochemical Research</i> , 2022, , 1.	3.3	1
2	The dual role of dopamine in the modulation of information processing in the prefrontal cortex underlying social behavior. <i>FASEB Journal</i> , 2022, 36, e22160.	0.5	6
3	Elevation of EGR1/zif268, a Neural Activity Marker, in the Auditory Cortex of Patients with Schizophrenia and its Animal Model. <i>Neurochemical Research</i> , 2022, , 1.	3.3	3
4	Resting-state dopaminergic cell firing in the ventral tegmental area negatively regulates affiliative social interactions in a developmental animal model of schizophrenia. <i>Translational Psychiatry</i> , 2021, 11, 236.	4.8	14
5	Interbreeder differences in prepulse inhibition deficits of C57BL/6J mice in a maternal immune activation model. <i>Neuropsychopharmacology Reports</i> , 2021, 41, 416-421.	2.3	11
6	The dopamine D2 agonist quinpirole impairs frontal mismatch responses to sound frequency deviations in freely moving rats. <i>Neuropsychopharmacology Reports</i> , 2021, 41, 405-415.	2.3	1
7	Perinatal Epidermal Growth Factor Signal Perturbation Results in the Series of Abnormal Auditory Oscillations and Responses Relevant to Schizophrenia. <i>Schizophrenia Bulletin Open</i> , 2021, 2, .	1.7	5
8	Rat Call-Evoked Electrocorticographic Responses and Intercortical Phase Synchrony Impaired in a Cytokine-Induced Animal Model for Schizophrenia. <i>Neuroscience Research</i> , 2021, , .	1.9	5
9	Sound frequency dependence of duration mismatch negativity recorded from awake rats. <i>Neuropsychopharmacology Reports</i> , 2020, 40, 96-101.	2.3	3
10	Post-pubertal Difference in Nigral Dopaminergic Cells Firing in the Schizophrenia Model Prepared by Perinatal Challenges of a Cytokine, EGF. <i>Neuroscience</i> , 2020, 441, 22-32.	2.3	5
11	ALDH4A1 expression levels are elevated in postmortem brains of patients with schizophrenia and are associated with genetic variants in enzymes related to proline metabolism. <i>Journal of Psychiatric Research</i> , 2020, 123, 119-127.	3.1	8
12	Assessment of Root and Root Canal Shapes of Supernumerary Teeth in Maxillary Incisor Region Using Cone-Beam Computed Tomography. <i>Journal of Hard Tissue Biology</i> , 2020, 29, 85-90.	0.4	0
13	Clozapine-dependent inhibition of EGF/neuregulin receptor (ErbB) kinases. <i>Translational Psychiatry</i> , 2019, 9, 181.	4.8	7
14	Neonatal exposure to an inflammatory cytokine, epidermal growth factor, results in the deficits of mismatch negativity in rats. <i>Scientific Reports</i> , 2019, 9, 7503.	3.3	20
15	Effects of the α^{141C} insertion/deletion polymorphism in the dopamine D2 receptor gene on the dopamine system in the striatum in patients with schizophrenia. <i>Psychiatry Research</i> , 2018, 264, 116-118.	3.3	2
16	USP10 Is a Driver of Ubiquitinated Protein Aggregation and Aggresome Formation to Inhibit Apoptosis. <i>IScience</i> , 2018, 9, 433-450.	4.1	32
17	Pathological alterations of chondroitin sulfate moiety in postmortem hippocampus of patients with schizophrenia. <i>Psychiatry Research</i> , 2018, 270, 940-946.	3.3	12
18	Human-specific features of spatial gene expression and regulation in eight brain regions. <i>Genome Research</i> , 2018, 28, 1097-1110.	5.5	66

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19	Epidermal growth factor signals attenuate phenotypic and functional development of neocortical GABA neurons. <i>Journal of Neurochemistry</i> , 2017, 142, 886-900.	3.9	16
20	Striatal hypodopamine phenotypes found in transgenic mice that overexpress glial cell line-derived neurotrophic factor. <i>Neuroscience Letters</i> , 2017, 654, 99-106.	2.1	4
21	Advanced glycation end products induce brain-derived neurotrophic factor release from human platelets through the Src-family kinase activation. <i>Cardiovascular Diabetology</i> , 2017, 16, 20.	6.8	11
22	Glutamate-dependent ectodomain shedding of neuregulin-1 type II precursors in rat forebrain neurons. <i>PLoS ONE</i> , 2017, 12, e0174780.	2.5	20
