

Tadeusz Wieloch

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

202
papers

13,465
citations

66
h-index

109
g-index

208
ext. papers

14,107
ext. citations

5.8
avg. IF

6.07
L-index

#	Paper	IF	Citations
202	Effect of Anti-inflammatory Treatment with AMD3100 and CXCR1 Deficiency on GABA Receptor Subunit and Expression of Glutamate Decarboxylase Isoforms After Stroke. <i>Molecular Neurobiology</i> , 2021 , 58, 5876-5889	6.2	1
201	Enhanced functional recovery by levodopa is associated with decreased levels of synaptogyrin following stroke in aged mice. <i>Brain Research Bulletin</i> , 2020 , 155, 61-66	3.9	2
200	Developmental abnormalities in cortical GABAergic system in mice lacking mGlu3 metabotropic glutamate receptors. <i>FASEB Journal</i> , 2019 , 33, 14204-14220	0.9	3
199	Triiodothyronine modulates neuronal plasticity mechanisms to enhance functional outcome after stroke. <i>Acta Neuropathologica Communications</i> , 2019 , 7, 216	7.3	14
198	Multisensory stimulation improves functional recovery and resting-state functional connectivity in the mouse brain after stroke. <i>NeuroImage: Clinical</i> , 2018 , 17, 717-730	5.3	39
197	Neuroprotective dobutamine treatment upregulates superoxide dismutase 3, anti-oxidant and survival genes and attenuates genes mediating inflammation. <i>BMC Neuroscience</i> , 2018 , 19, 9	3.2	4
196	Changes in resting-state functional connectivity after stroke in a mouse brain lacking extracellular matrix components. <i>Neurobiology of Disease</i> , 2018 , 112, 91-105	7.5	13
195	Extracellular Matrix Modulation Is Driven by Experience-Dependent Plasticity During Stroke Recovery. <i>Molecular Neurobiology</i> , 2018 , 55, 2196-2213	6.2	22
194	GISCOME - Genetics of Ischaemic Stroke Functional Outcome network: A protocol for an international multicentre genetic association study. <i>European Stroke Journal</i> , 2017 , 2, 229-237	5.6	13
193	CXC chemokine receptor 1 deficiency modulates microglia morphology but does not affect lesion size and short-term deficits after experimental stroke. <i>BMC Neuroscience</i> , 2017 , 18, 11	3.2	13
192	Gephyrin Cleavage in In Vitro Brain Ischemia Decreases GABAA Receptor Clustering and Contributes to Neuronal Death. <i>Molecular Neurobiology</i> , 2016 , 53, 3513-3527	6.2	26
191	Housing in an Enriched Environment: A Tool to Study Functional Recovery After Experimental Stroke. <i>Neuromethods</i> , 2016 , 85-92	0.4	
190	Treatment with AMD3100 attenuates the microglial response and improves outcome after experimental stroke. <i>Journal of Neuroinflammation</i> , 2015 , 12, 24	10.1	29
189	The involvement of the sigma-1 receptor in neurodegeneration and neurorestoration. <i>Journal of Pharmacological Sciences</i> , 2015 , 127, 30-5	3.7	74
188	Pharmacological stimulation of sigma-1 receptors has neurorestorative effects in experimental parkinsonism. <i>Brain</i> , 2014 , 137, 1998-2014	11.2	139
187	Enriched housing down-regulates the Toll-like receptor 2 response in the mouse brain after experimental stroke. <i>Neurobiology of Disease</i> , 2014 , 66, 66-73	7.5	27
186	Impact of estrogen receptor beta activation on functional recovery after experimental stroke. <i>Behavioural Brain Research</i> , 2014 , 261, 282-8	3.4	11

