

Akinori Akaike

List of Publications by Year in descending order

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Version: 2024-02-01

190
papers

11,919
citations

18465

62
h-index

31818

101
g-index

195
all docs

195
docs citations

195
times ranked

11767
citing authors

#	ARTICLE	IF	CITATIONS
1	Therapeutic effect of a novel curcumin derivative GT863 on a mouse model of amyotrophic lateral sclerosis. <i>Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration</i> , 2022, 23, 489-495.	1.1	8
2	In vivo brain ischemia-reperfusion model induced by hypoxia-reoxygenation using zebrafish larvae. <i>Brain Research Bulletin</i> , 2021, 173, 45-52.	1.4	4
3	Protective effects of Nrf2-ARE activator on dopaminergic neuronal loss in Parkinson disease model mice: Possible involvement of heme oxygenase-1. <i>Neuroscience Letters</i> , 2020, 736, 135268.	1.0	19
4	Protective Effect of 2,3-Dihydroxy-4,6-dimethoxychalcone on Glutamate-Induced Neurotoxicity in Primary Cortical Cultures. <i>Biological and Pharmaceutical Bulletin</i> , 2020, 43, 184-187.	0.6	2
5	Donepezil modulates amyloid precursor protein endocytosis and reduction by up-regulation of SNX33 expression in primary cortical neurons. <i>Scientific Reports</i> , 2019, 9, 11922.	1.6	20
6	Increased CCL6 expression in astrocytes and neuronal protection from neuron-astrocyte interactions. <i>Biochemical and Biophysical Research Communications</i> , 2019, 519, 777-782.	1.0	10
7	Protective Effect of Green Perilla-Derived Chalcone Derivative DDC on Amyloid β^2 Protein-Induced Neurotoxicity in Primary Cortical Neurons. <i>Biological and Pharmaceutical Bulletin</i> , 2019, 42, 1942-1946.	0.6	7
8	Protective Effects of 2,3-Dihydroxy-4,6-dimethoxychalcone Derived from Green Perilla Leaves against UV Radiation-Induced Cell Injury in Human Cultured Keratinocytes. <i>Biological and Pharmaceutical Bulletin</i> , 2019, 42, 1936-1941.	0.6	3
9	Effects of 2,3-dihydroxy-4,6-dimethoxychalcone derived from green perilla on auricle thickness in chronic contact dermatitis model mice. <i>Journal of Pharmacological Sciences</i> , 2019, 141, 17-24.	1.1	2
10	Multiplex Neural Circuit Tracing With G-Deleted Rabies Viral Vectors. <i>Frontiers in Neural Circuits</i> , 2019, 13, 77.	1.4	28
11	Neuroprotective effect of an Nrf2-ARE activator identified from a chemical library on dopaminergic neurons. <i>European Journal of Pharmacology</i> , 2018, 818, 470-479.	1.7	20
12	Inhibitory effect of the gut microbial linoleic acid metabolites, 10-oxo-trans-11-octadecenoic acid and 10-hydroxy-cis-12-octadecenoic acid, on BV-2 microglial cell activation. <i>Journal of Pharmacological Sciences</i> , 2018, 138, 9-15.	1.1	22
13	Protective effect of an Nrf2-ARE activator identified from a chemical library on 6-hydroxydopamine-induced dopaminergic neuronal death. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, PO4-1-134.	0.0	0
14	Effects of an Nrf2-ARE activator isolated from green perilla leaves on ear swelling in a mouse contact hypersensitivity model. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, PO4-3-6.	0.0	0
15	Inhibitory effect of the gut microbial linoleic acid metabolites on BV-2 microglial cell activation. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, PO1-1-110.	0.0	0
16	Protective effect of Nrf2-ARE activator isolated from green perilla leaves on dopaminergic neuronal loss in a Parkinson's disease model. <i>European Journal of Pharmacology</i> , 2017, 798, 26-34.	1.7	32
17	Inhibitory effect of donepezil on bradykinin-induced increase in the intracellular calcium concentration in cultured cortical astrocytes. <i>Journal of Pharmacological Sciences</i> , 2017, 134, 37-44.	1.1	22
18	Integrin $\alpha 5 \beta 1$ expression on dopaminergic neurons is involved in dopaminergic neurite outgrowth on striatal neurons. <i>Scientific Reports</i> , 2017, 7, 42111.	1.6	23