23	Perinatal Exposure to Neuregulin-1 Results in Disinhibition of Adult Midbrain Dopaminergic Neurons: Implication in Schizophrenia Modeling. <i>Scientific Reports</i> , 2016, 6, 22606.	3.3	14
24	Neurobehavioral Differences Between Mice Receiving Distinct Neuregulin Variants as Neonates; Impact on Sensitivity to MK-801. <i>Current Molecular Medicine</i> , 2015, 15, 222-236.	1.3	10
25	Pathological Implications of Oxidative Stress in Patients and Animal Models with Schizophrenia: The Role of Epidermal Growth Factor Receptor Signaling. <i>Current Topics in Behavioral Neurosciences</i> , 2015, 29, 429-446.	1.7	15
26	Schisandrin B Ameliorates ICV-Infused Amyloid β Induced Oxidative Stress and Neuronal Dysfunction through Inhibiting RAGE/NF- κ B/MAPK and Up-Regulating HSP/Beclin Expression. <i>PLoS ONE</i> , 2015, 10, e0142483.	2.5	66
27	Neuropathologic Implication of Peripheral Neuregulin-1 and EGF Signals in Dopaminergic Dysfunction and Behavioral Deficits Relevant to Schizophrenia: Their Target Cells and Time Window. <i>BioMed Research International</i> , 2014, 2014, 1-12.	1.9	28
28	A possible link between BDNF and mTOR in control of food intake. <i>Frontiers in Psychology</i> , 2014, 5, 1093.	2.1	46
29	Elevated postmortem striatal t-DARPP expression in schizophrenia and associations with DRD2/ANKK1 polymorphism. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2014, 53, 123-128.	4.8	16
30	Increased L1 Retrotransposition in the Neuronal Genome in Schizophrenia. <i>Neuron</i> , 2014, 81, 306-313.	8.1	277
31	mTOR signaling and its roles in normal and abnormal brain development. <i>Frontiers in Molecular Neuroscience</i> , 2014, 7, 28.	2.9	239
32	Neurobehavioral deficits of epidermal growth factor-overexpressing transgenic mice: Impact on dopamine metabolism. <i>Neuroscience Letters</i> , 2013, 547, 21-25.	2.1	14
33	ErbB1-4-dependent EGF/neuregulin signals and their cross talk in the central nervous system: pathological implications in schizophrenia and Parkinson's disease. <i>Frontiers in Cellular Neuroscience</i> , 2013, 7, 4.	3.7	101
34	AMP-activated protein kinase counteracts brain-derived neurotrophic factor-induced mammalian target of rapamycin complex 1 signaling in neurons. <i>Journal of Neurochemistry</i> , 2013, 127, 66-77.	3.9	43
35	Exposure to the cytokine EGF leads to abnormal hyperactivity of pallidal GABA neurons: implications for schizophrenia and its modeling. <i>Journal of Neurochemistry</i> , 2013, 126, 518-528.	3.9	15
36	ErbB2 Dephosphorylation and Anti-Proliferative Effects of Neuregulin-1 in ErbB2-Overexpressing Cells; Re-evaluation of Their Low-Affinity Interaction. <i>Scientific Reports</i> , 2013, 3, 1402.	3.3	7

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37	Cell Surface Expression of the Major Amyloid- β Peptide (A β)-degrading Enzyme, Neprilysin, Depends on Phosphorylation by Mitogen-activated Protein Kinase/Extracellular Signal-regulated Kinase Kinase (MEK) and Dephosphorylation by Protein Phosphatase 1a. <i>Journal of Biological Chemistry</i> , 2012, 287, 29362-29372.	3.4	35
38	Experimental Schizophrenia Models in Rodents Established with Inflammatory Agents and Cytokines. <i>Methods in Molecular Biology</i> , 2012, 829, 445-451.	0.9	15
39	In vitro production of an active neurotrophic factor, neuregulin-1: Qualitative comparison of different cell-free translation systems. <i>Neuroscience Letters</i> , 2011, 497, 90-93.	2.1	1
40	mRNA distribution of the thalidomide binding protein cereblon in adult mouse brain. <i>Neuroscience Research</i> , 2011, 69, 343-347.	1.9	19
41	Pallidal Hyperdopaminergic Innervation Underlying D2 Receptor-Dependent Behavioral Deficits in the Schizophrenia Animal Model Established by EGF. <i>PLoS ONE</i> , 2011, 6, e25831.	2.5	33