185	GABA(A) receptor dephosphorylation followed by internalization is coupled to neuronal death in vitro ischemia. <i>Neurobiology of Disease</i> , 2014 , 65, 220-32	7.5	30
184	Variations in apolipoprotein D and sigma non-opioid intracellular receptor 1 genes with relation to risk, severity and outcome of ischemic stroke. <i>BMC Neurology</i> , 2014 , 14, 191	3.1	7
183	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. <i>NeuroImage</i> , 2014 , 97, 363-73	7.9	73
182	Enriched housing enhances recovery of limb placement ability and reduces aggrecan-containing perineuronal nets in the rat somatosensory cortex after experimental stroke. <i>PLoS ONE</i> , 2014 , 9, e93123	3.7	50
181	Post-ischemic continuous infusion of erythropoietin enhances recovery of lost memory function after global cerebral ischemia in the rat. <i>BMC Neuroscience</i> , 2013 , 14, 27	3.2	20
180	Fission and fusion of the neuronal endoplasmic reticulum. <i>Translational Stroke Research</i> , 2013 , 4, 652-62	7.8	8
179	Dopamine receptor activation increases glial cell line-derived neurotrophic factor in experimental stroke. <i>Experimental Neurology</i> , 2013 , 247, 202-8	5.7	31
178	A functional role of the cyclin-dependent kinase inhibitor 1 (p21(WAF1/CIP1)) for neuronal preconditioning. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013 , 33, 351-5	7.3	8
177	Inhibition of CXCL12 signaling attenuates the postischemic immune response and improves functional recovery after stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013 , 33, 1225-34	7.3	79
176	Excitotoxicity downregulates TrkB.FL signaling and upregulates the neuroprotective truncated TrkB receptors in cultured hippocampal and striatal neurons. <i>Journal of Neuroscience</i> , 2012 , 32, 4610-22	6.6	69
175	Effects of the sigma-1 receptor agonist 1-(3,4-dimethoxyphenethyl)-4-(3-phenylpropyl)-piperazine dihydro-chloride on inflammation after stroke. <i>PLoS ONE</i> , 2012 , 7, e45118	3.7	37
174	Levodopa treatment improves functional recovery after experimental stroke. <i>Stroke</i> , 2012 , 43, 507-13	6.7	45
173	Delayed neuromotor recovery and increased memory acquisition dysfunction following experimental brain trauma in mice lacking the DNA repair gene XPA. <i>Journal of Neurosurgery</i> , 2012 , 116, 1368-78	3.2	17
172	Rapid fragmentation of the endoplasmic reticulum in cortical neurons of the mouse brain in situ following cardiac arrest. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2011 , 31, 1663-7	7.3	11
171	Enriched environment downregulates macrophage migration inhibitory factor and increases parvalbumin in the brain following experimental stroke. <i>Neurobiology of Disease</i> , 2011 , 41, 270-8	7.5	23
170	Cleavage of the vesicular glutamate transporters under excitotoxic conditions. <i>Neurobiology of Disease</i> , 2011 , 44, 292-303	7.5	17
169	Effect of 3,4-methylenedioxyamphetamine on dendritic spine dynamics in rat neocortical neurons--involvement of heat shock protein 27. <i>Brain Research</i> , 2011 , 1370, 43-52	3.7	5
168	Potassium-induced structural changes of the endoplasmic reticulum in pyramidal neurons in murine organotypic hippocampal slices. <i>Journal of Neuroscience Research</i> , 2011 , 89, 1150-9	4.4	9