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19	PE859, A Novel Curcumin Derivative, Inhibits Amyloid- β^2 and Tau Aggregation, and Ameliorates Cognitive Dysfunction in Senescence-Accelerated Mouse Prone 8. <i>Journal of Alzheimer's Disease</i> , 2017, 59, 313-328.	1.2	39
20	Effect of vitamin K2 on the anticoagulant activity of warfarin during the perioperative period of catheter ablation: Population analysis of retrospective clinical data. <i>Journal of Pharmaceutical Health Care and Sciences</i> , 2016, 2, 17.	0.4	2
21	Reduction of Immunoreactivity Against the C-Terminal Region of the Intracellular β -Synuclein by Exogenous β -Synuclein Aggregates: Possibility of Conformational Changes. <i>Journal of Parkinson's Disease</i> , 2016, 6, 569-579.	1.5	5
22	Protective Effect of Dimethyl Fumarate on an Oxidative Stress Model Induced by Sodium Nitroprusside in Mice. <i>Biological and Pharmaceutical Bulletin</i> , 2016, 39, 1055-1059.	0.6	9
23	Compensatory role of the Nrf2-ARE pathway against paraquat toxicity: Relevance of 26S proteasome activity. <i>Journal of Pharmacological Sciences</i> , 2015, 129, 150-159.	1.1	19
24	Integrin-Associated Protein Promotes Neuronal Differentiation of Neural Stem/Progenitor Cells. <i>PLoS ONE</i> , 2015, 10, e0116741.	1.1	1
25	Staurosporine induces dopaminergic neurite outgrowth through AMP-activated protein kinase/mammalian target of rapamycin signaling pathway. <i>Neuropharmacology</i> , 2014, 77, 39-48.	2.0	24
26	Non-toxic conformer of amyloid β^2 may suppress amyloid β^2 -induced toxicity in rat primary neurons: Implications for a novel therapeutic strategy for Alzheimer's disease. <i>Biochemical and Biophysical Research Communications</i> , 2013, 438, 1-5.	1.0	17
27	Toxicity in Rat Primary Neurons through the Cellular Oxidative Stress Induced by the Turn Formation at Positions 22 and 23 of A β^2 . <i>ACS Chemical Neuroscience</i> , 2012, 3, 674-681.	1.7	31
28	Isolation, identification, and biological evaluation of Nrf2-ARE activator from the leaves of green perilla (<i>Perilla frutescens</i> var. <i>crispa</i> f. <i>viridis</i>). <i>Free Radical Biology and Medicine</i> , 2012, 53, 669-679.	1.3	45
29	Involvement of ERK in NMDA receptor-independent cortical neurotoxicity of hydrogen sulfide. <i>Biochemical and Biophysical Research Communications</i> , 2011, 414, 727-732.	1.0	23
30	HMGB1 inhibitor glycyrrhizin attenuates intracerebral hemorrhage-induced injury in rats. <i>Neuropharmacology</i> , 2011, 61, 975-980.	2.0	109
31	E22 β Mutation in Amyloid- β^2 -Protein Promotes β^2 -Sheet Transformation, Radical Production, and Synaptotoxicity, But Not Neurotoxicity. <i>International Journal of Alzheimer's Disease</i> , 2011, 2011, 1-8.	1.1	15
32	Glutathione Biosynthesis via Activation of the Nuclear Factor E2-Related Factor 2 (Nrf2) -Antioxidant-Response Element (ARE) Pathway Is Essential for Neuroprotective Effects of Sulforaphane and 6-(Methylsulfinyl) Hexyl Isothiocyanate. <i>Journal of Pharmacological Sciences</i> , 2011, 115, 320-328.	1.1	79
33	Mechanisms of Chronic Nicotine Treatment-Induced Enhancement of the Sensitivity of Cortical Neurons to the Neuroprotective Effect of Donepezil in Cortical Neurons. <i>Journal of Pharmacological Sciences</i> , 2010, 112, 265-272.	1.1	4
34	Mechanisms of Neuroprotective Effects of Nicotine and Acetylcholinesterase Inhibitors: Role of β^4 and β^7 Receptors in Neuroprotection. <i>Journal of Molecular Neuroscience</i> , 2010, 40, 211-216.	1.1	173
35	Heme oxygenase-1 contributes to pathology associated with thrombin-induced striatal and cortical injury in organotypic slice culture. <i>Brain Research</i> , 2010, 1347, 170-178.	1.1	30
36	Elevation of heme oxygenase-1 by proteasome inhibition affords dopaminergic neuroprotection. <i>Journal of Neuroscience Research</i> , 2010, 88, 1934-1942.	1.3	33