42	Qualitative and quantitative reevaluation of epidermal growth factor-ErbB1 action on developing midbrain dopaminergic neurons <i>in vivo</i> and <i>in vitro</i> : target-derived neurotrophic signaling (Part 1). <i>Journal of Neurochemistry</i> , 2011, 118, 45-56.	3.9	31
43	Dopamine-dependent ectodomain shedding and release of epidermal growth factor in developing striatum: target-derived neurotrophic signaling (Part 2). <i>Journal of Neurochemistry</i> , 2011, 118, 57-68.	3.9	21
44	Reproducibility of landmark identification in the jaw and teeth on 3-dimensional cone-beam computed tomography images. <i>Angle Orthodontist</i> , 2011, 81, 843-849.	2.4	27
45	Neuregulin-1 Signals from the Periphery Regulate AMPA Receptor Sensitivity and Expression in GABAergic Interneurons in Developing Neocortex. <i>Journal of Neuroscience</i> , 2011, 31, 5699-5709.	3.6	63
46	Antipsychotic Potential of Quinazoline ErbB1 Inhibitors in a Schizophrenia Model Established With Neonatal Hippocampal Lesioning. <i>Journal of Pharmacological Sciences</i> , 2010, 114, 320-331.	2.5	17
47	Measurement and comparison of serum neuregulin 1 immunoreactivity in control subjects and patients with schizophrenia: an influence of its genetic polymorphism. <i>Journal of Neural Transmission</i> , 2010, 117, 887-895.	2.8	47
48	The anthraquinone derivative emodin attenuates methamphetamine-induced hyperlocomotion and startle response in rats. <i>Pharmacology Biochemistry and Behavior</i> , 2010, 97, 392-398.	2.9	13
49	Molecular characterization and gene disruption of a novel zinc-finger protein, HIT4, expressed in rodent brain. <i>Journal of Neurochemistry</i> , 2010, 112, 1035-1044.	3.9	6
50	Cytokine hypothesis of schizophrenia pathogenesis: Evidence from human studies and animal models. <i>Psychiatry and Clinical Neurosciences</i> , 2010, 64, 217-230.	1.8	177
51	Association of the HSPG2 Gene with Neuroleptic-Induced Tardive Dyskinesia. <i>Neuropsychopharmacology</i> , 2010, 35, 1155-1164.	5.4	57
52	Supportive Evidence for Reduced Expression of GNB1L in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2010, 36, 756-765.	4.3	23
53	Brain Cannabinoid CB2 Receptor in Schizophrenia. <i>Biological Psychiatry</i> , 2010, 67, 974-982.	1.3	163
54	Activation of mammalian target of rapamycin signaling in spatial learning. <i>Neuroscience Research</i> , 2010, 68, 88-93.	1.9	35

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55	Phenotypic Characterization of Transgenic Mice Overexpressing Neuregulin-1. <i>PLoS ONE</i> , 2010, 5, e14185.	2.5	102
56	Brain-derived Neurotrophic Factor Enhances the Basal Rate of Protein Synthesis by Increasing Active Eukaryotic Elongation Factor 2 Levels and Promoting Translation Elongation in Cortical Neurons. <i>Journal of Biological Chemistry</i> , 2009, 284, 26340-26348.	3.4	47
57	Prostaglandin E receptor EP1 enhances GABA-mediated inhibition of dopaminergic neurons in the substantia nigra pars compacta and regulates dopamine level in the dorsal striatum. <i>European Journal of Neuroscience</i> , 2009, 30, 2338-2346.	2.6	28
58	Epidermal growth factor administered in the periphery influences excitatory synaptic inputs onto midbrain dopaminergic neurons in postnatal mice. <i>Neuroscience</i> , 2009, 158, 1731-1741.	2.3	25
59	In situ hybridization reveals developmental regulation of ErbB1-4 mRNA expression in mouse midbrain: Implication of ErbB receptors for dopaminergic neurons. <i>Neuroscience</i> , 2009, 161, 95-110.	2.3	83
60	Expression of ErbB4 in substantia nigra dopamine neurons of monkeys and humans. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2009, 33, 701-706.	4.8	31
61	Activation of epidermal growth factor receptor ErbB1 attenuates inhibitory synaptic development in mouse dentate gyrus. <i>Neuroscience Research</i> , 2009, 63, 138-148.	1.9	12
