Tadeusz Wieloch

List of Publications by Year
in descending order

205 papers	14,966 citations	13099 68 h-index	20961 115 g-index
208 all docs	208 docs citations	208 times ranked	10441 citing authors

#	Article	IF	Citations
1	Effect of Anti-inflammatory Treatment with AMD3100 and CX3CR1 Deficiency on GABAA Receptor Subunit and Expression of Glutamate Decarboxylase Isoforms After Stroke. Molecular Neurobiology, 2021, 58, 5876-5889.	4.0	3
2	Plasticity-Enhancing Effects of Levodopa Treatment after Stroke. International Journal of Molecular Sciences, 2021, 22, 10226.	4.1	6
3	Enhanced functional recovery by levodopa is associated with decreased levels of synaptogyrin following stroke in aged mice. Brain Research Bulletin, 2020, 155, 61-66.	3.0	6
4	Developmental abnormalities in cortical GABAergic system in mice lacking mGlu3 metabotropic glutamate receptors. FASEB Journal, 2019, 33, 14204-14220.	0.5	5
5	Triiodothyronine modulates neuronal plasticity mechanisms to enhance functional outcome after stroke. Acta Neuropathologica Communications, 2019, 7, 216.	5.2	28
6	Multisensory stimulation improves functional recovery and resting-state functional connectivity in the mouse brain after stroke. NeuroImage: Clinical, 2018, 17, 717-730.	2.7	68
7	Neuroprotective dobutamine treatment upregulates superoxide dismutase 3, anti-oxidant and survival genes and attenuates genes mediating inflammation. BMC Neuroscience, 2018, 19, 9.	1.9	4
8	Changes in resting-state functional connectivity after stroke in a mouse brain lacking extracellular matrix components. Neurobiology of Disease, 2018, 112, 91-105.	4.4	22
9	Extracellular Matrix Modulation Is Driven by Experience-Dependent Plasticity During Stroke Recovery. Molecular Neurobiology, 2018, 55, 2196-2213.	4.0	31
10	GISCOME â€" Genetics of Ischaemic Stroke Functional Outcome network: A protocol for an international multicentre genetic association study. European Stroke Journal, 2017, 2, 229-237.	5.5	21
11	CX3C chemokine receptor 1 deficiency modulates microglia morphology but does not affect lesion size and short-term deficits after experimental stroke. BMC Neuroscience, 2017, 18, 11.	1.9	16
12	Housing in an Enriched Environment: A Tool to Study Functional Recovery After Experimental Stroke. Neuromethods, 2016, , 85-92.	0.3	0
13	Gephyrin Cleavage in In Vitro Brain Ischemia Decreases GABAA Receptor Clustering and Contributes to Neuronal Death. Molecular Neurobiology, 2016, 53, 3513-3527.	4.0	41
14	Treatment with AMD3100 attenuates the microglial response and improves outcome after experimental stroke. Journal of Neuroinflammation, 2015, 12, 24.	7.2	36
15	The involvement of the sigma-1 receptor in neurodegeneration and neurorestoration. Journal of Pharmacological Sciences, 2015, 127, 30-35.	2.5	82
16	Variations in apolipoprotein D and sigma non-opioid intracellular receptor 1 genes with relation to risk, severity and outcome of ischemic stroke. BMC Neurology, 2014, 14, 191.	1.8	7
17	Can diffusion kurtosis imaging improve the sensitivity and specificity of detecting microstructural alterations in brain tissue chronically after experimental stroke? Comparisons with diffusion tensor imaging and histology. NeuroImage, 2014, 97, 363-373.	4.2	101
18	Pharmacological stimulation of sigma-1 receptors has neurorestorative effects in experimental parkinsonism. Brain, 2014, 137, 1998-2014.	7.6	174

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19	Enriched housing down-regulates the Toll-like receptor 2 response in the mouse brain after experimental stroke. Neurobiology of Disease, 2014, 66, 66-73.	4.4	32