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37	Mitogen-activated protein kinases support survival of activated microglia that mediate thrombin-induced striatal injury in organotypic slice culture. <i>Journal of Neuroscience Research</i> , 2010, 88, 2155-2164.	1.3	24
38	Dopamine facilitates α -synuclein oligomerization in human neuroblastoma SH-SY5Y cells. <i>Biochemical and Biophysical Research Communications</i> , 2010, 391, 129-134.	1.0	39
39	PI3K/Akt/mTOR signaling regulates glutamate transporter 1 in astrocytes. <i>Biochemical and Biophysical Research Communications</i> , 2010, 393, 514-518.	1.0	92
40	Abeta-induced BACE-1 cleaves N-terminal sequence of mPGES-2. <i>Biochemical and Biophysical Research Communications</i> , 2010, 393, 728-733.	1.0	11
41	Long-term treatment with nicotine suppresses neurotoxicity of, and microglial activation by, thrombin in cortico-striatal slice cultures. <i>European Journal of Pharmacology</i> , 2009, 602, 288-293.	1.7	21
42	Nicotinic receptor stimulation protects nigral dopaminergic neurons in rotenone-induced Parkinson's disease models. <i>Journal of Neuroscience Research</i> , 2009, 87, 576-585.	1.3	105
43	Rac1 inhibition negatively regulates transcriptional activity of the amyloid precursor protein gene. <i>Journal of Neuroscience Research</i> , 2009, 87, 2105-2114.	1.3	48
44	Retinoic acid receptor stimulation protects midbrain dopaminergic neurons from inflammatory degeneration via BDNF-mediated signaling. <i>Journal of Neurochemistry</i> , 2009, 110, 707-718.	2.1	80
45	Vulnerability to glutamate toxicity of dopaminergic neurons is dependent on endogenous dopamine and MAPK activation. <i>Journal of Neurochemistry</i> , 2009, 110, 745-755.	2.1	45
46	A role for SOX2 in the generation of microtubule-associated protein 2-positive cells from microglia. <i>Biochemical and Biophysical Research Communications</i> , 2009, 380, 60-64.	1.0	4
47	Basic fibroblast growth factor promotes the generation of microtubule-associated protein 2-positive cells from microglia. <i>Biochemical and Biophysical Research Communications</i> , 2009, 390, 1018-1022.	1.0	2
48	Foreword. <i>Biological and Pharmaceutical Bulletin</i> , 2009, 32, 317-317.	0.6	2
49	Roles of Nicotinic Receptors in Acetylcholinesterase Inhibitor-Induced Neuroprotection and Nicotinic Receptor Up-Regulation. <i>Biological and Pharmaceutical Bulletin</i> , 2009, 32, 318-324.	0.6	55
50	Multifunction of myricetin on $A\beta$: Neuroprotection via a conformational change of $A\beta$ and reduction of $A\beta$ via the interference of secretases. <i>Journal of Neuroscience Research</i> , 2008, 86, 368-377.	1.3	100
51	α -Amino- β -hydroxy- γ -methyl- δ -isoxazole propionate attenuates glutamate-induced caspase-3 cleavage via regulation of glycogen synthase kinase 3β . <i>Journal of Neuroscience Research</i> , 2008, 86, 1096-1105.	1.3	20
52	Three distinct neuroprotective functions of myricetin against glutamate-induced neuronal cell death: Involvement of direct inhibition of caspase-3. <i>Journal of Neuroscience Research</i> , 2008, 86, 1836-1845.	1.3	71
53	Mechanism of neuroprotection by donepezil pretreatment in rat cortical neurons chronically treated with donepezil. <i>Journal of Neuroscience Research</i> , 2008, 86, 3575-3583.	1.3	38
54	Toward the generation of rod and cone photoreceptors from mouse, monkey and human embryonic stem cells. <i>Nature Biotechnology</i> , 2008, 26, 215-224.	9.4	590

