Akinori Akaike

List of Publications by Year
in descending order

190	11,919	17440 63	30922 102
papers	citations	h-index	g-index

195	195	195	11767
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Therapeutic effect of a novel curcumin derivative GT863 on a mouse model of amyotrophic lateral sclerosis. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2022, 23, 489-495.	1.7	8
2	In vivo brain ischemia-reperfusion model induced by hypoxia-reoxygenation using zebrafish larvae. Brain Research Bulletin, 2021, 173, 45-52.	3.0	4
3	Protective effects of Nrf2â€“ARE activator on dopaminergic neuronal loss in Parkinson disease model mice: Possible involvement of heme oxygenase-1. Neuroscience Letters, 2020, 736, 135268.	2.1	19
4	Protective Effect of 2â€²,3â€²-Dihydroxy-4â€²,6â€²-dimethoxychalcone on Glutamate-Induced Neurotoxicity in Primary Cortical Cultures. Biological and Pharmaceutical Bulletin, 2020, 43, 184-187.	1.4	2
5	Donepezil modulates amyloid precursor protein endocytosis and reduction by up-regulation of SNX33 expression in primary cortical neurons. Scientific Reports, 2019, 9, 11922.	3.3	20
6	Increased CCL6 expression in astrocytes and neuronal protection from neuronâ€“astrocyte interactions. Biochemical and Biophysical Research Communications, 2019, 519, 777-782.	2.1	10
7	Protective Effect of Green Perilla-Derived Chalcone Derivative DDC on Amyloid Î² Protein-Induced Neurotoxicity in Primary Cortical Neurons. Biological and Pharmaceutical Bulletin, 2019, 42, 1942-1946.	1.4	7
8	Protective Effects of 2â€²,3â€²-Dihydroxy-4â€²,6â€²-dimethoxychalcone Derived from Green Perilla Leaves against UV Radiation-Induced Cell Injury in Human Cultured Keratinocytes. Biological and Pharmaceutical Bulletin, 2019, 42, 1936-1941.	1.4	3
9	Effects of 2â€²-3â€²-dihydroxy-4â€²,6â€²-dimethoxychalcone derived from green perilla on auricle thickness in chronic contact dermatitis model mice. Journal of Pharmacological Sciences, 2019, 141, 17-24.	2.5	2
10	Multiplex Neural Circuit Tracing With G-Deleted Rabies Viral Vectors. Frontiers in Neural Circuits, 2019, 13, 77.	2.8	28
11	Neuroprotective effect of an Nrf2-ARE activator identified from a chemical library on dopaminergic neurons. European Journal of Pharmacology, 2018, 818, 470-479.	3.5	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. Journal of Pharmacological Sciences, 2018, 138, 9-15.	2.5	22
13	Protective effect of an Nrf2-ARE activator identified from a chemical library on 6-hydroxydopamine-induced dopaminergic neuronal death. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 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. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO4-3-6.	0.0	0
15	Inhibitory effect of the gut microbial linoleic acid metabolites on BV-2 microglial cell activation. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO1-1-110.	0.0	0
16	Protective effect of Nrf2â€“ARE activator isolated from green perilla leaves on dopaminergic neuronal loss in a Parkinson's disease model. European Journal of Pharmacology, 2017, 798, 26-34.	3.5	32
17	Inhibitory effect of donepezil on bradykinin-induced increase in the intracellular calcium concentration in cultured cortical astrocytes. Journal of Pharmacological Sciences, 2017, 134, 37-44.	2.5	22
18	Integrin Î±5Î²1 expression on dopaminergic neurons is involved in dopaminergic neurite outgrowth on striatal neurons. Scientific Reports, 2017, 7, 42111.	3.3	23