20	Impact of estrogen receptor beta activation on functional recovery after experimental stroke. Behavioural Brain Research, 2014, 261, 282-288.	2.2	14
21	GABAA receptor dephosphorylation followed by internalization is coupled to neuronal death in in vitro ischemia. Neurobiology of Disease, 2014, 65, 220-232.	4.4	36
22	Enriched Housing Enhances Recovery of Limb Placement Ability and Reduces Aggrecan-Containing Perineuronal Nets in the Rat Somatosensory Cortex after Experimental Stroke. PLoS ONE, 2014, 9, e93121.	2.5	62
23	Post-ischemic continuous infusion of erythropoeitin enhances recovery of lost memory function after global cerebral ischemia in the rat. BMC Neuroscience, 2013, 14, 27.	1.9	24
24	Fission and Fusion of the Neuronal Endoplasmic Reticulum. Translational Stroke Research, 2013, 4, 652-662.	4.2	10
25	Dopamine receptor activation increases glial cell line-derived neurotrophic factor in experimental stroke. Experimental Neurology, 2013, 247, 202-208.	4.1	42
26	A Functional Role of the Cyclin-Dependent Kinase Inhibitor 1 (P21^{WAF1/CIP1}) for Neuronal Preconditioning. Journal of Cerebral Blood Flow and Metabolism, 2013, 33, 351-355.	4.3	8
27	Inhibition of CXCL12 Signaling Attenuates the Postischemic Immune Response and Improves Functional Recovery after Stroke. Journal of Cerebral Blood Flow and Metabolism, 2013, 33, 1225-1234.	4.3	92
28	Levodopa Treatment Improves Functional Recovery After Experimental Stroke. Stroke, 2012, 43, 507-513.	2.0	59
29	Delayed neuromotor recovery and increased memory acquisition dysfunction following experimental brain trauma in mice lacking the DNA repair gene XPA. Journal of Neurosurgery, 2012, 116, 1368-1378.	1.6	19
30	Excitotoxicity Downregulates TrkB.FL Signaling and Upregulates the Neuroprotective Truncated TrkB Receptors in Cultured Hippocampal and Striatal Neurons. Journal of Neuroscience, 2012, 32, 4610-4622.	3.6	84
31	Effects of the Sigma-1 Receptor Agonist 1-(3,4-Dimethoxyphenethyl)-4-(3-Phenylpropyl)-Piperazine Dihydro-Chloride on Inflammation after Stroke. PLoS ONE, 2012, 7, e45118.	2.5	41
32	Rapid Fragmentation of the Endoplasmic Reticulum in Cortical Neurons of the Mouse Brain in situ Following Cardiac Arrest. Journal of Cerebral Blood Flow and Metabolism, 2011, 31, 1663-1667.	4.3	12
33	Enriched environment downregulates macrophage migration inhibitory factor and increases parvalbumin in the brain following experimental stroke. Neurobiology of Disease, 2011, 41, 270-278.	4.4	24
34	Cleavage of the vesicular glutamate transporters under excitotoxic conditions. Neurobiology of Disease, 2011, 44, 292-303.	4.4	31
35	Effect of 3,4-methylenedioxyamphetamine on dendritic spine dynamics in rat neocortical neurons â€” Involvement of heat shock protein 27. Brain Research, 2011, 1370, 43-52.	2.2	7
36	Potassiumâ€‘induced structural changes of the endoplasmic reticulum in pyramidal neurons in murine organotypic hippocampal slices. Journal of Neuroscience Research, 2011, 89, 1150-1159.	2.9	10

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37	Protracted Tyrosine Phosphorylation of the Glutamate Receptor Subunit NR2 in the Rat Hippocampus Following Transient Cerebral Ischemia is Prevented by Intra-Ischemic Hypothermia. Therapeutic Hypothermia and Temperature Management, 2011, 1, 159-164.	0.9	4
38	Cleavage of the Vesicular GABA Transporter under Excitotoxic Conditions Is Followed by Accumulation of the Truncated Transporter in Nonsynaptic Sites. Journal of Neuroscience, 2011, 31, 4622-4635.	3.6	42
39	The sigma-1 receptor enhances brain plasticity and functional recovery after experimental stroke. Brain, 2011, 134, 732-746.	7.6	144