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55	Plasminogen Potentiates Thrombin Cytotoxicity and Contributes to Pathology of Intracerebral Hemorrhage in Rats. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2008, 28, 506-515.	2.4	28
56	Impaired muscarinic regulation of excitatory synaptic transmission in the APP ^{swe} /PS1 ^{dE9} mouse model of Alzheimer's disease. <i>European Journal of Pharmacology</i> , 2008, 583, 84-91.	1.7	39
57	Donepezil attenuates excitotoxic damage induced by membrane depolarization of cortical neurons exposed to veratridine. <i>European Journal of Pharmacology</i> , 2008, 588, 189-197.	1.7	12
58	Mechanisms of $\alpha 7$ -nicotinic receptor up-regulation and sensitization to donepezil induced by chronic donepezil treatment. <i>European Journal of Pharmacology</i> , 2008, 590, 150-156.	1.7	29
59	Dibutyl cyclic AMP induces differentiation of human neuroblastoma SH-SY5Y cells into a noradrenergic phenotype. <i>Neuroscience Letters</i> , 2008, 443, 199-203.	1.0	62
60	Chloride-dependent acute excitotoxicity in adult rat retinal ganglion cells. <i>Neuropharmacology</i> , 2008, 55, 677-686.	2.0	8
61	Flavonols and flavones as BACE-1 inhibitors: Structure-activity relationship in cell-free, cell-based and in silico studies reveal novel pharmacophore features. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2008, 1780, 819-825.	1.1	192
62	Microtubule-associated protein 2-positive cells derived from microglia possess properties of functional neurons. <i>Biochemical and Biophysical Research Communications</i> , 2008, 368, 971-976.	1.0	14
63	A molecular pathway involved in the generation of microtubule-associated protein 2-positive cells from microglia. <i>Biochemical and Biophysical Research Communications</i> , 2008, 370, 184-188.	1.0	10
64	Phosphorylation of amyloid precursor protein (APP) at Tyr687 regulates APP processing by α - and β -secretase. <i>Biochemical and Biophysical Research Communications</i> , 2008, 377, 544-549.	1.0	19
65	Differential regulation of neurogenesis in two neurogenic regions of APP ^{swe} /PS1 ^{dE9} transgenic mice. <i>NeuroReport</i> , 2008, 19, 1361-1364.	0.6	31
66	Epigallocatechin-3-gallate and curcumin suppress amyloid beta-induced beta-site APP cleaving enzyme-1 upregulation. <i>NeuroReport</i> , 2008, 19, 1329-1333.	0.6	110
67	Wnt Signaling Promotes Regeneration in the Retina of Adult Mammals. <i>Journal of Neuroscience</i> , 2007, 27, 4210-4219.	1.7	306
68	Proteasome Inhibition Induces Glutathione Synthesis and Protects Cells from Oxidative Stress. <i>Journal of Biological Chemistry</i> , 2007, 282, 4364-4372.	1.6	126
69	Donepezil Potentiates Nerve Growth Factor-Induced Neurite Outgrowth in PC12 Cells. <i>Journal of Pharmacological Sciences</i> , 2007, 104, 349-354.	1.1	30
70	Mulberry leaf extract prevents amyloid beta-peptide fibril formation and neurotoxicity. <i>NeuroReport</i> , 2007, 18, 813-816.	0.6	59
71	Decreased proliferation of hippocampal progenitor cells in APP ^{swe} /PS1 ^{dE9} transgenic mice. <i>NeuroReport</i> , 2007, 18, 1801-1805.	0.6	76
72	Involvement of thrombin and mitogen-activated protein kinase pathways in hemorrhagic brain injury. <i>Experimental Neurology</i> , 2007, 206, 43-52.	2.0	86