62	Cyclooxygenase-2 plays a critical role in retinal ganglion cell death after transient ischemia: Real-time monitoring of RGC survival using Thy-1-EGFP transgenic mice. <i>Neuroscience Research</i> , 2009, 65, 319-325.	1.9	12
63	Involvement of SMARCA2/BRM in the SWI/SNF chromatin-remodeling complex in schizophrenia. <i>Human Molecular Genetics</i> , 2009, 18, 2483-2494.	2.9	103
64	The anthraquinone derivative Emodin ameliorates neurobehavioral deficits of a rodent model for schizophrenia. <i>Journal of Neural Transmission</i> , 2008, 115, 521-530.	2.8	32
65	Association study of interleukin 2 (IL2) and IL4 with schizophrenia in a Japanese population. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2008, 258, 422-427.	3.2	16
66	Leucine induces phosphorylation and activation of p70S6K in cortical neurons via the system L amino acid transporter. <i>Journal of Neurochemistry</i> , 2008, 106, 934-942.	3.9	33
67	Common behavioral influences of the ErbB1 ligands transforming growth factor alpha and epiregulin administered to mouse neonates. <i>Brain and Development</i> , 2008, 30, 533-543.	1.1	18
68	Dopamine D1 Receptor-induced Signaling through TrkB Receptors in Striatal Neurons. <i>Journal of Biological Chemistry</i> , 2008, 283, 15799-15806.	3.4	69
69	Taurodontism and Van der Woude Syndrome. <i>Angle Orthodontist</i> , 2008, 78, 832-837.	2.4	32
70	A Cyclooxygenase-2 Inhibitor Ameliorates Behavioral Impairments Induced by Striatal Administration of Epidermal Growth Factor. <i>Journal of Neuroscience</i> , 2007, 27, 10116-10127.	3.6	34
71	Action-Potential-Independent GABAergic Tone Mediated by Nicotinic Stimulation of Immature Striatal Miniature Synaptic Transmission. <i>Journal of Neurophysiology</i> , 2007, 98, 581-593.	1.8	19
72	In vivo administration of epidermal growth factor and its homologue attenuates developmental maturation of functional excitatory synapses in cortical GABAergic neurons. <i>European Journal of Neuroscience</i> , 2007, 25, 380-390.	2.6	27

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73	Neonatal exposure to epidermal growth factor induces dopamine D2-like receptor supersensitivity in adult sensorimotor gating. <i>Psychopharmacology</i> , 2007, 191, 783-792.	3.1	19
74	Strain-dependent behavioral alterations induced by peripheral interleukin-1 challenge in neonatal mice. <i>Behavioural Brain Research</i> , 2006, 166, 19-31.	2.2	11
75	Over-expression of Kv1.5 in rat cardiomyocytes extremely shortens the duration of the action potential and causes rapid excitation. <i>Biochemical and Biophysical Research Communications</i> , 2006, 345, 1116-1121.	2.1	20
76	Activity-dependent shedding of heparin-binding EGF-like growth factor in brain neurons. <i>Biochemical and Biophysical Research Communications</i> , 2006, 348, 963-970.	2.1	6
77	Transforming growth factor alpha attenuates the functional expression of AMPA receptors in cortical GABAergic neurons. <i>Molecular and Cellular Neurosciences</i> , 2006, 31, 628-641.	2.2	28
78	Possible involvement of BDNF release in long-lasting synapse formation induced by repetitive PKA activation. <i>Neuroscience Letters</i> , 2006, 406, 38-42.	2.1	18
79	Field potential recording in the ventral tegmental area: Pharmacological and toxicological evaluations of postsynaptic dopaminergic neuron activity. <i>Neuroscience Research</i> , 2006, 55, 426-433.	1.9	4
80	Recent progress in animal modeling of immune inflammatory processes in schizophrenia: Implication of specific cytokines. <i>Neuroscience Research</i> , 2006, 56, 2-13.	1.9	159
81	Sustained brain-derived neurotrophic factor up-regulation and sensorimotor gating abnormality induced by postnatal exposure to phencyclidine: comparison with adult treatment. <i>Journal of Neurochemistry</i> , 2006, 99, 770-780.	3.9	47
82	Influences of dopaminergic lesion on epidermal growth factor's ErbB signals in Parkinson's disease and its model: neurotrophic implication in nigrostriatal neurons. <i>Journal of Neurochemistry</i> , 2005, 93, 974-983.	3.9	116
