Carsten Culmsee

List of Publications by Year
in descending order

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Version: 2024-02-01

137 papers	12,252 citations	30070 54 h-index	26613 107 g-index
148 all docs	148 docs citations	148 times ranked	15676 citing authors

#	Article	IF	Citations
1	SK-Channel Activation Alters Peripheral Metabolic Pathways in Mice, but Not Lipopolysaccharide-Induced Fever or Inflammation. Journal of Inflammation Research, 2022, Volume 15, 509-531.	3.5	1
2	Cytochrome c Oxidase Inhibition by ATP Decreases Mitochondrial ROS Production. Cells, 2022, 11, 992.	4.1	8
3	Treat more than heatâ€"New therapeutic implications of Cimicifuga racemosa through AMPK-dependent metabolic effects. Phytomedicine, 2022, 100, 154060.	5.3	4
4	Inhibition of Carbonic Anhydrase 2 Overcomes Temozolomide Resistance in Glioblastoma Cells. International Journal of Molecular Sciences, 2022, 23, 157.	4.1	11
5	Cyclase-associated protein 2 (CAP2) controls MRTF-A localization and SRF activity in mouse embryonic fibroblasts. Scientific Reports, 2021, 11, 4789.	3.3	2
6	Exogenous Alpha-Synuclein Evoked Parkin Downregulation Promotes Mitochondrial Dysfunction in Neuronal Cells. Implications for Parkinsonâ€™s Disease Pathology. Frontiers in Aging Neuroscience, 2021, 13, 591475.	3.4	26
7	Characterization of Novel Diphenylamine Compounds as Ferroptosis Inhibitors. Journal of Pharmacology and Experimental Therapeutics, 2021, 378, 184-196.	2.5	5
8	Design, Optimization, and Structural Characterization of an Apoptosis-Inducing Factor Peptide Targeting Human Cyclophilin A to Inhibit Apoptosis Inducing Factor-Mediated Cell Death. Journal of Medicinal Chemistry, 2021, 64, 11445-11459.	6.4	5
9	RIPK1 or RIPK3 deletion prevents progressive neuronal cell death and improves memory function after traumatic brain injury. Acta Neuropathologica Communications, 2021, 9, 138.	5.2	27
10	Cimicifuga racemosa Extract Ze 450 Re-Balances Energy Metabolism and Promotes Longevity. Antioxidants, 2021, 10, 1432.	5.1	7
11	Cofilin1 oxidation links oxidative distress to mitochondrial demise and neuronal cell death. Cell Death and Disease, 2021, 12, 953.	6.3	14
12	Sexâ€dependent effects of Cacna1c haploinsufficiency on juvenile social play behavior and proâ€social 50â€kHz ultrasonic communication in rats. Genes, Brain and Behavior, 2020, 19, e12552.	2.2	29
13	SK channel activation potentiates auranofin-induced cell death in glio- and neuroblastoma cells. Biochemical Pharmacology, 2020, 171, 113714.	4.4	16
14	The neuroprotective role of microglial cells against amyloid betaâ€mediated toxicity in organotypic hippocampal slice cultures. Brain Pathology, 2020, 30, 589-602.	4.1	25
15	Dynasore Blocks Ferroptosis through Combined Modulation of Iron Uptake and Inhibition of Mitochondrial Respiration. Cells, 2020, 9, 2259.	4.1	27
16	Medication Review by Community Pharmacists for Type 2 Diabetes Patients in Routine Care: Results of the DIATHEM-Study. Frontiers in Pharmacology, 2020, 11, 1176.	3.5	10
17	SK channel-mediated metabolic escape to glycolysis inhibits ferroptosis and supports stress resistance in C. elegans. Cell Death and Disease, 2020, 11, 263.	6.3	34
18	A new approach on assessing clinical pharmacistsâ€™ impact on prescribing errors in a surgical intensive care unit. International Journal of Clinical Pharmacy, 2019, 41, 1184-1192.	2.1	18