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73	Contribution of endogenous glycine and d-serine to excitotoxic and ischemic cell death in rat cerebrocortical slice cultures. <i>Life Sciences</i> , 2007, 81, 740-749.	2.0	37
74	Microglia-derived interleukin-6 and leukaemia inhibitory factor promote astrocytic differentiation of neural stem/progenitor cells. <i>European Journal of Neuroscience</i> , 2007, 25, 649-658.	1.2	262
75	Resveratrol protects dopaminergic neurons in midbrain slice culture from multiple insults. <i>Biochemical Pharmacology</i> , 2007, 73, 550-560.	2.0	186
76	Novel neuroprotective mechanisms of pramipexole, an anti-Parkinson drug, against endogenous dopamine-mediated excitotoxicity. <i>European Journal of Pharmacology</i> , 2007, 557, 132-140.	1.7	36
77	Amyloid β -peptide preconditioning reduces glutamate-induced neurotoxicity by promoting endocytosis of NMDA receptor. <i>Biochemical and Biophysical Research Communications</i> , 2006, 351, 259-265.	1.0	49
78	Neuroprotective action of donepezil mediated by neuronal nicotinic receptors. <i>Psychogeriatrics</i> , 2006, 6, S47-S56.	0.6	3
79	Involvement of apoptosis and cholinergic dysfunction in Alzheimer's disease. <i>Psychogeriatrics</i> , 2006, 6, S57-S63.	0.6	3
80	Contribution of endogenous glycine site NMDA agonists to excitotoxic retinal damage in vivo. <i>Neuroscience Research</i> , 2006, 56, 279-285.	1.0	34
81	Acetylcholinesterase inhibitors used in treatment of Alzheimer's disease prevent glutamate neurotoxicity via nicotinic acetylcholine receptors and phosphatidylinositol 3-kinase cascade. <i>Neuropharmacology</i> , 2006, 51, 474-486.	2.0	169
82	Preclinical Evidence of Neuroprotection by Cholinesterase Inhibitors. <i>Alzheimer Disease and Associated Disorders</i> , 2006, 20, S8-S11.	0.6	54
83	A Critical Role of TRPM2 in Neuronal Cell Death by Hydrogen Peroxide. <i>Journal of Pharmacological Sciences</i> , 2006, 101, 66-76.	1.1	185
84	Nitric oxide-producing microglia mediate thrombin-induced degeneration of dopaminergic neurons in rat midbrain slice culture. <i>Journal of Neurochemistry</i> , 2006, 97, 1232-1242.	2.1	34
85	Aminoglutethimide prevents excitotoxic and ischemic injuries in cortical neurons. <i>British Journal of Pharmacology</i> , 2006, 147, 729-736.	2.7	10
86	Nitric oxide-mediated effect of nipradilol, an α - and β -adrenergic blocker, on glutamate neurotoxicity in rat cortical cultures. <i>European Journal of Pharmacology</i> , 2006, 535, 86-94.	1.7	16
87	Serofendic acid, a neuroprotective substance derived from fetal calf serum, inhibits mitochondrial membrane depolarization and caspase-3 activation. <i>European Journal of Pharmacology</i> , 2006, 542, 69-76.	1.7	23
88	Neuroprotective effects of galanthamine and tacrine against glutamate neurotoxicity. <i>European Journal of Pharmacology</i> , 2006, 549, 19-26.	1.7	37
89	Thrombin-induced delayed injury involves multiple and distinct signaling pathways in the cerebral cortex and the striatum in organotypic slice cultures. <i>Neurobiology of Disease</i> , 2006, 22, 130-142.	2.1	49
90	Glutamate Excitotoxicity Is Involved in Cell Death Caused by Tributyltin in Cultured Rat Cortical Neurons. <i>Toxicological Sciences</i> , 2006, 89, 235-242.	1.4	57