83	Enhancement of translation elongation in neurons by brain-derived neurotrophic factor: Implications for mammalian target of rapamycin signaling. <i>Journal of Neurochemistry</i> , 2005, 95, 1438-1445.	3.9	67
84	Distinct Influences of Neonatal Epidermal Growth Factor Challenge on Adult Neurobehavioral Traits in Four Mouse Strains. <i>Behavior Genetics</i> , 2005, 35, 615-629.	2.1	41
85	Association of 14-3-3 μ gene haplotype with completed suicide in Japanese. <i>Journal of Human Genetics</i> , 2005, 50, 210-216.	2.3	46
86	Müller Cells as a Source of Brain-derived Neurotrophic Factor in the Retina: Noradrenaline Upregulates Brain-derived Neurotrophic Factor Levels in Cultured Rat Müller Cells. <i>Neurochemical Research</i> , 2005, 30, 1163-1170.	3.3	89
87	Differential distributions of peptides in the epidermal growth factor family and phosphorylation of ErbB1 receptor in adult rat brain. <i>Neuroscience Letters</i> , 2005, 390, 21-24.	2.1	17
88	ErbB1 receptor ligands attenuate the expression of synaptic scaffolding proteins, GRIP1 and SAP97, in developing neocortex. <i>Neuroscience</i> , 2005, 136, 1037-1047.	2.3	17
89	Brain-Derived Neurotrophic Factor Induces Mammalian Target of Rapamycin-Dependent Local Activation of Translation Machinery and Protein Synthesis in Neuronal Dendrites. <i>Journal of Neuroscience</i> , 2004, 24, 9760-9769.	3.6	407
90	Involvement of Brain-Derived Neurotrophic Factor in Early Retinal Neuropathy of Streptozotocin-Induced Diabetes in Rats: Therapeutic Potential of Brain-Derived Neurotrophic Factor for Dopaminergic Amacrine Cells. <i>Diabetes</i> , 2004, 53, 2412-2419.	0.6	173

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91	Prefrontal Abnormality of Schizophrenia Revealed by DNA Microarray: Impact on Glial and Neurotrophic Gene Expression. <i>Annals of the New York Academy of Sciences</i> , 2004, 1025, 84-91.	3.8	107
92	Conditioned Place Preference and Locomotor Sensitization after Repeated Administration of Cocaine or Methamphetamine in Rats Treated with Epidermal Growth Factor during the Neonatal Period. <i>Annals of the New York Academy of Sciences</i> , 2004, 1025, 612-618.	3.8	36
93	Quantitative Analyses of mRNA and Protein Levels of Neurotrophin-3 in the Rat Retina During Postnatal Development and Aging. <i>Japanese Journal of Ophthalmology</i> , 2004, 48, 460-464.	1.9	10
94	Neonatal impact of leukemia inhibitory factor on neurobehavioral development in rats. <i>Neuroscience Research</i> , 2004, 48, 345-353.	1.9	42
95	Perinatal inflammatory cytokine challenge results in distinct neurobehavioral alterations in rats: implication in psychiatric disorders of developmental origin. <i>Neuroscience Research</i> , 2004, 50, 67-75.	1.9	76
96	A palmitoylated RING finger ubiquitin ligase and its homologue in the brain membranes. <i>Journal of Neurochemistry</i> , 2003, 86, 749-762.	3.9	25
97	Transforming growth factor- β changes firing properties of developing neocortical GABAergic neurons by down-regulation of voltage-gated potassium currents. <i>Neuroscience</i> , 2003, 122, 637-646.	2.3	9
98	Brain-derived neurotrophic factor signal enhances and maintains the expression of AMPA receptor-associated PDZ proteins in developing cortical neurons. <i>Developmental Biology</i> , 2003, 263, 216-230.	2.0	57
99	PACAP and NGF cooperatively enhance choline acetyltransferase activity in postnatal basal forebrain neurons by complementary induction of its different mRNA species. <i>Biochemical and Biophysical Research Communications</i> , 2003, 301, 344-349.	2.1	12
100	Immunohistochemical study of brain-derived neurotrophic factor and its receptor, TrkB, in the hippocampal formation of schizophrenic brains. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2003, 27, 801-807.	4.8	93