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19	Protamine Sulfate Induces Mitochondrial Hyperpolarization and a Subsequent Increase in Reactive Oxygen Species Production. Journal of Pharmacology and Experimental Therapeutics, 2019, 370, 308-317.	2.5	15
20	Actin(g) on mitochondria â€“ a role for cofilin1 in neuronal cell death pathways. Biological Chemistry, 2019, 400, 1089-1097.	2.5	34
21	Interaction of the Psychiatric Risk Gene Cacna1c With Post-weaning Social Isolation or Environmental Enrichment Does Not Affect Brain Mitochondrial Bioenergetics in Rats. Frontiers in Cellular Neuroscience, 2019, 13, 483.	3.7	4
22	Central Application of Aliskiren, a Renin Inhibitor, Improves Outcome After Experimental Stroke Independent of Its Blood Pressure Lowering Effect. Frontiers in Neurology, 2019, 10, 942.	2.4	10
23	The Potential Role of Ferroptosis in Neonatal Brain Injury. Frontiers in Neuroscience, 2019, 13, 115.	2.8	83
24	Metabolic effects of Cimicifuga racemosa extract Ze450 on neuronal cells. Maturitas, 2019, 124, 139.	2.4	0
25	Antiproliferative effects of cimicifuga racemosa root extract Ze 450 mediated by inhibition of oxidative phosphorylation and indirect AMPK activation. Maturitas, 2019, 124, 138.	2.4	0
26	Sex differences in neonatal mouse brain injury after hypoxiaâ€ischemia and adaptaquin treatment. Journal of Neurochemistry, 2019, 150, 759-775.	3.9	20
27	Mitochondrial damage by Î±-synuclein causes cell death in human dopaminergic neurons. Cell Death and Disease, 2019, 10, 865.	6.3	112
28	Free Fatty Acids in Bone Pathophysiology of Rheumatic Diseases. Frontiers in Immunology, 2019, 10, 2757.	4.8	26
29	Metabolic switch induced by Cimicifuga racemosa extract prevents mitochondrial damage and oxidative cell death. Phytomedicine, 2019, 52, 107-116.	5.3	16
30	Neurobiology of the major psychoses: a translational perspective on brain structure and functionâ€”the FOR2107 consortium. European Archives of Psychiatry and Clinical Neuroscience, 2019, 269, 949-962.	3.2	103
31	Extracellular Alpha-Synuclein Oligomers Induce Parkin S-Nitrosylation: Relevance to Sporadic Parkinsonâ€™s Disease Etiopathology. Molecular Neurobiology, 2019, 56, 125-140.	4.0	37
32	Metabolic escape to glycolysis through SK channel activation inhibits ferroptosis and increases the life span of C. elegans in conditions of heat stress. FASEB Journal, 2019, 33, 665.7.	0.5	0
33	Mitochondrial rescue prevents glutathione peroxidase-dependent ferroptosis. Free Radical Biology and Medicine, 2018, 117, 45-57.	2.9	223
34	One protein, different cell fate: the differential outcome of depleting GRP75 during oxidative stress in neurons. Cell Death and Disease, 2018, 9, 32.	6.3	13
35	Cylindromatosis mediates neuronal cell death in vitro and in vivo. Cell Death and Differentiation, 2018, 25, 1394-1407.	11.2	28
36	Mitochondrial Ca2+-activated K+ channels and their role in cell life and death pathways. Cell Calcium, 2018, 69, 101-111.	2.4	52

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37	Guidelines on experimental methods to assess mitochondrial dysfunction in cellular models of neurodegenerative diseases. Cell Death and Differentiation, 2018, 25, 542-572.	11.2	120
38	Effects of Cimicifuga racemosa extract Ze450 on mitochondria in models of oxidative stress in neuronal cells. Data in Brief, 2018, 21, 1872-1879.	1.0	3
39	SK channel activation is neuroprotective in conditions of enhanced ERâ€“mitochondrial coupling. Cell Death and Disease, 2018, 9, 593.	6.3	8