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19	PE859, A Novel Curcumin Derivative, Inhibits Amyloid-Î² and Tau Aggregation, and Ameliorates Cognitive Dysfunction in Senescence-Accelerated Mouse Prone 8. Journal of Alzheimer's Disease, 2017, 59, 313-328.	2.6	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. Journal of Pharmaceutical Health Care and Sciences, 2016, 2, 17.	1.0	2
21	Reduction of Immunoreactivity Against theÂC-Terminal Region of the Intracellular Î±-Synuclein by Exogenous Î±-Synuclein Aggregates: Possibility of Conformational Changes. Journal of Parkinson's Disease, 2016, 6, 569-579.	2.8	5
22	Protective Effect of Dimethyl Fumarate on an Oxidative Stress Model Induced by Sodium Nitroprusside in Mice. Biological and Pharmaceutical Bulletin, 2016, 39, 1055-1059.	1.4	9
23	Compensatory role of the Nrf2â€“ARE pathway against paraquat toxicity: Relevance of 26S proteasome activity. Journal of Pharmacological Sciences, 2015, 129, 150-159.	2.5	19
24	Integrin-Associated Protein Promotes Neuronal Differentiation of Neural Stem/Progenitor Cells. PLoS ONE, 2015, 10, e0116741.	2.5	1
25	Staurosporine induces dopaminergic neurite outgrowth through AMP-activated protein kinase/mammalian target of rapamycin signaling pathway. Neuropharmacology, 2014, 77, 39-48.	4.1	24
26	Non-toxic conformer of amyloid Î² may suppress amyloid Î²-induced toxicity in rat primary neurons: Implications for a novel therapeutic strategy for Alzheimerâ€™s disease. Biochemical and Biophysical Research Communications, 2013, 438, 1-5.	2.1	17
27	Toxicity in Rat Primary Neurons through the Cellular Oxidative Stress Induced by the Turn Formation at Positions 22 and 23 of AÎ²42. ACS Chemical Neuroscience, 2012, 3, 674-681.	3.5	31
28	Isolation, identification, and biological evaluation of Nrf2-ARE activator from the leaves of green perilla (Perilla frutescens var. crispa f. viridis). Free Radical Biology and Medicine, 2012, 53, 669-679.	2.9	45
29	Involvement of ERK in NMDA receptor-independent cortical neurotoxicity of hydrogen sulfide. Biochemical and Biophysical Research Communications, 2011, 414, 727-732.	2.1	23
30	HMGB1 inhibitor glycyrrhizin attenuates intracerebral hemorrhage-induced injury in rats. Neuropharmacology, 2011, 61, 975-980.	4.1	109
31	E22Î” Mutation in AmyloidÎ²-Protein PromotesÎ²-Sheet Transformation, Radical Production, and Synaptotoxicity, But Not Neurotoxicity. International Journal of Alzheimer's Disease, 2011, 2011, 1-8.	2.0	15
32	Glutathione Biosynthesis via Activation of the Nuclear Factor E2â€“Related Factor 2 (Nrf2) â€“ Antioxidant-Response Element (ARE) Pathway Is Essential for Neuroprotective Effects of Sulforaphane and 6-(Methylsulfinyl) Hexyl Isothiocyanate. Journal of Pharmacological Sciences, 2011, 115, 320-328.	2.5	79
33	Mechanisms of Chronic Nicotine Treatmentâ€“Induced Enhancement of the Sensitivity of Cortical Neurons to the Neuroprotective Effect of Donepezil in Cortical Neurons. Journal of Pharmacological Sciences, 2010, 112, 265-272.	2.5	4
34	Mechanisms of Neuroprotective Effects of Nicotine and Acetylcholinesterase Inhibitors: Role of Î±4 and Î±7 Receptors in Neuroprotection. Journal of Molecular Neuroscience, 2010, 40, 211-216.	2.3	173
35	Heme oxygenase-1 contributes to pathology associated with thrombin-induced striatal and cortical injury in organotypic slice culture. Brain Research, 2010, 1347, 170-178.	2.2	30