40	Rho kinase inhibition protects CA1 cells in organotypic hippocampal slices during in vitro ischemia. Brain Research, 2010, 1316, 92-100.	2.2	35
41	Effects of chronic Clozapine administration on apolipoprotein D levels and on functional recovery following experimental stroke. Brain Research, 2010, 1321, 152-163.	2.2	12
42	Deletion of the p53 tumor suppressor gene improves neuromotor function but does not attenuate regional neuronal cell loss following experimental brain trauma in mice. Journal of Neuroscience Research, 2010, 88, 3414-3423.	2.9	10
43	The Asparaginyl Endopeptidase Legumain after Experimental Stroke. Journal of Cerebral Blood Flow and Metabolism, 2010, 30, 1756-1766.	4.3	28
44	Report of a Consensus Meeting on Human Brain Temperature After Severe Traumatic Brain Injury: Its Measurement and Management During Pyrexia. Frontiers in Neurology, 2010, 1, 146.	2.4	26
45	Î²-Adrenoceptor activation depresses brain inflammation and is neuroprotective in lipopolysaccharide-induced sensitization to oxygen-glucose deprivation in organotypic hippocampal slices. Journal of Neuroinflammation, 2010, 7, 94.	7.2	37
46	Housing in an Enriched Environment: A Tool to Study Functional Recovery After Experimental Stroke. Neuromethods, 2010, , 85-91.	0.3	0
47	Tumor Necrosis Factor Receptor-1 is Essential for LPS-Induced Sensitization and Tolerance to Oxygenâ€"Glucose Deprivation in Murine Neonatal Organotypic Hippocampal Slices. Journal of Cerebral Blood Flow and Metabolism, 2009, 29, 73-86.	4.3	22
48	Enriched Environment Reduces Apolipoprotein E (ApoE) in Reactive Astrocytes and Attenuates Inflammation of the Peri-Infarct Tissue after Experimental Stroke. Journal of Cerebral Blood Flow and Metabolism, 2009, 29, 1796-1805.	4.3	47
49	Intranasal selective brain cooling in pigs. Resuscitation, 2008, 76, 83-88.	3.0	72
50	Overexpression of UCP2 Protects Thalamic Neurons following Global Ischemia in the Mouse. Journal of Cerebral Blood Flow and Metabolism, 2008, 28, 1186-1195.	4.3	64
51	Apolipoprotein D is Elevated in Oligodendrocytes in the Peri-Infarct Region after Experimental Stroke: Influence of Enriched Environment. Journal of Cerebral Blood Flow and Metabolism, 2008, 28, 551-562.	4.3	46
52	Improving Outcome after Stroke: Overcoming the Translational Roadblock. Cerebrovascular Diseases, 2008, 25, 268-278.	1.7	237
53	Hypothermia Affects Translocation of Numerous Cytoplasmic Proteins Following Global Cerebral Ischemia. Journal of Proteome Research, 2007, 6, 2822-2832.	3.7	7
54	Rapid and long-term induction of effector immediate early genes (BDNF, Neuritin and Arc) in peri-infarct cortex and dentate gyrus after ischemic injury in rat brain. Brain Research, 2007, 1151, 203-210.	2.2	60

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55	On the move to stimulate cell plasticity in the substantia nigra in Parkinson's disease. Experimental Neurology, 2006, 201, 1-6.	4.1	2
56	Enriched Environment Attenuates Cell Genesis in Subventricular Zone After Focal Ischemia in Mice and Decreases Migration of Newborn Cells to the Striatum. Stroke, 2006, 37, 2824-2829.	2.0	62
57	Npas4, a novel helix-loop-helix PAS domain protein, is regulated in response to cerebral ischemia. European Journal of Neuroscience, 2006, 24, 2705-2720.	2.6	59
58	Comprehensive regional and temporal gene expression profiling of the rat brain during the first 24 h after experimental stroke identifies dynamic ischemia-induced gene expression patterns, and reveals a biphasic activation of genes in surviving tissue. Journal of Neurochemistry, 2006, 96, 14-29.	3.9	78