40	Psychiatric risk gene Cacna1c determines mitochondrial resilience against oxidative stress in neurons. Cell Death and Disease, 2018, 9, 645.	6.3	13
41	Involvement of Apoptosis-Inducing Factor (AIF) in Neuronal Cell Death Following Cerebral Ischemia. , 2018, , 103-114.		1
42	Downregulation of the psychiatric susceptibility gene Cacna1c promotes mitochondrial resilience to oxidative stress in neuronal cells. Cell Death Discovery, 2018, 4, 54.	4.7	29
43	The VAMPâ€associated protein VAPB is required for cardiac and neuronal pacemaker channel function. FASEB Journal, 2018, 32, 6159-6173.	0.5	19
44	Cacna1c haploinsufficiency leads to pro-social 50-kHz ultrasonic communication deficits in rats. DMM Disease Models and Mechanisms, 2018, 11, .	2.4	51
45	Mitochondria, Microglia, and the Immune Systemâ€”How Are They Linked in Affective Disorders?. Frontiers in Psychiatry, 2018, 9, 739.	2.6	64
46	SK2 channels regulate mitochondrial respiration and mitochondrial Ca2+ uptake. Cell Death and Differentiation, 2017, 24, 761-773.	11.2	48
47	Small conductance Ca 2+ -activated K + channels in the plasma membrane, mitochondria and the ER: Pharmacology and implications in neuronal diseases. Neurochemistry International, 2017, 109, 13-23.	3.8	31
48	A Small-Molecule Inhibitor of Bax and Bak Oligomerization Prevents Genotoxic Cell Death and Promotes Neuroprotection. Cell Chemical Biology, 2017, 24, 493-506.e5.	5.2	76
49	BID links ferroptosis to mitochondrial cell death pathways. Redox Biology, 2017, 12, 558-570.	9.0	245
50	Drug Safety Analysis in a Real-Life Cohort of Parkinsonâ€™s Disease Patients with Polypharmacy. CNS Drugs, 2017, 31, 1093-1102.	5.9	15
51	Glucose-regulated protein 75 determines ERâ€“mitochondrial coupling and sensitivity to oxidative stress in neuronal cells. Cell Death Discovery, 2017, 3, 17076.	4.7	100
52	Cofilin1-dependent actin dynamics control DRP1-mediated mitochondrial fission. Cell Death and Disease, 2017, 8, e3063-e3063.	6.3	74
53	Lithium protects hippocampal progenitors, cognitive performance and hypothalamus-pituitary function after irradiation to the juvenile rat brain. Oncotarget, 2017, 8, 34111-34127.	1.8	27
54	Inhibition of HIF-prolyl-4-hydroxylases prevents mitochondrial impairment and cell death in a model of neuronal oxytosis. Cell Death and Disease, 2016, 7, e2214-e2214.	6.3	38

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55	Current concepts in chronic inflammatory diseases: Interactions between microbes, cellular metabolism, and inflammation. Journal of Allergy and Clinical Immunology, 2016, 138, 47-56.	2.9	35
56	Therapeutic targeting of oxygen-sensing prolyl hydroxylases abrogates ATF4-dependent neuronal death and improves outcomes after brain hemorrhage in several rodent models. Science Translational Medicine, 2016, 8, 328ra29.	12.4	106
57	Activation of SK2 channels preserves ER Ca2+ homeostasis and protects against ER stress-induced cell death. Cell Death and Differentiation, 2016, 23, 814-827.	11.2	37
58	SK channel activation modulates mitochondrial respiration and attenuates neuronal HT-22 cell damage induced by H2O2. Neurochemistry International, 2015, 81, 63-75.	3.8	30
59	Central Inhibition of IKKÎ²/NF-Î°B Signaling Attenuates High-Fat Dietâ€“Induced Obesity and Glucose Intolerance. Diabetes, 2015, 64, 2015-2027.	0.6	106
60	The metalloprotease-disintegrin ADAM8 contributes to temozolomide chemoresistance and enhanced invasiveness of human glioblastoma cells. Neuro-Oncology, 2015, 17, 1474-1485.	1.2	48