36	Elevation of heme oxygenaseâ€1 by proteasome inhibition affords dopaminergic neuroprotection. Journal of Neuroscience Research, 2010, 88, 1934-1942.	2.9	33

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37	Mitogenâ€activated protein kinases support survival of activated microglia that mediate thrombinâ€induced striatal injury in organotypic slice culture. Journal of Neuroscience Research, 2010, 88, 2155-2164.	2.9	24
38	Dopamine facilitates Î±-synuclein oligomerization in human neuroblastoma SH-SY5Y cells. Biochemical and Biophysical Research Communications, 2010, 391, 129-134.	2.1	39
39	PI3K/Akt/mTOR signaling regulates glutamate transporter 1 in astrocytes. Biochemical and Biophysical Research Communications, 2010, 393, 514-518.	2.1	92
40	Abeta-induced BACE-1 cleaves N-terminal sequence of mPGES-2. Biochemical and Biophysical Research Communications, 2010, 393, 728-733.	2.1	11
41	Long-term treatment with nicotine suppresses neurotoxicity of, and microglial activation by, thrombin in cortico-striatal slice cultures. European Journal of Pharmacology, 2009, 602, 288-293.	3.5	21
42	Nicotinic receptor stimulation protects nigral dopaminergic neurons in rotenoneâ€induced Parkinson's disease models. Journal of Neuroscience Research, 2009, 87, 576-585.	2.9	105
43	Rac1 inhibition negatively regulates transcriptional activity of the amyloid precursor protein gene. Journal of Neuroscience Research, 2009, 87, 2105-2114.	2.9	48
44	Retinoic acid receptor stimulation protects midbrain dopaminergic neurons from inflammatory degeneration via BDNFâ€mediated signaling. Journal of Neurochemistry, 2009, 110, 707-718.	3.9	80
45	Vulnerability to glutamate toxicity of dopaminergic neurons is dependent on endogenous dopamine and MAPK activation. Journal of Neurochemistry, 2009, 110, 745-755.	3.9	45
46	A role for SOX2 in the generation of microtubule-associated protein 2-positive cells from microglia. Biochemical and Biophysical Research Communications, 2009, 380, 60-64.	2.1	4
47	Basic fibroblast growth factor promotes the generation of microtubule-associated protein 2-positive cells from microglia. Biochemical and Biophysical Research Communications, 2009, 390, 1018-1022.	2.1	2
48	Foreword. Biological and Pharmaceutical Bulletin, 2009, 32, 317-317.	1.4	2
49	Roles of Nicotinic Receptors in Acetylcholinesterase Inhibitor-Induced Neuroprotection and Nicotinic Receptor Up-Regulation. Biological and Pharmaceutical Bulletin, 2009, 32, 318-324.	1.4	55
50	Multifunction of myricetin on AÎ²: Neuroprotection via a conformational change of AÎ² and reduction of AÎ² via the interference of secretases. Journal of Neuroscience Research, 2008, 86, 368-377.	2.9	100
51	Î±â€Aminoâ€3â€hydroxyâ€5â€methylâ€4â€isoxazole propionate attenuates glutamateâ€induced caspaseâ€3 cleavage via regulation of glycogen synthase kinase 3Î². Journal of Neuroscience Research, 2008, 86, 1096-1105.	2.9	20
52	Three distinct neuroprotective functions of myricetin against glutamateâ€induced neuronal cell death: Involvement of direct inhibition of caspaseâ€3. Journal of Neuroscience Research, 2008, 86, 1836-1845.	2.9	71
53	Mechanism of neuroprotection by donepezil pretreatment in rat cortical neurons chronically treated with donepezil. Journal of Neuroscience Research, 2008, 86, 3575-3583.	2.9	38
54	Toward the generation of rod and cone photoreceptors from mouse, monkey and human embryonic stem cells. Nature Biotechnology, 2008, 26, 215-224.	17.5	590