167	Protracted Tyrosine Phosphorylation of the Glutamate Receptor Subunit NR2 in the Rat Hippocampus Following Transient Cerebral Ischemia is Prevented by Intra-Ischemic Hypothermia. <i>Therapeutic Hypothermia and Temperature Management</i> , 2011 , 1, 159-164	1.3	4
166	Cleavage of the vesicular GABA transporter under excitotoxic conditions is followed by accumulation of the truncated transporter in nonsynaptic sites. <i>Journal of Neuroscience</i> , 2011 , 31, 4622-35	6.6	38
165	The sigma-1 receptor enhances brain plasticity and functional recovery after experimental stroke. <i>Brain</i> , 2011 , 134, 732-46	11.2	125
164	The asparaginyl endopeptidase legumain after experimental stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2010 , 30, 1756-66	7.3	19
163	Report of a consensus meeting on human brain temperature after severe traumatic brain injury: its measurement and management during pyrexia. <i>Frontiers in Neurology</i> , 2010 , 1, 146	4.1	20
162	βAdrenoceptor activation depresses brain inflammation and is neuroprotective in lipopolysaccharide-induced sensitization to oxygen-glucose deprivation in organotypic hippocampal slices. <i>Journal of Neuroinflammation</i> , 2010 , 7, 94	10.1	34
161	Rho kinase inhibition protects CA1 cells in organotypic hippocampal slices during in vitro ischemia. <i>Brain Research</i> , 2010 , 1316, 92-100	3.7	33
160	Effects of chronic Clozapine administration on apolipoprotein D levels and on functional recovery following experimental stroke. <i>Brain Research</i> , 2010 , 1321, 152-63	3.7	10
159	Deletion of the p53 tumor suppressor gene improves neuromotor function but does not attenuate regional neuronal cell loss following experimental brain trauma in mice. <i>Journal of Neuroscience Research</i> , 2010 , 88, 3414-23	4.4	10
158	Housing in an Enriched Environment: A Tool to Study Functional Recovery After Experimental Stroke. <i>NeuroMethods</i> , 2010 , 85-91	0.4	
157	Tumor necrosis factor receptor-1 is essential for LPS-induced sensitization and tolerance to oxygen-glucose deprivation in murine neonatal organotypic hippocampal slices. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2009 , 29, 73-86	7.3	21
156	Enriched environment reduces apolipoprotein E (ApoE) in reactive astrocytes and attenuates inflammation of the peri-infarct tissue after experimental stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2009 , 29, 1796-805	7.3	42
155	Overexpression of UCP2 protects thalamic neurons following global ischemia in the mouse. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2008 , 28, 1186-95	7.3	56
154	Apolipoprotein D is elevated in oligodendrocytes in the peri-infarct region after experimental stroke: influence of enriched environment. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2008 , 28, 551-62	7.3	41
153	Improving outcome after stroke: overcoming the translational roadblock. <i>Cerebrovascular Diseases</i> , 2008 , 25, 268-78	3.2	206
152	Intranasal selective brain cooling in pigs. <i>Resuscitation</i> , 2008 , 76, 83-8	4	65
151	Hypothermia affects translocation of numerous cytoplasmic proteins following global cerebral ischemia. <i>Journal of Proteome Research</i> , 2007 , 6, 2822-32	5.6	6
150	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. <i>Brain Research</i> , 2007 , 1151, 203-10	3.7	56

149	A new method of selective, rapid cooling of the brain: an experimental study. <i>CardioVascular and Interventional Radiology</i> , 2006 , 29, 260-3	2.7	12
148	Mechanisms of neural plasticity following brain injury. <i>Current Opinion in Neurobiology</i> , 2006 , 16, 258-64	7.6	253
147	Decreased expression of brain-derived neurotrophic factor in BDNF(+/-) mice is associated with enhanced recovery of motor performance and increased neuroblast number following experimental stroke. <i>Journal of Neuroscience Research</i> , 2006 , 84, 626-31	4.4	34
146	On the move to stimulate cell plasticity in the substantia nigra in Parkinson's disease. <i>Experimental Neurology</i> , 2006 , 201, 1-6	5.7	2
145	Enriched environment attenuates cell genesis in subventricular zone after focal ischemia in mice and decreases migration of newborn cells to the striatum. <i>Stroke</i> , 2006 , 37, 2824-9	6.7	55
144	Npas4, a novel helix-loop-helix PAS domain protein, is regulated in response to cerebral ischemia. <i>European Journal of Neuroscience</i> , 2006 , 24, 2705-20	3.5	48
143	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. <i>Journal of Neurochemistry</i> , 2006 , 96, 14-29	6	69
142	Combining neuroprotective treatment of embryonic nigral donor tissue with mild hypothermia of the graft recipient. <i>Cell Transplantation</i> , 2005 , 14, 301-9	4	17
141	The temperature dependence and involvement of mitochondria permeability transition and caspase activation in damage to organotypic hippocampal slices following in vitro ischemia. <i>Journal of Neurochemistry</i> , 2005 , 95, 1108-17	6	17
140	Actin redistribution underlies the sparing effect of mild hypothermia on dendritic spine morphology after in vitro ischemia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2005 , 25, 1346-55	7.3	41
139	Enriched environment enhances recovery of motor function after focal ischemia in mice, and downregulates the transcription factor NGFI-A. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2005 , 25, 1625-33	7.3	60
138	Selective sparing of hippocampal CA3 cells following in vitro ischemia is due to selective inhibition by acidosis. <i>European Journal of Neuroscience</i> , 2005 , 22, 310-6	3.5	17
137	Chelation of intracellular calcium reduces cell death after hyperglycemic in vitro ischemia in murine hippocampal slice cultures. <i>Brain Research</i> , 2005 , 1049, 120-7	3.7	6
136	Death-associated protein kinase is activated by dephosphorylation in response to cerebral ischemia. <i>Journal of Biological Chemistry</i> , 2005 , 280, 42290-9	5.4	86
135	Glucose but not lactate in combination with acidosis aggravates ischemic neuronal death in vitro. <i>Stroke</i> , 2004 , 35, 753-7	6.7	47
134	Deletion of the adenosine A1 receptor gene does not alter neuronal damage following ischaemia in vivo or in vitro. <i>European Journal of Neuroscience</i> , 2004 , 20, 1197-204	3.5	47
133	Protein kinase C-gamma and calcium/calmodulin-dependent protein kinase II-alpha are persistently translocated to cell membranes of the rat brain during and after middle cerebral artery occlusion. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2004 , 24, 54-61	7.3	33
132	Lack of neuroprotection by heat shock protein 70 overexpression in a mouse model of global cerebral ischemia. <i>Experimental Brain Research</i> , 2004 , 154, 442-9	2.3	32