61	Î± 1-antitrypsin modulates microglial-mediated neuroinflammation and protects microglial cells from amyloid-Î²-induced toxicity. Journal of Neuroinflammation, 2014, 11, 165.	7.2	37
62	Inhibition of the AIF/CypA complex protects against intrinsic death pathways induced by oxidative stress. Cell Death and Disease, 2014, 5, e993-e993.	6.3	54
63	Pifithrin-Î± provides neuroprotective effects at the level of mitochondria independently of p53 inhibition. Apoptosis: an International Journal on Programmed Cell Death, 2014, 19, 1665-1677.	4.9	14
64	The serine protease inhibitor TLCK attenuates intrinsic death pathways in neurons upstream of mitochondrial demise. Apoptosis: an International Journal on Programmed Cell Death, 2014, 19, 1545-1558.	4.9	11
65	Nâ€Acyl Derivatives of 4â€Phenoxyaniline as Neuroprotective Agents. ChemMedChem, 2014, 9, 2260-2273.	3.2	10
66	Subcellular expression and neuroprotective effects of SK channels in human dopaminergic neurons. Cell Death and Disease, 2014, 5, e999-e999.	6.3	56
67	Novel N-Phenylâ€“Substituted Thiazolidinediones Protect Neural Cells against Glutamate- and tBid-Induced Toxicity. Journal of Pharmacology and Experimental Therapeutics, 2014, 350, 273-289.	2.5	14
68	Trifluoperazine rescues human dopaminergic cells from wild-type Î±-synuclein-induced toxicity. Neurobiology of Aging, 2014, 35, 1700-1711.	3.1	48
69	Overexpression of suppressor of cytokine signaling 3 in the arcuate nucleus of juvenile Phodopus sungorus alters seasonal body weight changes. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2013, 183, 1101-1111.	1.5	3
70	Effectiveness of intermittent pneumatic compression in reduction of risk of deep vein thrombosis in patients who have had a stroke (CLOTS 3): a multicentre randomised controlled trial. Lancet, The, 2013, 382, 516-524.	13.7	295
71	Oxidative stress and neurodegeneration. Neurochemistry International, 2013, 62, 521.	3.8	5
72	Mitochondrial Small Conductance SK2 Channels Prevent Glutamate-induced Oxytosis and Mitochondrial Dysfunction. Journal of Biological Chemistry, 2013, 288, 10792-10804.	3.4	80

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73	Inhibition of Drp1 provides neuroprotection in vitro and in vivo. Cell Death and Differentiation, 2012, 19, 1446-1458.	11.2	280
74	AIF depletion provides neuroprotection through a preconditioning effect. Apoptosis: an International Journal on Programmed Cell Death, 2012, 17, 1027-1038.	4.9	27
75	Activation of KCNN3/SK3/K_{Ca}2.3 channels attenuates enhanced calcium influx and inflammatory cytokine production in activated microglia. Glia, 2012, 60, 2050-2064.	4.9	36
76	Protective Roles for Potassium SK/KCa2 Channels in Microglia and Neurons. Frontiers in Pharmacology, 2012, 3, 196.	3.5	35
77	Impedance measurement for real time detection of neuronal cell death. Journal of Neuroscience Methods, 2012, 203, 69-77.	2.5	88
78	Statins â€" increasing or reducing the risk of Parkinson's disease?. Experimental Neurology, 2011, 228, 1-4.	4.1	11
79	Targeting the p53 pathway to protect the neonatal ischemic brain. Annals of Neurology, 2011, 70, 255-264.	5.3	88
80	KCa2 channels activation prevents [Ca2+]i deregulation and reduces neuronal death following glutamate toxicity and cerebral ischemia. Cell Death and Disease, 2011, 2, e147-e147.	6.3	49