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55	Plasminogen Potentiates Thrombin Cytotoxicity and Contributes to Pathology of Intracerebral Hemorrhage in Rats. Journal of Cerebral Blood Flow and Metabolism, 2008, 28, 506-515.	4.3	28
56	Impaired muscarinic regulation of excitatory synaptic transmission in the APPswe/PS1dE9 mouse model of Alzheimer's disease. European Journal of Pharmacology, 2008, 583, 84-91.	3.5	39
57	Donepezil attenuates excitotoxic damage induced by membrane depolarization of cortical neurons exposed to veratridine. European Journal of Pharmacology, 2008, 588, 189-197.	3.5	12
58	Mechanisms of Î±7-nicotinic receptor up-regulation and sensitization to donepezil induced by chronic donepezil treatment. European Journal of Pharmacology, 2008, 590, 150-156.	3.5	29
59	Dibutyryl cyclic AMP induces differentiation of human neuroblastoma SH-SY5Y cells into a noradrenergic phenotype. Neuroscience Letters, 2008, 443, 199-203.	2.1	62
60	Chloride-dependent acute excitotoxicity in adult rat retinal ganglion cells. Neuropharmacology, 2008, 55, 677-686.	4.1	8
61	Flavonols and flavones as BACE-1 inhibitors: Structureâ€“activity relationship in cell-free, cell-based and in silico studies reveal novel pharmacophore features. Biochimica Et Biophysica Acta - General Subjects, 2008, 1780, 819-825.	2.4	192
62	Microtubule-associated protein 2-positive cells derived from microglia possess properties of functional neurons. Biochemical and Biophysical Research Communications, 2008, 368, 971-976.	2.1	14
63	A molecular pathway involved in the generation of microtubule-associated protein 2-positive cells from microglia. Biochemical and Biophysical Research Communications, 2008, 370, 184-188.	2.1	10
64	Phosphorylation of amyloid precursor protein (APP) at Tyr687 regulates APP processing by Î±- and Î³-secretase. Biochemical and Biophysical Research Communications, 2008, 377, 544-549.	2.1	19
65	Differential regulation of neurogenesis in two neurogenic regions of APPswe/PS1dE9 transgenic mice. NeuroReport, 2008, 19, 1361-1364.	1.2	31
66	Epigallocatechin-3-gallate and curcumin suppress amyloid beta-induced beta-site APP cleaving enzyme-1 upregulation. NeuroReport, 2008, 19, 1329-1333.	1.2	110
67	Wnt Signaling Promotes Regeneration in the Retina of Adult Mammals. Journal of Neuroscience, 2007, 27, 4210-4219.	3.6	306
68	Proteasome Inhibition Induces Glutathione Synthesis and Protects Cells from Oxidative Stress. Journal of Biological Chemistry, 2007, 282, 4364-4372.	3.4	126
69	Donepezil Potentiates Nerve Growth Factor-Induced Neurite Outgrowth in PC12 Cells. Journal of Pharmacological Sciences, 2007, 104, 349-354.	2.5	30
70	Mulberry leaf extract prevents amyloid beta-peptide fibril formation and neurotoxicity. NeuroReport, 2007, 18, 813-816.	1.2	59
71	Decreased proliferation of hippocampal progenitor cells in APPswe/PS1dE9 transgenic mice. NeuroReport, 2007, 18, 1801-1805.	1.2	76
72	Involvement of thrombin and mitogen-activated protein kinase pathways in hemorrhagic brain injury. Experimental Neurology, 2007, 206, 43-52.	4.1	86

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73	Contribution of endogenous glycine and d-serine to excitotoxic and ischemic cell death in rat cerebrocortical slice cultures. Life Sciences, 2007, 81, 740-749.	4.3	37
74	Microgliaâ€derived interleukinâ€6 and leukaemia inhibitory factor promote astrocytic differentiation of neural stem/progenitor cells. European Journal of Neuroscience, 2007, 25, 649-658.	2.6	262