59	A New Method of Selective, Rapid Cooling of the Brain: An Experimental Study. CardioVascular and Interventional Radiology, 2006, 29, 260-263.	2.0	14
60	Mechanisms of neural plasticity following brain injury. Current Opinion in Neurobiology, 2006, 16, 258-264.	4.2	290
61	Decreased expression of brain-derived neurotrophic factor in BDNF+/â˜' mice is associated with enhanced recovery of motor performance and increased neuroblast number following experimental stroke. Journal of Neuroscience Research, 2006, 84, 626-631.	2.9	38
62	Combining Neuroprotective Treatment of Embryonic Nigral Donor Tissue with Mild Hypothermia of the Graft Recipient. Cell Transplantation, 2005, 14, 301-309.	2.5	18
63	The temperature dependence and involvement of mitochondria permeability transition and caspase activation in damage to organotypic hippocampal slices following in vitro ischemia. Journal of Neurochemistry, 2005, 95, 1108-1117.	3.9	18
64	Actin Redistribution Underlies the Sparing Effect of Mild Hypothermia on Dendritic Spine Morphology after in Vitro Ischemia. Journal of Cerebral Blood Flow and Metabolism, 2005, 25, 1346-1355.	4.3	48
65	Enriched Environment Enhances Recovery of Motor Function after Focal Ischemia in Mice, and Downregulates the Transcription Factor NGFI-A. Journal of Cerebral Blood Flow and Metabolism, 2005, 25, 1625-1633.	4.3	71
66	Selective sparing of hippocampal CA3 cells following in vitro ischemia is due to selective inhibition by acidosis. European Journal of Neuroscience, 2005, 22, 310-316.	2.6	20
67	Chelation of intracellular calcium reduces cell death after hyperglycemic in vitro ischemia in murine hippocampal slice cultures. Brain Research, 2005, 1049, 120-127.	2.2	7
68	Death-associated Protein Kinase Is Activated by Dephosphorylation in Response to Cerebral Ischemia. Journal of Biological Chemistry, 2005, 280, 42290-42299.	3.4	99
69	Glucose but Not Lactate in Combination With Acidosis Aggravates Ischemic Neuronal Death In Vitro. Stroke, 2004, 35, 753-757.	2.0	51
70	Deletion of the adenosine A1 receptor gene does not alter neuronal damage following ischaemia in vivo or in vitro. European Journal of Neuroscience, 2004, 20, 1197-1204.	2.6	54
71	Protein Kinase C-Î³ and Calcium/Calmodulin-Dependent Protein Kinase II-Î± Are Persistently Translocated to Cell Membranes of the Rat Brain during and after Middle Cerebral Artery Occlusion. Journal of Cerebral Blood Flow and Metabolism, 2004, 24, 54-61.	4.3	41
72	Lack of neuroprotection by heat shock protein 70 overexpression in a mouse model of global cerebral ischemia. Experimental Brain Research, 2004, 154, 442-449.	1.5	35

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73	Gene deletion of cystatin C aggravates brain damage following focal ischemia but mitigates the neuronal injury after global ischemia in the mouse. Neuroscience, 2004, 128, 65-71.	2.3	44
74	Mitochondrial damage and dysfunction in traumatic brain injury. Mitochondrion, 2004, 4, 705-713.	3.4	177
75	Hyperglycemia and hypercapnia differently affect post-ischemic changes in protein kinases and protein phosphorylation in the rat cingulate cortex. Brain Research, 2004, 995, 218-225.	2.2	15
76	Powerful cyclosporin inhibition of calcium-induced permeability transition in brain mitochondria. Brain Research, 2003, 960, 99-111.	2.2	119
77	Brain damage in a mouse model of global cerebral ischemia. Brain Research, 2003, 982, 260-269.	2.2	81
78	Cyclosporin A prevents calpain activation despite increased intracellular calcium concentrations, as well as translocation of apoptosis-inducing factor, cytochromeâ€ƒc and caspase-3 activation in neurons exposed to transient hypoglycemia. Journal of Neurochemistry, 2003, 85, 1431-1442.	3.9	85