131	Gene deletion of cystatin C aggravates brain damage following focal ischemia but mitigates the neuronal injury after global ischemia in the mouse. <i>Neuroscience</i> , 2004 , 128, 65-71	3.9	37
130	Mitochondrial damage and dysfunction in traumatic brain injury. <i>Mitochondrion</i> , 2004 , 4, 705-13	4.9	155
129	Hyperglycemia and hypercapnia differently affect post-ischemic changes in protein kinases and protein phosphorylation in the rat cingulate cortex. <i>Brain Research</i> , 2004 , 995, 218-25	3.7	14
128	Powerful cyclosporin inhibition of calcium-induced permeability transition in brain mitochondria. <i>Brain Research</i> , 2003 , 960, 99-111	3.7	107
127	Brain damage in a mouse model of global cerebral ischemia. Effect of NMDA receptor blockade. <i>Brain Research</i> , 2003 , 982, 260-9	3.7	76
126	Cyclosporin A prevents calpain activation despite increased intracellular calcium concentrations, as well as translocation of apoptosis-inducing factor, cytochrome c and caspase-3 activation in neurons exposed to transient hypoglycemia. <i>Journal of Neurochemistry</i> , 2003 , 85, 1431-42	6	78
125	Flow cytometric analysis of mitochondria from CA1 and CA3 regions of rat hippocampus reveals differences in permeability transition pore activation. <i>Journal of Neurochemistry</i> , 2003 , 87, 532-44	6	79
124	Mineralocorticoid receptor expression and increased survival following neuronal injury. <i>European Journal of Neuroscience</i> , 2003 , 17, 1549-55	3.5	45
123	Mouse hippocampal organotypic tissue cultures exposed to in vitro "ischemia" show selective and delayed CA1 damage that is aggravated by glucose. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2003 , 23, 23-33	7.3	66
122	Structural and functional damage sustained by mitochondria after traumatic brain injury in the rat: evidence for differentially sensitive populations in the cortex and hippocampus. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2003 , 23, 219-31	7.3	141
121	Uncoupling protein-2 prevents neuronal death and diminishes brain dysfunction after stroke and brain trauma. <i>Nature Medicine</i> , 2003 , 9, 1062-8	50.5	433
120	Mouse Hippocampal Organotypic Tissue Cultures Exposed to In Vitro ???Ischemia??? Show Selective and Delayed CA1 Damage That Is Aggravated by Glucose. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2003 , 23-33	7.3	34
119	Structural and Functional Damage Sustained by Mitochondria After Traumatic Brain Injury in the Rat: Evidence for Differentially Sensitive Populations in the Cortex and Hippocampus. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2003 , 219-231	7.3	53
118	Persistent phosphorylation of synaptic proteins following middle cerebral artery occlusion. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2002 , 22, 1107-13	7.3	16
117	Cerebral ischemia upregulates vascular endothelin ET(B) receptors in rat. <i>Stroke</i> , 2002 , 33, 2311-6	6.7	115
116	Restricted clinical efficacy of cyclosporin A on rat transient middle cerebral artery occlusion. <i>Life Sciences</i> , 2002 , 72, 591-600	6.8	19
115	Mitochondrial oxidative stress after global brain ischemia in rats. <i>Neuroscience Letters</i> , 2002 , 334, 111-4	3.3	53
114	Mitochondrial permeability transition in acute neurodegeneration. <i>Biochimie</i> , 2002 , 84, 241-50	4.6	163