75	Resveratrol protects dopaminergic neurons in midbrain slice culture from multiple insults. Biochemical Pharmacology, 2007, 73, 550-560.	4.4	186
76	Novel neuroprotective mechanisms of pramipexole, an anti-Parkinson drug, against endogenous dopamine-mediated excitotoxicity. European Journal of Pharmacology, 2007, 557, 132-140.	3.5	36
77	Amyloid Î²-peptide preconditioning reduces glutamate-induced neurotoxicity by promoting endocytosis of NMDA receptor. Biochemical and Biophysical Research Communications, 2006, 351, 259-265.	2.1	49
78	Neuroprotective action of donepezil mediated by neuronal nicotinic receptors. Psychogeriatrics, 2006, 6, S47.	1.2	3
79	Involvement of apoptosis and cholinergic dysfunction in Alzheimer's disease. Psychogeriatrics, 2006, 6, S57-S63.	1.2	3
80	Contribution of endogenous glycine site NMDA agonists to excitotoxic retinal damage in vivo. Neuroscience Research, 2006, 56, 279-285.	1.9	34
81	Acetylcholinesterase inhibitors used in treatment of Alzheimer's disease prevent glutamate neurotoxicity via nicotinic acetylcholine receptors and phosphatidylinositol 3-kinase cascade. Neuropharmacology, 2006, 51, 474-486.	4.1	169
82	Preclinical Evidence of Neuroprotection by Cholinesterase Inhibitors. Alzheimer Disease and Associated Disorders, 2006, 20, S8-S11.	1.3	54
83	A Critical Role of TRPM2 in Neuronal Cell Death by Hydrogen Peroxide. Journal of Pharmacological Sciences, 2006, 101, 66-76.	2.5	185
84	Nitric oxide-producing microglia mediate thrombin-induced degeneration of dopaminergic neurons in rat midbrain slice culture. Journal of Neurochemistry, 2006, 97, 1232-1242.	3.9	34
85	Aminoglutethimide prevents excitotoxic and ischemic injuries in cortical neurons. British Journal of Pharmacology, 2006, 147, 729-736.	5.4	10
86	Nitric oxide-mediated effect of nipradilol, an Î±- and Î²-adrenergic blocker, on glutamate neurotoxicity in rat cortical cultures. European Journal of Pharmacology, 2006, 535, 86-94.	3.5	16
87	Serofendic acid, a neuroprotective substance derived from fetal calf serum, inhibits mitochondrial membrane depolarization and caspase-3 activation. European Journal of Pharmacology, 2006, 542, 69-76.	3.5	23
88	Neuroprotective effects of galanthamine and tacrine against glutamate neurotoxicity. European Journal of Pharmacology, 2006, 549, 19-26.	3.5	37
89	Thrombin-induced delayed injury involves multiple and distinct signaling pathways in the cerebral cortex and the striatum in organotypic slice cultures. Neurobiology of Disease, 2006, 22, 130-142.	4.4	49
90	Glutamate Excitotoxicity Is Involved in Cell Death Caused by Tributyltin in Cultured Rat Cortical Neurons. Toxicological Sciences, 2006, 89, 235-242.	3.1	57

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91	Effects of R-(-)-BPAP on the Expressions of Neurotrophins and Their Receptors in Mesencephalic Slices. Biological and Pharmaceutical Bulletin, 2005, 28, 1524-1526.	1.4	4
92	Tetraethylammonium exacerbates ischemic neuronal injury in rat cerebrocortical slice cultures. European Journal of Pharmacology, 2005, 508, 85-91.	3.5	11
93	Up-regulation of nicotinic acetylcholine receptors by central-type acetylcholinesterase inhibitors in rat cortical neurons. European Journal of Pharmacology, 2005, 527, 77-85.	3.5	57
94	p-quinone mediates 6-hydroxydopamine-induced dopaminergic neuronal death and ferrous iron accelerates the conversion ofp-quinone into melanin extracellularly. Journal of Neuroscience Research, 2005, 79, 849-860.	2.9	89