79	Flow cytometric analysis of mitochondria from CA1 and CA3 regions of rat hippocampus reveals differences in permeability transition pore activation. Journal of Neurochemistry, 2003, 87, 532-544.	3.9	92
80	Mineralocorticoid receptor expression and increased survival following neuronal injury. European Journal of Neuroscience, 2003, 17, 1549-1555.	2.6	53
81	Mouse Hippocampal Organotypic Tissue Cultures Exposed to<i>In Vitro</i>â€œIschemiaâ€•Show Selective and Delayed CA1 Damage that is Aggravated by Glucose. Journal of Cerebral Blood Flow and Metabolism, 2003, 23, 23-33.	4.3	72
82	Structural and Functional Damage Sustained by Mitochondria after Traumatic Brain Injury in the Rat: Evidence for Differentially Sensitive Populations in the Cortex and Hippocampus. Journal of Cerebral Blood Flow and Metabolism, 2003, 23, 219-231.	4.3	154
83	Uncoupling protein-2 prevents neuronal death and diminishes brain dysfunction after stroke and brain trauma. Nature Medicine, 2003, 9, 1062-1068.	30.7	467
84	Mouse Hippocampal Organotypic Tissue Cultures Exposed to In Vitro ???Ischemia??? Show Selective and Delayed CA1 Damage That Is Aggravated by Glucose. Journal of Cerebral Blood Flow and Metabolism, 2003, , 23-33.	4.3	34
85	Structural and Functional Damage Sustained by Mitochondria After Traumatic Brain Injury in the Rat: Evidence for Differentially Sensitive Populations in the Cortex and Hippocampus. Journal of Cerebral Blood Flow and Metabolism, 2003, , 219-231.	4.3	54
86	Cerebral Ischemia Upregulates Vascular Endothelin ET _B Receptors in Rat. Stroke, 2002, 33, 2311-2316.	2.0	127
87	Restricted clinical efficacy of cyclosporin A on rat transient middle cerebral artery occlusion. Life Sciences, 2002, 72, 591-600.	4.3	21
88	Mitochondrial oxidative stress after global brain ischemia in rats. Neuroscience Letters, 2002, 334, 111-114.	2.1	57
89	Mitochondrial permeability transition in acute neurodegeneration. Biochimie, 2002, 84, 241-250.	2.6	178
90	Changes in the Tyrosine Phosphorylation of Mitogen-Activated Protein Kinase in the Rat Hippocampus During and Following Severe Hypoglycemia. Journal of Neurochemistry, 2002, 63, 2346-2348.	3.9	7

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91	Differences in the Activation of the Mitochondrial Permeability Transition Among Brain Regions in the Rat Correlate with Selective Vulnerability. Journal of Neurochemistry, 2002, 72, 2488-2497.	3.9	116
92	Persistent Phosphorylation of Synaptic Proteins following Middle Cerebral Artery Occlusion. Journal of Cerebral Blood Flow and Metabolism, 2002, 22, 1107-1113.	4.3	20
93	Neuroprotective and behavioral efficacy of nerve growth factorâ€"transfected hippocampal progenitor cell transplants after experimental traumatic brain injury. Journal of Neurosurgery, 2001, 94, 765-774.	1.6	112
94	Mitochondrial Involvement in Acute Neurodegeneration. IUBMB Life, 2001, 52, 247-254.	3.4	20
95	Plasma fibronectin supports neuronal survival and reduces brain injury following transient focal cerebral ischemia but is not essential for skin-wound healing and hemostasis.. Nature Medicine, 2001, 7, 324-330.	30.7	311
96	Workshop on Hypoglycemia and the Brain. Diabetes Technology and Therapeutics, 2001, 3, 469-516.	4.4	0
97	Infusion of Prostacyclin Following Experimental Brain Injury in the Rat Reduces Cortical Lesion Volume. Journal of Neurotrauma, 2001, 18, 275-285.	3.4	48
98	Increased survival of embryonic nigral neurons when grafted to hypothermic rats. NeuroReport, 2000, 11, 1665-1668.	1.2	26