81	Tf-lipoplex-mediated c-Jun silencing improves neuronal survival following excitotoxic damage in vivo. Journal of Controlled Release, 2010, 142, 392-403.	9.9	48
82	Bid mediates fission, membrane permeabilization and peri-nuclear accumulation of mitochondria as a prerequisite for oxidative neuronal cell death. Brain, Behavior, and Immunity, 2010, 24, 831-838.	4.1	78
83	Significant Role of Apoptosis-Inducing Factor (AIF) for Brain Damage Following Focal Cerebral Ischemia. , 2010, , 91-101.		1
84	Targeting Î²2-Adrenoceptors for Neuroprotection After Cerebral Ischemia: Is Inhibition or Stimulation Best?. Anesthesia and Analgesia, 2009, 108, 3-5.	2.2	6
85	A synthetic inhibitor of p53 protects neurons against death induced by ischemic and excitotoxic insults, and amyloid Î²-peptide. Journal of Neurochemistry, 2008, 77, 220-228.	3.9	11
86	Tf-lipoplexes for neuronal siRNA delivery: A promising system to mediate gene silencing in the CNS. Journal of Controlled Release, 2008, 132, 113-123.	9.9	75
87	Glutathione Peroxidase 4 Senses and Translates Oxidative Stress into 12/15-Lipoxygenase Dependent- and AIF-Mediated Cell Death. Cell Metabolism, 2008, 8, 237-248.	16.2	1,009
88	Egr-1 Regulates Expression of the Glial Scar Component Phosphacan in Astrocytes after Experimental Stroke. American Journal of Pathology, 2008, 173, 77-92.	3.8	57
89	Causal Role of Apoptosis-Inducing Factor for Neuronal Cell Death Following Traumatic Brain Injury. American Journal of Pathology, 2008, 173, 1795-1805.	3.8	75
90	Parkin Mediates Neuroprotection through Activation of IÂB Kinase/Nuclear Factor-ÂB Signaling. Journal of Neuroscience, 2007, 27, 1868-1878.	3.6	171

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91	Bone marrow stromal cells mediate protection through stimulation of PI3-K/Akt and MAPK signaling in neurons. Neurochemistry International, 2007, 50, 243-250.	3.8	78
92	Synthesis and characterization of chemically condensed oligoethylenimine containing beta-aminopropionamide linkages for siRNA delivery. Biomaterials, 2007, 28, 3731-3740.	11.4	43
93	Apoptosis-inducing factor is a major contributor to neuronal loss induced by neonatal cerebral hypoxia-ischemia. Cell Death and Differentiation, 2007, 14, 775-784.	11.2	189
94	Ischaemic brain damage after stroke: new insights into efficient therapeutic strategies. EMBO Reports, 2007, 8, 129-133.	4.5	32
95	Enantio-selective effects of clenbuterol in cultured neurons and astrocytes, and in a mouse model of cerebral ischemia. European Journal of Pharmacology, 2007, 575, 57-65.	3.5	20
96	Proteomic Analysis Reveals Differences in Protein Expression in Spheroid versus Monolayer Cultures of Low-Passage Colon Carcinoma Cells. Journal of Proteome Research, 2007, 6, 4111-4118.	3.7	78
97	Emerging pharmacotherapeutic strategies for the treatment of ischemic stroke. Drug Discovery Today: Therapeutic Strategies, 2006, 3, 621-628.	0.5	5
98	Effects of Raf-1 siRNA on human cerebral microvascular endothelial cells: A potential therapeutic strategy for inhibition of tumor angiogenesis. Brain Research, 2006, 1125, 147-154.	2.2	10
99	Molecular Insights into Mechanisms of the Cell Death Program:Role in the Progression of Neurodegenerative Disorders. Current Alzheimer Research, 2006, 3, 269-283.	1.4	145
100	Structureâ€“activity relationships by interligand NOE-based design and synthesis of antiapoptotic compounds targeting Bid. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 12602-12606.	7.1	87