113	Mitochondrial involvement in acute neurodegeneration. <i>IUBMB Life</i> , 2001 , 52, 247-54	4.7	20
112	Plasma fibronectin supports neuronal survival and reduces brain injury following transient focal cerebral ischemia but is not essential for skin-wound healing and hemostasis. <i>Nature Medicine</i> , 2001 , 7, 324-30	50.5	271
111	Infusion of prostacyclin following experimental brain injury in the rat reduces cortical lesion volume. <i>Journal of Neurotrauma</i> , 2001 , 18, 275-85	5.4	45
110	Neuroprotective and behavioral efficacy of nerve growth factor-transfected hippocampal progenitor cell transplants after experimental traumatic brain injury. <i>Journal of Neurosurgery</i> , 2001 , 94, 765-74	3.2	89
109	Increased survival of embryonic nigral neurons when grafted to hypothermic rats. <i>NeuroReport</i> , 2000 , 11, 1665-8	1.7	25
108	The effect of alpha-phenyl-tert-butyl nitron (PBN) on free radical formation in transient focal ischaemia measured by microdialysis and 3,4-dihydroxybenzoate formation. <i>Acta Physiologica Scandinavica</i> , 2000 , 168, 277-85		17
107	The rotating pole test: evaluation of its effectiveness in assessing functional motor deficits following experimental head injury in the rat. <i>Journal of Neuroscience Methods</i> , 2000 , 95, 75-82	3	41
106	Oxidative stress, mitochondrial permeability transition and activation of caspases in calcium ionophore A23187-induced death of cultured striatal neurons. <i>Brain Research</i> , 2000 , 857, 20-9	3.7	81
105	Subcellular distribution and autophosphorylation of calcium/calmodulin-dependent protein kinase II-alpha in rat hippocampus in a model of ischemic tolerance. <i>Neuroscience</i> , 2000 , 96, 665-74	3.9	35
104	Differences in the activation of the mitochondrial permeability transition among brain regions in the rat correlate with selective vulnerability. <i>Journal of Neurochemistry</i> , 1999 , 72, 2488-97	6	106
103	Cyclosporin A and its nonimmunosuppressive analogue N-Me-Val-4-cyclosporin A mitigate glucose/oxygen deprivation-induced damage to rat cultured hippocampal neurons. <i>European Journal of Neuroscience</i> , 1999 , 11, 3194-8	3.5	91
102	Changes in protein tyrosine phosphorylation in the rat brain after cerebral ischemia in a model of ischemic tolerance. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1999 , 19, 173-83	7.3	80
101	Blockade of the mitochondrial permeability transition pore diminishes infarct size in the rat after transient middle cerebral artery occlusion. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1999 , 19, 736-41	7.3	192
100	Acidosis enhances translocation of protein kinase C but not Ca(2+)/calmodulin-dependent protein kinase II to cell membranes during complete cerebral ischemia. <i>Brain Research</i> , 1999 , 849, 119-27	3.7	20
99	A simple in vitro model of ischemia based on hippocampal slice cultures and propidium iodide fluorescence. <i>Brain Research Protocols</i> , 1999 , 4, 173-84		117
98	The tumor suppressor p53 and its response gene p21WAF1/Cip1 are not markers of neuronal death following transient global cerebral ischemia. <i>Neuroscience</i> , 1999 , 90, 781-92	3.9	49
97	Mitochondrial permeability transition induced DNA-fragmentation in the rat hippocampus following hypoglycemia. <i>Neuroscience</i> , 1999 , 90, 1325-38	3.9	56
96	Activation of the extracellular signal-regulated protein kinase cascade in the hippocampal CA1 region in a rat model of global cerebral ischemic preconditioning. <i>Neuroscience</i> , 1999 , 93, 81-8	3.9	126