99	The effect of Î±-phenyl-tert-butyl nitrone (PBN) on free radical formation in transient focal ischaemia measured by microdialysis and 3,4-dihydroxybenzoate formation. Acta Physiologica Scandinavica, 2000, 168, 277-285.	2.2	17
100	The rotating pole test: evaluation of its effectiveness in assessing functional motor deficits following experimental head injury in the rat. Journal of Neuroscience Methods, 2000, 95, 75-82.	2.5	41
101	Oxidative stress, mitochondrial permeability transition and activation of caspases in calcium ionophore A23187-induced death of cultured striatal neurons. Brain Research, 2000, 857, 20-29.	2.2	89
102	Subcellular distribution and autophosphorylation of calcium/calmodulin-dependent protein kinase II-Î± in rat hippocampus in a model of ischemic tolerance. Neuroscience, 2000, 96, 665-674.	2.3	40
103	Cyclosporin A and its nonimmunosuppressive analogue N-Me-Val-4-cyclosporin A mitigate glucose/oxygen deprivation-induced damage to rat cultured hippocampal neurons. European Journal of Neuroscience, 1999, 11, 3194-3198.	2.6	104
104	Changes in Protein Tyrosine Phosphorylation in the Rat Brain after Cerebral Ischemia in a Model of Ischemic Tolerance. Journal of Cerebral Blood Flow and Metabolism, 1999, 19, 173-183.	4.3	86
105	Blockade of the Mitochondrial Permeability Transition Pore Diminishes Infarct Size in the Rat after Transient Middle Cerebral Artery Occlusion. Journal of Cerebral Blood Flow and Metabolism, 1999, 19, 736-741.	4.3	206
106	Acidosis enhances translocation of protein kinase C but not Ca2+/calmodulin-dependent protein kinase II to cell membranes during complete cerebral ischemia. Brain Research, 1999, 849, 119-127.	2.2	21
107	A simple in vitro model of ischemia based on hippocampal slice cultures and propidium iodide fluorescence. Brain Research Protocols, 1999, 4, 173-184.	1.6	130
108	The tumor suppressor p53 and its response gene p21WAF1/Cip1 are not markers of neuronal death following transient global cerebral ischemia. Neuroscience, 1999, 90, 781-792.	2.3	51

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109	Mitochondrial permeability transition induced DNA-fragmentation in the rat hippocampus following hypoglycemia. Neuroscience, 1999, 90, 1325-1338.	2.3	58
110	Activation of the extracellular signal-regulated protein kinase cascade in the hippocampal CA1 region in a rat model of global cerebral ischemic preconditioning. Neuroscience, 1999, 93, 81-88.	2.3	132
111	The time-course of DNA fragmentation in the choroid plexus and the CA1 region following transient global ischemia in the rat brain. The effect of intra-ischemic hypothermia. Neuroscience, 1999, 93, 537-549.	2.3	41
112	Activation of p53 and its target genes p21WAF1/Cip1 and PAG608/Wig-1 in ischemic preconditioning. Molecular Brain Research, 1999, 70, 304-313.	2.3	88
113	Rapid decline in protein kinase CÎ³ levels in the synaptosomal fraction of rat hippocampus after ischemic preconditioning. NeuroReport, 1999, 10, 931-935.	1.2	23
114	The effect of 4Î²-phorbol-12,13-dibutyrate and staurosporine on the extracellular glutamate levels during ischemia in the rat striatum. Molecular and Chemical Neuropathology, 1998, 35, 133-147.	1.0	3
115	Changes in the extracellular levels of glutamate and aspartate during ischemia and hypoglycemia. Experimental Brain Research, 1998, 121, 277-284.	1.5	28
116	Changes in proliferating cell nuclear antigen, a protein involved in DNA repair, in vulnerable hippocampal neurons following global cerebral ischemia. Molecular Brain Research, 1998, 60, 168-176.	2.3	45