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91	Effects of R(-)-BPAP on the Expressions of Neurotrophins and Their Receptors in Mesencephalic Slices. <i>Biological and Pharmaceutical Bulletin</i> , 2005, 28, 1524-1526.	0.6	4
92	Tetraethylammonium exacerbates ischemic neuronal injury in rat cerebrocortical slice cultures. <i>European Journal of Pharmacology</i> , 2005, 508, 85-91.	1.7	11
93	Up-regulation of nicotinic acetylcholine receptors by central-type acetylcholinesterase inhibitors in rat cortical neurons. <i>European Journal of Pharmacology</i> , 2005, 527, 77-85.	1.7	57
94	p-quinone mediates 6-hydroxydopamine-induced dopaminergic neuronal death and ferrous iron accelerates the conversion of p-quinone into melanin extracellularly. <i>Journal of Neuroscience Research</i> , 2005, 79, 849-860.	1.3	89
95	Iron accelerates the conversion of dopamine-oxidized intermediates into melanin and provides protection in SH-SY5Y cells. <i>Journal of Neuroscience Research</i> , 2005, 82, 126-137.	1.3	35
96	Protective effect of serofendic acid on glutamate-induced neurotoxicity in rat cultured motor neurons. <i>Neuroscience Letters</i> , 2005, 383, 199-202.	1.0	13
97	Stimulation of nicotinic acetylcholine receptors protects motor neurons. <i>Biochemical and Biophysical Research Communications</i> , 2005, 330, 1285-1289.	1.0	40
98	Levodopa-Induced Vesicular Release of Glutamate and Mechanisms of Levodopa-Induced Neurotoxicity in Primary Neuron Cultures in Rat Striata. , 2005, , 289-301.		0
99	Proteasome Mediates Dopaminergic Neuronal Degeneration, and Its Inhibition Causes α -Synuclein Inclusions. <i>Journal of Biological Chemistry</i> , 2004, 279, 10710-10719.	1.6	103
100	Endogenous d-Serine Is Involved in Induction of Neuronal Death by N-Methyl-d-aspartate and Simulated Ischemia in Rat Cerebrocortical Slices. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2004, 311, 836-844.	1.3	100
101	Serofendic Acid, a Sulfur-Containing Diterpenoid Derived from Fetal Calf Serum, Attenuates Reactive Oxygen Species-Induced Oxidative Stress in Cultured Striatal Neurons. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2004, 311, 51-59.	1.3	28
102	Effects of mitochondrial dysfunction on glutamate receptor-mediated neurotoxicity in cultured rat spinal motor neurons. <i>Brain Research</i> , 2004, 1015, 73-81.	1.1	50
103	α -Tocotrienol provides the most potent neuroprotection among vitamin E analogs on cultured striatal neurons. <i>Neuropharmacology</i> , 2004, 47, 904-915.	2.0	121
104	Mechanisms of oxygen glucose deprivation-induced glutamate release from cerebrocortical slice cultures. <i>Neuroscience Research</i> , 2004, 50, 179-187.	1.0	61
105	Endogenous Factors Regulating Neuronal Death Induced by Radical Stress. <i>Biological and Pharmaceutical Bulletin</i> , 2004, 27, 964-967.	0.6	10
106	Neuroprotective mechanisms of antiparkinsonian dopamine D2-receptor subfamily agonists. <i>Neurochemical Research</i> , 2003, 28, 1035-1040.	1.6	35
107	Serofendic acid prevents acute glutamate neurotoxicity in cultured cortical neurons. <i>European Journal of Pharmacology</i> , 2003, 477, 195-203.	1.7	26
108	Neuroprotective effects of α -tocopherol on oxidative stress in rat striatal cultures. <i>European Journal of Pharmacology</i> , 2003, 465, 15-22.	1.7	65

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109	Phosphodiesterase inhibitors are neuroprotective to cultured spinal motor neurons. <i>Journal of Neuroscience Research</i> , 2003, 71, 485-495.	1.3	62
110	Hyperbilirubinemia protects against focal ischemia in rats. <i>Journal of Neuroscience Research</i> , 2003, 71, 544-550.	1.3	36
111	Lipopolysaccharide-induced dopaminergic cell death in rat midbrain slice cultures: role of inducible nitric oxide synthase and protection by indomethacin. <i>Journal of Neurochemistry</i> , 2003, 86, 1201-1212.	2.1	43
112	Pharmacological and physiological properties of serofendic acid, a novel neuroprotective substance isolated from fetal calf serum. <i>Life Sciences</i> , 2003, 74, 263-269.	2.0	9
113	Inhibition of glutamate-induced nitric oxide synthase activation by dopamine in cultured rat retinal neurons. <i>Neuroscience Letters</i> , 2003, 347, 155-158.	1.0	13
114	Nicotinic Acetylcholine Receptor-Mediated Neuroprotection by Donepezil Against Glutamate Neurotoxicity in Rat Cortical Neurons. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2003, 306, 772-777.	1.3	194
115	Dopamine is involved in selectivity of dopaminergic neuronal death by rotenone. <i>NeuroReport</i> , 2003, 14, 2425-2428.	0.6	46
116	Retinal Neurotoxicity of Nitric Oxide Donors With Different Half-Life of Nitric Oxide Release: Involvement of N-Methyl-D-aspartate Receptor. <i>Journal of Pharmacological Sciences</i> , 2003, 92, 428-432.	1.1	15
117	Mitochondrial ATP-Sensitive Potassium Channel: A Novel Site for Neuroprotection. , 2003, 44, 2750.		44
118	Retinal Neuronal Death Induced by Intraocular Administration of a Nitric Oxide Donor and Its Rescue by Neurotrophic Factors in Rats. , 2003, 44, 1760.		65
119	Isolation of a diterpenoid substance with potent neuroprotective activity from fetal calf serum. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 3288-3293.	3.3	53
120	Estradiol protects dopaminergic neurons in a MPP+Parkinson's disease model. <i>Neuropharmacology</i> , 2002, 42, 1056-1064.	2.0	109
121	Identification and Characterization of Novel Human Cav2.2 (β 1B) Calcium Channel Variants Lacking the Synaptic Protein Interaction Site. <i>Journal of Neuroscience</i> , 2002, 22, 82-92.	1.7	70
122	Regulation of N-methyl-d-aspartate cytotoxicity by neuroactive steroids in rat cortical neurons. <i>European Journal of Pharmacology</i> , 2002, 454, 165-175.	1.7	19
123	Antagonism of NMDA receptors by β receptor ligands attenuates chemical ischemia-induced neuronal death in vitro. <i>European Journal of Pharmacology</i> , 2002, 455, 91-100.	1.7	57
124	Vitamin B6 protects primate retinal neurons from ischemic injury. <i>Brain Research</i> , 2002, 940, 36-43.	1.1	23
125	Protective effect of dopamine D2 agonists in cortical neurons via the phosphatidylinositol 3 kinase cascade. <i>Journal of Neuroscience Research</i> , 2002, 70, 274-282.	1.3	87
126	Depletion of Intracellular Glutathione Increases Susceptibility to Nitric Oxide in Mesencephalic Dopaminergic Neurons. <i>Journal of Neurochemistry</i> , 2002, 73, 1696-1703.	2.1	48