101	Nitric Oxide Donors Induce Neurotrophin-Like Survival Signaling and Protect Neurons against Apoptosis. Molecular Pharmacology, 2005, 68, 1006-1017.	2.3	42
102	p53 in neuronal apoptosis. Biochemical and Biophysical Research Communications, 2005, 331, 761-777.	2.1	359
103	Apoptosis-Inducing Factor Triggered by Poly(ADP-Ribose) Polymerase and Bid Mediates Neuronal Cell Death after Oxygen-Glucose Deprivation and Focal Cerebral Ischemia. Journal of Neuroscience, 2005, 25, 10262-10272.	3.6	309
104	Mechanisms of neuronal degeneration after ischemic stroke â€“ Emerging targets for novel therapeutic strategies. Drug Discovery Today Disease Mechanisms, 2005, 2, 463-470.	0.8	10
105	Targeting of Polyplexes: Toward Synthetic Virus Vector Systems. Advances in Genetics, 2005, 53PA, 333-354.	1.8	44
106	Apoptosis inducing factor (AIF) is essential for neuronal cell death following transient focal cerebral ischemia. Journal of Cerebral Blood Flow and Metabolism, 2005, 25, S466-S466.	4.3	0
107	Nuclear Translocation of Apoptosis-Inducing Factor after Focal Cerebral Ischemia. Journal of Cerebral Blood Flow and Metabolism, 2004, 24, 458-466.	4.3	160
108	Purification of polyethylenimine polyplexes highlights the role of free polycations in gene transfer. Journal of Gene Medicine, 2004, 6, 1102-1111.	2.8	417

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109	Combination Therapy in Ischemic Stroke: Synergistic Neuroprotective Effects of Memantine and Clenbuterol. Stroke, 2004, 35, 1197-1202.	2.0	90
110	Neuroprotection by transforming growth factor-Î²1 involves activation of nuclear factor-ÎºB through phosphatidylinositol-3-OH kinase/Akt and mitogen-activated protein kinase-extracellular-signal regulated kinase1,2 signaling pathways. Neuroscience, 2004, 123, 897-906.	2.3	146
111	The tyrosine phosphatase inhibitor orthovanadate mimics NGF-induced neuroprotective signaling in rat hippocampal neurons. Neurochemistry International, 2004, 44, 505-520.	3.8	24
112	Reciprocal Inhibition of p53 and Nuclear Factor-ÎºB Transcriptional Activities Determines Cell Survival or Death in Neurons. Journal of Neuroscience, 2003, 23, 8586-8595.	3.6	136
113	Presenilin-1 Mutations Sensitize Neurons to DNA Damage-Induced Death by a Mechanism Involving Perturbed Calcium Homeostasis and Activation of Calpains and Caspase-12. Neurobiology of Disease, 2002, 11, 2-19.	4.4	103
114	Transforming Growth Factor-Î²1 Increases Bad Phosphorylation and Protects Neurons Against Damage. Journal of Neuroscience, 2002, 22, 3898-3909.	3.6	258
115	A Dual Role for the SDF-1/CXCR4 Chemokine Receptor System in Adult Brain: Isoform-Selective Regulation of SDF-1 Expression Modulates CXCR4-Dependent Neuronal Plasticity and Cerebral Leukocyte Recruitment after Focal Ischemia. Journal of Neuroscience, 2002, 22, 5865-5878.	3.6	366
116	Stimulation of Î²-adrenoceptors activates astrocytes and provides neuroprotection. European Journal of Pharmacology, 2002, 446, 25-36.	3.5	94
117	p75 neurotrophin receptor is required for constitutive and NGF-induced survival signalling in PC12 cells and rat hippocampal neurones. Journal of Neurochemistry, 2002, 81, 594-605.	3.9	65
118	Corticotropin-Releasing Hormone Protects Neurons against Insults Relevant to the Pathogenesis of Alzheimer's Disease. Neurobiology of Disease, 2001, 8, 492-503.	4.4	102