117	The effect of hypothermia on the expression of neurotrophin mRNA in the hippocampus following transient cerebral ischemia in the rat. Molecular Brain Research, 1998, 63, 163-173.	2.3	48
118	Novel Pharmacologic Strategies in the Treatment of Experimental Traumatic Brain Injury: 1998. Journal of Neurotrauma, 1998, 15, 731-769.	3.4	294
119	Sublethal in vitro glucoseâ€"oxygen deprivation protects cultured hippocampal neurons against a subsequent severe insult. NeuroReport, 1998, 9, 1273-1276.	1.2	40
120	Cyclosporin A, But Not FK 506, Protects Mitochondria and Neurons against Hypoglycemic Damage and Implicates the Mitochondrial Permeability Transition in Cell Death. Journal of Neuroscience, 1998, 18, 5151-5159.	3.6	348
121	Regional Selective Neuronal Degeneration after Protein Phosphatase Inhibition in Hippocampal Slice Cultures: Evidence for a MAP Kinase-Dependent Mechanism. Journal of Neuroscience, 1998, 18, 7296-7305.	3.6	163
122	Induction of junD mRNA after transient forebrain ischemia in the rat. Effect of hypothermia. Molecular Brain Research, 1996, 43, 51-56.	2.3	23
123	Intracerebral Microdialysis of Glutamate and Aspartate Two Vascular Territories after Aneurysmal Subarachnoid Hemorrhage. Neurosurgery, 1996, 38, 12-20.	1.1	115
124	Diminished neuronal damage in the rat brain by late treatment with the antipyretic drug dipyrone or cooling following cerebral ischemia. Acta Neuropathologica, 1996, 92, 447-453.	7.7	92
125	Long-lasting Neuroprotective Effect of Postischemic Hypothermia and Treatment With an Anti-inflammatory/Antipyretic Drug. Stroke, 1996, 27, 1578-1585.	2.0	180
126	Biphasic Expression of the Fos and Jun Families of Transcription Factors Following Transient Forebrain Ischaemia in the Rat. Effect of Hypothermia. European Journal of Neuroscience, 1995, 7, 2007-2016.	2.6	75

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127	Alterations of Ca2+/calmodulin-dependent protein kinase II and its messenger RNA in the rat hippocampus following normo- and hypothermic ischemia. Neuroscience, 1995, 68, 1003-1016.	2.3	54
128	Persistent Translocation of Ca²⁺/Calmodulinâ€Đependent Protein Kinase II to Synaptic Junctions in the Vulnerable Hippocampal CA1 Region Following Transient Ischemia. Journal of Neurochemistry, 1995, 64, 277-284.	3.9	58
129	Persistent Translocation and Inhibition of Ca²⁺/Calmodulinâ€Đependent Protein Kinase II in the Crude Synaptosomal Fraction of the Vulnerable Hippocampus Following Hypoglycemia. Journal of Neurochemistry, 1995, 64, 1361-1369.	3.9	15
130	Moderate hypothermia mitigates neuronal damage in the rat brain when initiated several hours following transient cerebral ischemia. Acta Neuropathologica, 1994, 87, 325-331.	7.7	206
131	Tyrosine Phosphorylation and Activation of Mitogenâ€•Activated Protein Kinase in the Rat Brain Following Transient Cerebral Ischemia. Journal of Neurochemistry, 1994, 62, 1357-1367.	3.9	139
132	Moderate hypothermia mitigates neuronal damage in the rat brain when initiated several hours following transient cerebral ischemia. Acta Neuropathologica, 1994, 87, 325-331.	7.7	5
133	Postischaemic changes in protein synthesis in the rat brain: effects of hypothermia. Experimental Brain Research, 1993, 95, 91-9.	1.5	55
134	Initiation of protein synthesis and heat-shock protein-72 expression in the rat brain following severe insulin-induced hypoglycemia. Acta Neuropathologica, 1993, 86, 145-153.	7.7	30
135	Heat-shock inhibits protein synthesis and eIF-2 activity in cultured cortical neurons. Neurochemical Research, 1993, 18, 1003-1007.	3.3	6
136	Changes in Insulin-like Growth Factor 1 Receptor Density after Transient Cerebral Ischemia in the Rat. Lack of Protection against Ischemic Brain Damage following Injection of Insulin-Like Growth Factor 1. Journal of Cerebral Blood Flow and Metabolism, 1993, 13, 895-898.	4.3	45