95	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. <i>Neuroscience</i> , 1999 , 93, 537-49	3.9	37
94	Activation of p53 and its target genes p21 (WAF1/Cip1) and PAG608/Wig-1 in ischemic preconditioning. <i>Molecular Brain Research</i> , 1999 , 70, 304-13		85
93	Rapid decline in protein kinase Cgamma levels in the synaptosomal fraction of rat hippocampus after ischemic preconditioning. <i>NeuroReport</i> , 1999 , 10, 931-5	1.7	23
92	The effect of 4 beta-phorbol-12,13-dibutyrate and staurosporine on the extracellular glutamate levels during ischemia in the rat striatum. <i>Molecular and Chemical Neuropathology</i> , 1998 , 35, 133-47		3
91	Changes in the extracellular levels of glutamate and aspartate during ischemia and hypoglycemia. Effects of hypothermia. <i>Experimental Brain Research</i> , 1998 , 121, 277-84	2.3	27
90	Changes in proliferating cell nuclear antigen, a protein involved in DNA repair, in vulnerable hippocampal neurons following global cerebral ischemia. <i>Molecular Brain Research</i> , 1998 , 60, 168-76		39
89	The effect of hypothermia on the expression of neurotrophin mRNA in the hippocampus following transient cerebral ischemia in the rat. <i>Molecular Brain Research</i> , 1998 , 63, 163-73		42
88	Novel pharmacologic strategies in the treatment of experimental traumatic brain injury: 1998. <i>Journal of Neurotrauma</i> , 1998 , 15, 731-69	5.4	275
87	Sublethal in vitro glucose-oxygen deprivation protects cultured hippocampal neurons against a subsequent severe insult. <i>NeuroReport</i> , 1998 , 9, 1273-6	1.7	39
86	Cyclosporin A, but not FK 506, protects mitochondria and neurons against hypoglycemic damage and implicates the mitochondrial permeability transition in cell death. <i>Journal of Neuroscience</i> , 1998 , 18, 5151-9	6.6	327
85	Regional selective neuronal degeneration after protein phosphatase inhibition in hippocampal slice cultures: evidence for a MAP kinase-dependent mechanism. <i>Journal of Neuroscience</i> , 1998 , 18, 7296-305	6.6	155
84	Induction of junD mRNA after transient forebrain ischemia in the rat. Effect of hypothermia. <i>Molecular Brain Research</i> , 1996 , 43, 51-6		22
83	Intracerebral Microdialysis of Glutamate and Aspartate Two Vascular Territories after Aneurysmal Subarachnoid Hemorrhage. <i>Neurosurgery</i> , 1996 , 38, 12-20	3.2	97
82	Diminished neuronal damage in the rat brain by late treatment with the antipyretic drug dipyrone or cooling following cerebral ischemia. <i>Acta Neuropathologica</i> , 1996 , 92, 447-53	14.3	81
81	Long-lasting neuroprotective effect of postischemic hypothermia and treatment with an anti-inflammatory/antipyretic drug. Evidence for chronic encephalopathic processes following ischemia. <i>Stroke</i> , 1996 , 27, 1578-85	6.7	155
80	Persistent translocation of Ca ²⁺ /calmodulin-dependent protein kinase II to synaptic junctions in the vulnerable hippocampal CA1 region following transient ischemia. <i>Journal of Neurochemistry</i> , 1995 , 64, 277-84	6	54
79	Persistent translocation and inhibition of Ca ²⁺ /calmodulin-dependent protein kinase II in the crude synaptosomal fraction of the vulnerable hippocampus following hypoglycemia. <i>Journal of Neurochemistry</i> , 1995 , 64, 1361-9	6	13
78	Biphasic expression of the fos and jun families of transcription factors following transient forebrain ischaemia in the rat. Effect of hypothermia. <i>European Journal of Neuroscience</i> , 1995 , 7, 2007-16	3.5	68