95	Iron accelerates the conversion of dopamine-oxidized intermediates into melanin and provides protection in SH-SY5Y cells. Journal of Neuroscience Research, 2005, 82, 126-137.	2.9	35
96	Protective effect of serofendic acid on glutamate-induced neurotoxicity in rat cultured motor neurons. Neuroscience Letters, 2005, 383, 199-202.	2.1	13
97	Stimulation of nicotinic acetylcholine receptors protects motor neurons. Biochemical and Biophysical Research Communications, 2005, 330, 1285-1289.	2.1	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 Î±-Synuclein Inclusions. Journal of Biological Chemistry, 2004, 279, 10710-10719.	3.4	103
100	Endogenous d-Serine Is Involved in Induction of Neuronal Death by N-Methyl-d-aspartate and Simulated Ischemia in Rat Cerebrocortical Slices. Journal of Pharmacology and Experimental Therapeutics, 2004, 311, 836-844.	2.5	100
101	Serofendic Acid, a Sulfur-Containing Diterpenoid Derived from Fetal Calf Serum, Attenuates Reactive Oxygen Species-Induced Oxidative Stress in Cultured Striatal Neurons. Journal of Pharmacology and Experimental Therapeutics, 2004, 311, 51-59.	2.5	28
102	Effects of mitochondrial dysfunction on glutamate receptor-mediated neurotoxicity in cultured rat spinal motor neurons. Brain Research, 2004, 1015, 73-81.	2.2	50
103	Î±-Tocotrienol provides the most potent neuroprotection among vitamin E analogs on cultured striatal neurons. Neuropharmacology, 2004, 47, 904-915.	4.1	121
104	Mechanisms of oxygen glucose deprivation-induced glutamate release from cerebrocortical slice cultures. Neuroscience Research, 2004, 50, 179-187.	1.9	61
105	Endogenous Factors Regulating Neuronal Death Induced by Radical Stress. Biological and Pharmaceutical Bulletin, 2004, 27, 964-967.	1.4	10
106	Neuroprotective mechanisms of antiparkinsonian dopamine D2-receptor subfamily agonists. Neurochemical Research, 2003, 28, 1035-1040.	3.3	35
107	Serofendic acid prevents acute glutamate neurotoxicity in cultured cortical neurons. European Journal of Pharmacology, 2003, 477, 195-203.	3.5	26
108	Neuroprotective effects of Î±-tocopherol on oxidative stress in rat striatal cultures. European Journal of Pharmacology, 2003, 465, 15-22.	3.5	65

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109	Phosphodiesterase inhibitors are neuroprotective to cultured spinal motor neurons. Journal of Neuroscience Research, 2003, 71, 485-495.	2.9	62
110	Hyperbilirubinemia protects against focal ischemia in rats. Journal of Neuroscience Research, 2003, 71, 544-550.	2.9	36
111	Lipopolysaccharideâ€induced dopaminergic cell death in rat midbrain slice cultures: role of inducible nitric oxide synthase and protection by indomethacin. Journal of Neurochemistry, 2003, 86, 1201-1212.	3.9	43
112	Pharmacological and physiological properties of serofendic acid, a novel neuroprotective substance isolated from fetal calf serum. Life Sciences, 2003, 74, 263-269.	4.3	9
113	Inhibition of glutamate-induced nitric oxide synthase activation by dopamine in cultured rat retinal neurons. Neuroscience Letters, 2003, 347, 155-158.	2.1	13
114	Nicotinic Acetylcholine Receptor-Mediated Neuroprotection by Donepezil Against Glutamate Neurotoxicity in Rat Cortical Neurons. Journal of Pharmacology and Experimental Therapeutics, 2003, 306, 772-777.	2.5	194
115	Dopamine is involved in selectivity of dopaminergic neuronal death by rotenone. NeuroReport, 2003, 14, 2425-2428.	1.2	46