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127	Activation of Inositol 1,4,5-Trisphosphate Receptor Is Essential for the Opening of Mouse TRP5 Channels. <i>Molecular Pharmacology</i> , 2001, 60, 989-998.	1.0	57
128	Superoxide dismutase activity in organotypic midbrain-striatum co-cultures is associated with resistance of dopaminergic neurons to excitotoxicity. <i>Journal of Neurochemistry</i> , 2001, 76, 1336-1345.	2.1	25
129	Nongenomic antiapoptotic signal transduction by estrogen in cultured cortical neurons. <i>Journal of Neuroscience Research</i> , 2001, 64, 466-475.	1.3	121
130	<i>N</i> -methyl-D-aspartate receptor-mediated mitochondrial Ca ²⁺ overload in acute excitotoxic motor neuron death: A mechanism distinct from chronic neurotoxicity after Ca ²⁺ influx. <i>Journal of Neuroscience Research</i> , 2001, 63, 377-387.	1.3	117
131	Î-Synuclein protein is not scavenged in neuronal loss induced by kainic acid or focal ischemia. <i>Brain Research</i> , 2001, 898, 181-185.	1.1	11
132	Î7 Nicotinic Receptor Transduces Signals to Phosphatidylinositol 3-Kinase to Block AÎ2-Amyloid-induced Neurotoxicity. <i>Journal of Biological Chemistry</i> , 2001, 276, 13541-13546.	1.6	385
133	Binding of G _o N Terminus Is Responsible for the Voltage-resistant Inhibition of Î1A (P/Q-type, Cav2.1) Ca ²⁺ Channels. <i>Journal of Biological Chemistry</i> , 2001, 276, 28731-28738.	1.6	29
134	Protection of cultured spinal motor neurons by estradiol. <i>NeuroReport</i> , 2000, 11, 3493-3497.	0.6	67
135	Phosphatidylinositol 3-kinase mediates neuroprotection by estrogen in cultured cortical neurons. , 2000, 60, 321-327.		220
136	Neuroprotective Mechanism of Glial Cell Line-Derived Neurotrophic Factor in Mesencephalic Neurons. <i>Journal of Neurochemistry</i> , 2000, 74, 1175-1184.	2.1	79
137	p75-mediated neuroprotection by NGF against glutamate cytotoxicity in cortical cultures. <i>Brain Research</i> , 2000, 852, 279-289.	1.1	79
138	Involvement of direct inhibition of NMDA receptors in the effects of Îf-receptor ligands on glutamate neurotoxicity in vitro. <i>European Journal of Pharmacology</i> , 2000, 404, 41-48.	1.7	28
139	Protective effects of ifenprodil against glutamate-induced neurotoxicity in cultured retinal neurons. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2000, 238, 846-852.	1.0	6
140	Mechanisms of antiapoptotic effects of estrogens in nigral dopaminergic neurons. <i>FASEB Journal</i> , 2000, 14, 1202-1214.	0.2	149
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