119	Hippocampal neurons of mice deficient in DNA-dependent protein kinase exhibit increased vulnerability to DNA damage, oxidative stress and excitotoxicity. Molecular Brain Research, 2001, 87, 257-262.	2.3	72
120	Adaptive Plasticity in Tachykinin and Tachykinin Receptor Expression after Focal Cerebral Ischemia Is Differentially Linked to GABAergic and Glutamatergic Cerebrocortical Circuits and Cerebrovenular Endothelium. Journal of Neuroscience, 2001, 21, 798-811.	3.6	87
121	Neurodegenerative disorders and ischemic brain diseases. Apoptosis: an International Journal on Programmed Cell Death, 2001, 6, 69-81.	4.9	289
122	AMP-Activated Protein Kinase is Highly Expressed in Neurons in the Developing Rat Brain and Promotes Neuronal Survival Following Glucose Deprivation. Journal of Molecular Neuroscience, 2001, 17, 45-58.	2.3	307
123	Evidence for the Involvement of Par-4 in Ischemic Neuron Cell Death. Journal of Cerebral Blood Flow and Metabolism, 2001, 21, 334-343.	4.3	43
124	A synthetic inhibitor of p53 protects neurons against death induced by ischemic and excitotoxic insults, and amyloid beta-peptide. Journal of Neurochemistry, 2001, 77, 220-228.	3.9	316
125	Homocysteine Elicits a DNA Damage Response in Neurons That Promotes Apoptosis and Hypersensitivity to Excitotoxicity. Journal of Neuroscience, 2000, 20, 6920-6926.	3.6	711
126	Stimulation of 5-HT1A receptors reduces apoptosis after transient forebrain ischemia in the rat. Brain Research, 2000, 883, 41-50.	2.2	38

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127	The Catalytic Subunit of Telomerase Is Expressed in Developing Brain Neurons and Serves a Cell Survival-Promoting Function. Journal of Molecular Neuroscience, 2000, 14, 003-016.	2.3	163
128	Apoptotic and antiapoptotic mechanisms in stroke. Cell and Tissue Research, 2000, 301, 173-187.	2.9	285
129	Roles of Nuclear Factor Î¹B in Neuronal Survival and Plasticity. Journal of Neurochemistry, 2000, 74, 443-456.	3.9	423
130	Cellular and Molecular Mechanisms Underlying Perturbed Energy Metabolism and Neuronal Degeneration in Alzheimer's and Parkinson's Diseases. Annals of the New York Academy of Sciences, 1999, 893, 154-175.	3.8	326
131	Neuroprotection by Estrogens in a Mouse Model of Focal Cerebral Ischemia and in Cultured Neurons: Evidence for a Receptor-Independent Antioxidative Mechanism. Journal of Cerebral Blood Flow and Metabolism, 1999, 19, 1263-1269.	4.3	171
132	Aberrant Stress Response Associated with Severe Hypoglycemia in a Transgenic Mouse Model of Alzheimer's Disease. Journal of Molecular Neuroscience, 1999, 13, 159-166.	2.3	64
133	Enalapril and moexipril protect from free radical-induced neuronal damage in vitro and reduce ischemic brain injury in mice and rats. European Journal of Pharmacology, 1999, 373, 21-33.	3.5	40
134	Clenbuterol induces growth factor mRNA, activates astrocytes, and protects rat brain tissue against ischemic damage. European Journal of Pharmacology, 1999, 379, 33-45.	3.5	85
135	Stimulation of Î²2-Adrenoceptors Inhibits Apoptosis in Rat Brain after Transient Forebrain Ischemia. Journal of Cerebral Blood Flow and Metabolism, 1998, 18, 1032-1039.	4.3	52
136	Lubeluzole protects hippocampal neurons from excitotoxicity in vitro and reduces brain damage caused by ischemia. European Journal of Pharmacology, 1998, 342, 193-201.	3.5	33
137	Upregulation of the Enzyme Chain Hydrolyzing Extracellular ATP after Transient Forebrain Ischemia in the Rat. Journal of Neuroscience, 1998, 18, 4891-4900.	3.6	181