101	Developmental changes of eukaryotic initiation factor 2B subunits in rat hippocampus. <i>Neuroscience Letters</i> , 2003, 346, 117-119.	2.1	4
102	A decrease in interleukin-1 receptor antagonist expression in the prefrontal cortex of schizophrenic patients. <i>Neuroscience Research</i> , 2003, 46, 299-307.	1.9	53
103	Cellular and subcellular distributions of translation initiation, elongation and release factors in rat hippocampus. <i>Molecular Brain Research</i> , 2003, 111, 165-174.	2.3	14
104	Brain-derived neurotrophic factor upregulates and maintains AMPA receptor currents in neocortical GABAergic neurons. <i>Molecular and Cellular Neurosciences</i> , 2003, 24, 340-356.	2.2	23
105	BDNF is Upregulated by Postnatal Development and Visual Experience: Quantitative and Immunohistochemical Analyses of BDNF in the Rat Retina. , 2003, 44, 3211.		99
106	A Novel Rat Orthologue and Homologue for the Drosophila crooked neck Gene in Neural Stem Cells and Their Immediate Descendants. <i>Journal of Biochemistry</i> , 2003, 133, 615-623.	1.7	7
107	Tyrosyl Phosphorylation of Shp2 Is Required for Normal ERK Activation in Response to Some, but Not All, Growth Factors. <i>Journal of Biological Chemistry</i> , 2003, 278, 41677-41684.	3.4	186
108	Activation of the TrkB Neurotrophin Receptor Is Induced by Antidepressant Drugs and Is Required for Antidepressant-Induced Behavioral Effects. <i>Journal of Neuroscience</i> , 2003, 23, 349-357.	3.6	720

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109	Brain-derived Neurotrophic Factor Regulates Surface Expression of $\hat{\pm}$ -Amino-3-hydroxy-5-methyl-4-isoxazolepropionic Acid Receptors by Enhancing the N-Ethylmaleimide-sensitive Factor/GluR2 Interaction in Developing Neocortical Neurons. <i>Journal of Biological Chemistry</i> , 2002, 277, 40901-40910.	3.4	92
110	Decreased levels of brain-derived neurotrophic factor in serum of chronic schizophrenic patients. <i>Psychiatry Research</i> , 2002, 110, 249-257.	3.3	264
111	Establishment of a novel enzyme-linked immunosorbant assay for Thy-1; quantitative assessment of neuronal degeneration. <i>Neuroscience Letters</i> , 2002, 329, 185-188.	2.1	26
112	Shp-2 positively regulates brain-derived neurotrophic factor-promoted survival of cultured ventral mesencephalic dopaminergic neurons through a brain immunoglobulin-like molecule with tyrosine-based activation motifs/Shp substrate-1. <i>Journal of Neurochemistry</i> , 2002, 82, 353-364.	3.9	19
113	Selective reduction of a PDZ protein, SAP-97, in the prefrontal cortex of patients with chronic schizophrenia. <i>Journal of Neurochemistry</i> , 2002, 83, 797-806.	3.9	119
114	A Novel Two-Site Enzyme Immunoassay Reveals the Regional Distributions of and Developmental Changes in GluR1 and NMDAR1 Protein Contents in the Rat Brain. <i>Journal of Neurochemistry</i> , 2002, 73, 408-417.	3.9	15
115	Basic Fibroblast Growth Factor Modulates the Expression of PDZ Domain-containing Proteins in Cultured Cortical Neurons. <i>Acta Medica Et Biologica</i> , 2002, 50, 107-115.	1.0	5
116	A quantitative study on the expression of synapsin II and N-ethylmaleimide-sensitive fusion protein in schizophrenic patients. <i>Neuroscience Letters</i> , 2001, 305, 185-188.	2.1	39
117	BDNF as an anterophin; a novel neurotrophic relationship between brain neurons. <i>Trends in Neurosciences</i> , 2001, 24, 683-684.	8.6	53
118	Similarity and variation in gene expression among human cerebral cortical subregions revealed by DNA macroarrays: technical consideration of RNA expression profiling from postmortem samples. <i>Molecular Brain Research</i> , 2001, 88, 74-82.	2.3	21
119	Biochemical evidence for localization of AMPA-type glutamate receptor subunits in the dendritic raft. <i>Molecular Brain Research</i> , 2001, 89, 20-28.	2.3	96
120	Involvement of Nitric Oxide in Pentylenetetrazole-Induced Kindling in Rats. <i>Journal of Neurochemistry</i> , 2001, 74, 792-798.	3.9	49