137	Casein Kinase II Activity in the Postischemic Rat Brain Increases in Brain Regions Resistant to Ischemia and Decreases in Vulnerable Areas. Journal of Neurochemistry, 1993, 60, 1722-1728.	3.9	23
138	Depression of Neuronal Protein Synthesis Initiation by Protein Tyrosine Kinase Inhibitors. Journal of Neurochemistry, 1993, 61, 1789-1794.	3.9	17
139	Time Course of the Translocation and Inhibition of Protein kinase C During Complete Cerebral Ischemia in the Rat. Journal of Neurochemistry, 1993, 61, 1308-1314.	3.9	93
140	Ischemia-induced upregulation of excitatory amino acid transport sites. Brain Research, 1993, 622, 93-98.	2.2	19
141	Chapter 12 Protein phosphorylation and the regulation of mRNA translation following cerebral ischemia. Progress in Brain Research, 1993, 96, 179-191.	1.4	25
142	Changes in tyrosine phosphorylation in neocortex following transient cerebral ischaemia. NeuroReport, 1993, 4, 219-222.	1.2	12
143	Effects of ischemia on regional ligand binding to adrenoceptors in the rat brain. Journal of the Neurological Sciences, 1992, 113, 165-176.	0.6	4
144	Cerebral protection by AMPA- and NMDA-receptor antagonists administered after severe insulin-induced hypoglycemia. Experimental Brain Research, 1992, 92, 259-66.	1.5	58

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145	Brain cortical tissue levels of noradrenaline and its glycol metabolites: effects of ischemia and postischemic administration of idazoxan. Experimental Brain Research, 1992, 90, 551-6.	1.5	7
146	Postischemic Blockade of AMPA but Not NMDA Receptors Mitigates Neuronal Damage in the Rat Brain following Transient Severe Cerebral Ischemia. Journal of Cerebral Blood Flow and Metabolism, 1992, 12, 2-11.	4.3	310
147	Ultrastructural changes in the hippocampal CA1 region following transient cerebral ischemia: evidence against programmed cell death. Experimental Brain Research, 1992, 88, 91-105.	1.5	271
148	NMDAâ€receptor blockers but not NBQX, an AMPAâ€receptor antagonist, inhibit spreading depression in the rat brain. Acta Physiologica Scandinavica, 1992, 146, 497-503.	2.2	93
149	Hypothermia ameliorates neuronal survival when induced 2 hours after ischaemia in the rat. Acta Physiologica Scandinavica, 1992, 146, 543-544.	2.2	64
150	Lack of Protection by the N-Methyl-D-aspartate Receptor Blocker Dizocilpine (MK-801) after Transient Severe Cerebral Ischemia in the Rat. Anesthesiology, 1991, 75, 279-287.	2.5	58
151	Hypothermia Prevents the Ischemia-Induced Translocation and Inhibition of Protein Kinase C in the Rat Striatum. Journal of Neurochemistry, 1991, 57, 1814-1817.	3.9	142
152	Changes in the Activity of Protein Kinase C and the Differential Subcellular Redistribution of Its Isozymes in the Rat Striatum During and Following Transient Forebrain Ischemia. Journal of Neurochemistry, 1991, 56, 1227-1235.	3.9	129
153	Changes in Pyruvate Dehydrogenase Complex Activity during and following Severe Insulin-Induced Hypoglycemia. Journal of Cerebral Blood Flow and Metabolism, 1991, 11, 122-128.	4.3	12
154	Extracellular brain cortical levels of noradrenaline in ischemia:. Experimental Brain Research, 1991, 86, 555-61.	1.5	44
155	Glutamate Neurotoxicity and Ischemic Neuronal Damage. , 1991, , 21-43.		0
156	Cortical Spreading Depression is Associated with Arachidonic Acid Accumulation and Preservation of Energy Charge. Journal of Cerebral Blood Flow and Metabolism, 1990, 10, 115-122.	4.3	107
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