116	Retinal Neurotoxicity of Nitric Oxide Donors With Different Half-Life of Nitric Oxide Release: Involvement of N-Methyl-D-aspartate Receptor. Journal of Pharmacological Sciences, 2003, 92, 428-432.	2.5	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. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 3288-3293.	7.1	53
120	Estradiol protects dopaminergic neurons in a MPP+Parkinsonâ€™s disease model. Neuropharmacology, 2002, 42, 1056-1064.	4.1	109
121	Identification and Characterization of Novel Human Cav2.2 (Î±1B) Calcium Channel Variants Lacking the Synaptic Protein Interaction Site. Journal of Neuroscience, 2002, 22, 82-92.	3.6	70
122	Regulation of N-methyl-d-aspartate cytotoxicity by neuroactive steroids in rat cortical neurons. European Journal of Pharmacology, 2002, 454, 165-175.	3.5	19
123	Antagonism of NMDA receptors by Ïƒ receptor ligands attenuates chemical ischemia-induced neuronal death in vitro. European Journal of Pharmacology, 2002, 455, 91-100.	3.5	57
124	Vitamin B6 protects primate retinal neurons from ischemic injury. Brain Research, 2002, 940, 36-43.	2.2	23
125	Protective effect of dopamine D2 agonists in cortical neurons via the phosphatidylinositol 3 kinase cascade. Journal of Neuroscience Research, 2002, 70, 274-282.	2.9	87
126	Depletion of Intracellular Glutathione Increases Susceptibility to Nitric Oxide in Mesencephalic Dopaminergic Neurons. Journal of Neurochemistry, 2002, 73, 1696-1703.	3.9	48

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127	Activation of Inositol 1,4,5-Trisphosphate Receptor Is Essential for the Opening of Mouse TRP5 Channels. Molecular Pharmacology, 2001, 60, 989-998.	2.3	57
128	Superoxide dismutase activity in organotypic midbrain-striatum co-cultures is associated with resistance of dopaminergic neurons to excitotoxicity. Journal of Neurochemistry, 2001, 76, 1336-1345.	3.9	25
129	Nongenomic antiapoptotic signal transduction by estrogen in cultured cortical neurons. Journal of Neuroscience Research, 2001, 64, 466-475.	2.9	121
130	N â€methylâ€<scp>D</scp> â€aspartate receptorâ€mediated mitochondrial Ca ²⁺ overload in acute excitotoxic motor neuron death: A mechanism distinct from chronic neurotoxicity after Ca ²⁺ influx. Journal of Neuroscience Research, 2001, 63, 377-387.	2.9	117
131	Î±-Synuclein protein is not scavenged in neuronal loss induced by kainic acid or focal ischemia. Brain Research, 2001, 898, 181-185.	2.2	11
132	Î±7 Nicotinic Receptor Transduces Signals to Phosphatidylinositol 3-Kinase to Block A Î²-Amyloid-induced Neurotoxicity. Journal of Biological Chemistry, 2001, 276, 13541-13546.	3.4	385
133	Binding of GÎ±o N Terminus Is Responsible for the Voltage-resistant Inhibition of Î±1A (P/Q-type, Cav2.1) Ca2+ Channels. Journal of Biological Chemistry, 2001, 276, 28731-28738.	3.4	29
134	Protection of cultured spinal motor neurons by estradiol. NeuroReport, 2000, 11, 3493-3497.	1.2	67
135	Phosphatidylinositol 3-kinase mediates neuroprotection by estrogen in cultured cortical neurons. Journal of Neuroscience Research, 2000, 60, 321-327.	2.9	220
136	Neuroprotective Mechanism of Glial Cell Lineâ€Derived Neurotrophic Factor in Mesencephalic Neurons. Journal of Neurochemistry, 2000, 74, 1175-1184.	3.9	79
137	p75-mediated neuroprotection by NGF against glutamate cytotoxicity in cortical cultures. Brain Research, 2000, 852, 279-289.	2.2	79
138	Involvement of direct inhibition of NMDA receptors in the effects of Ïƒ-receptor ligands on glutamate neurotoxicity in vitro. European Journal of Pharmacology, 2000, 404, 41-48.	3.5	28