121	Sindbis viral-mediated expression of Ca ²⁺ -permeable AMPA receptors at hippocampal CA1 synapses and induction of NMDA receptor-independent long-term potentiation. <i>European Journal of Neuroscience</i> , 2001, 13, 1635-1643.	2.6	25
122	Biological characterization and optical imaging of brain-derived neurotrophic factor-green fluorescent protein suggest an activity-dependent local release of brain-derived neurotrophic factor in neurites of cultured hippocampal neurons. <i>Journal of Neuroscience Research</i> , 2001, 64, 1-10.	2.9	120
123	Characterization of a Novel synGAP Isoform, synGAP- $\hat{2}$. <i>Journal of Biological Chemistry</i> , 2001, 276, 21417-21424.	3.4	57
124	Brain-derived Neurotrophic Factor Enhances Neuronal Translation by Activating Multiple Initiation Processes. <i>Journal of Biological Chemistry</i> , 2001, 276, 42818-42825.	3.4	185
125	N-Methyl-d-aspartate-induced $\hat{\pm}$ -Amino-3-hydroxy-5-methyl-4-isoxazolepropionic Acid (AMPA) Receptor Down-regulation Involves Interaction of the Carboxyl Terminus of GluR2/3 with Pick1. <i>Journal of Biological Chemistry</i> , 2001, 276, 40025-40032.	3.4	73
126	The distribution of neuropeptide Y and brain-derived neurotrophic factor immunoreactivity in hippocampal formation of the monkey and rat. <i>Brain Research</i> , 2000, 852, 475-478.	2.2	5

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127	Involvement of Brain-Derived Neurotrophic Factor in Spatial Memory Formation and Maintenance in a Radial Arm Maze Test in Rats. <i>Journal of Neuroscience</i> , 2000, 20, 7116-7121.	3.6	486
128	Regulation of Nerve Growth Factor Release by Nitric Oxide through Cyclic GMP Pathway in Cortical Glial Cells. <i>Molecular Pharmacology</i> , 1999, 56, 339-347.	2.3	33
129	Mutual regulation between the intercellular messengers nitric oxide and brain-derived neurotrophic factor in rodent neocortical neurons. <i>European Journal of Neuroscience</i> , 1999, 11, 1567-1576.	2.6	63
130	Patients with temporal lobe epilepsy show an increase in brain-derived neurotrophic factor protein and its correlation with neuropeptide Y. <i>Brain Research</i> , 1999, 818, 579-582.	2.2	109
131	Are there differences between the secretion characteristics of NGF and BDNF? Implications for the modulatory role of neurotrophins in activity-dependent neuronal plasticity. <i>Microscopy Research and Technique</i> , 1999, 45, 262-275.	2.2	111
132	Phenotypic down-regulation of glutamate receptor subunit GluR1 in Alzheimer's disease. <i>Neurobiology of Aging</i> , 1999, 20, 287-295.	3.1	78
133	Turnover rates of the AMPA-type glutamate receptor GluR1 measured by transient gene expression. <i>Journal of Neuroscience Methods</i> , 1998, 84, 173-179.	2.5	5
134	Brain derived neurotrophic factor is increased in cerebrospinal fluid of children suffering from asphyxia. <i>Neuroscience Letters</i> , 1998, 240, 151-154.	2.1	56
135	Regional specificity of alterations in NGF, BDNF and NT-3 levels in Alzheimer's disease. <i>NeuroReport</i> , 1996, 7, 2925-2928.	1.2	208
136	Differential Regulation of Hippocampal Neurotrophins During Aging in Rats. <i>Journal of Neurochemistry</i> , 1996, 67, 1124-1131.	3.9	60
137	Protective effects of brain-derived neurotrophic factor on the development of hippocampal kindling in the rat. <i>NeuroReport</i> , 1995, 6, 1937-1941.	1.2	111
138	BDNF Protein Measured by a Novel Enzyme Immunoassay in Normal Brain and after Seizure: Partial Disagreement with mRNA Levels. <i>European Journal of Neuroscience</i> , 1995, 7, 1527-1535.	2.6	312
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142	Selective up-regulation of an nmda receptor subunit mrna in cultured cerebellar granule cells by K ⁺ -induced depolarization and nmda treatment. <i>Neuron</i> , 1994, 12, 87-95.	8.1	161
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