139	Protective effects of ifenprodil against glutamate-induced neurotoxicity in cultured retinal neurons. Graefe's Archive for Clinical and Experimental Ophthalmology, 2000, 238, 846-852.	1.9	6
140	Mechanisms of antiapoptotic effects of estrogens in nigral dopaminergic neurons. FASEB Journal, 2000, 14, 1202-1214.	0.5	149
141	Lomerizine, a Ca2+Channel Blocker, Reduces Glutamate-induced Neurotoxicity and Ischemia/Reperfusion Damage in Rat Retina. Experimental Eye Research, 2000, 70, 475-484.	2.6	91
142	Phosphatidylinositol 3-kinase mediates neuroprotection by estrogen in cultured cortical neurons. Journal of Neuroscience Research, 2000, 60, 321.	2.9	6
143	Protective Effect of Aminoguanidine on Hypoxic-Ischemic Brain Damage and Temporal Profile of Brain Nitric Oxide in Neonatal Rat. Pediatric Research, 2000, 47, 79-79.	2.3	80
144	Nitric Oxide and Retinal Ischemia. , 2000, , 153-179.		0

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145	Differential Expression of Small Heat Shock Proteins in Reactive Astrocytes after Focal Ischemia: Possible Role of Î²-Adrenergic Receptor. Journal of Neuroscience, 1999, 19, 9768-9779.	3.6	54
146	Apoptotic DNA fragmentation and upregulation of Bax induced by transient ischemia of the rat retina. Brain Research, 1999, 815, 11-20.	2.2	61
147	Receptor-Mediated Modulation of Voltage-Dependent Ca2+ Channels via Heterotrimeric G-proteins in Neurons.. The Japanese Journal of Pharmacology, 1999, 81, 324-331.	1.2	20
148	Dopamine D2-type agonists protect mesencephalic neurons from glutamate neurotoxicity: Mechanisms of neuroprotective treatment against oxidative stress. Annals of Neurology, 1998, 44, 110-119.	5.3	275
149	Mechanism of selective motor neuronal death after exposure of spinal cord to glutamate: Involvement of glutamateâ€induced nitric oxide in motor neuron toxicity and nonmotor neuron protection. Annals of Neurology, 1998, 44, 796-807.	5.3	95
150	Estradiol protects mesencephalic dopaminergic neurons from oxidative stress-induced neuronal death. Journal of Neuroscience Research, 1998, 54, 707-719.	2.9	224
151	Mechanism of the pathogenesis of glutamate neurotoxicity in retinal ischemia. Graefe's Archive for Clinical and Experimental Ophthalmology, 1998, 236, 766-774.	1.9	106
152	Localization of fractalkine and CX3CR1 mRNAs in rat brain: does fractalkine play a role in signaling from neuron to microglia?. FEBS Letters, 1998, 429, 167-172.	2.8	309
153	Increase in nitric oxide in the hypoxicâ€“ischemic neonatal rat brain and suppression by 7-nitroindazole and aminoguanidine. European Journal of Pharmacology, 1998, 342, 47-49.	3.5	67
154	Inhibition of NMDA receptors and nitric oxide synthase reduces ischemic injury of the retina. European Journal of Pharmacology, 1998, 350, 53-57.	3.5	70
155	Protective Effect of MKC-231, a Novel High Affinity Choline Uptake Enhancer, on Glutamate Cytotoxicity in Cultured Cortical Neurons. The Japanese Journal of Pharmacology, 1998, 76, 219-222.	1.2	7
156	Bifemelane Protects Cultured Cortical Neurons Against N-Methyl-D-aspartate Receptor-Mediated Glutamate Cytotoxicity. The Japanese Journal of Pharmacology, 1998, 76, 313-316.	1.2	3
157	Estradiol protects mesencephalic dopaminergic neurons from oxidative stressâ€induced neuronal death. Journal of Neuroscience Research, 1998, 54, 707-719.	2.9	7
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