77	Alterations of Ca ²⁺ /calmodulin-dependent protein kinase II and its messenger RNA in the rat hippocampus following normo- and hypothermic ischemia. <i>Neuroscience</i> , 1995 , 68, 1003-16	3.9	49
76	Tyrosine phosphorylation and activation of mitogen-activated protein kinase in the rat brain following transient cerebral ischemia. <i>Journal of Neurochemistry</i> , 1994 , 62, 1357-67	6	133
75	Changes in the tyrosine phosphorylation of mitogen-activated protein kinase in the rat hippocampus during and following severe hypoglycemia. <i>Journal of Neurochemistry</i> , 1994 , 63, 2346-8	6	7
74	Moderate hypothermia mitigates neuronal damage in the rat brain when initiated several hours following transient cerebral ischemia. <i>Acta Neuropathologica</i> , 1994 , 87, 325-31	14.3	186
73	Moderate hypothermia mitigates neuronal damage in the rat brain when initiated several hours following transient cerebral ischemia. <i>Acta Neuropathologica</i> , 1994 , 87, 325-331	14.3	1
72	Protein phosphorylation and the regulation of mRNA translation following cerebral ischemia. <i>Progress in Brain Research</i> , 1993 , 96, 179-91	2.9	23
71	Changes in tyrosine phosphorylation in neocortex following transient cerebral ischaemia. <i>NeuroReport</i> , 1993 , 4, 219-22	1.7	11
70	Postischaemic changes in protein synthesis in the rat brain: effects of hypothermia. <i>Experimental Brain Research</i> , 1993 , 95, 91-9	2.3	52
69	Initiation of protein synthesis and heat-shock protein-72 expression in the rat brain following severe insulin-induced hypoglycemia. <i>Acta Neuropathologica</i> , 1993 , 86, 145-53	14.3	29
68	Heat-shock inhibits protein synthesis and eIF-2 activity in cultured cortical neurons. <i>Neurochemical Research</i> , 1993 , 18, 1003-7	4.6	4
67	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. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1993 , 13, 895-8	7.3	43
66	Casein kinase II activity in the postischemic rat brain increases in brain regions resistant to ischemia and decreases in vulnerable areas. <i>Journal of Neurochemistry</i> , 1993 , 60, 1722-8	6	22
65	Depression of neuronal protein synthesis initiation by protein tyrosine kinase inhibitors. <i>Journal of Neurochemistry</i> , 1993 , 61, 1789-94	6	16
64	Time course of the translocation and inhibition of protein kinase C during complete cerebral ischemia in the rat. <i>Journal of Neurochemistry</i> , 1993 , 61, 1308-14	6	92
63	Ischemia-induced upregulation of excitatory amino acid transport sites. <i>Brain Research</i> , 1993 , 622, 93-8	3.7	17
62	Effects of ischemia on regional ligand binding to adrenoceptors in the rat brain. <i>Journal of the Neurological Sciences</i> , 1992 , 113, 165-76	3.2	4
61	Cerebral protection by AMPA- and NMDA-receptor antagonists administered after severe insulin-induced hypoglycemia. <i>Experimental Brain Research</i> , 1992 , 92, 259-66	2.3	49
60	Brain cortical tissue levels of noradrenaline and its glycol metabolites: effects of ischemia and postischemic administration of idazoxan. <i>Experimental Brain Research</i> , 1992 , 90, 551-6	2.3	6

59	Postischemic blockade of AMPA but not NMDA receptors mitigates neuronal damage in the rat brain following transient severe cerebral ischemia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1992 , 12, 2-11	7-3	284
58	Ultrastructural changes in the hippocampal CA1 region following transient cerebral ischemia: evidence against programmed cell death. <i>Experimental Brain Research</i> , 1992 , 88, 91-105	2-3	250
57	NMDA-receptor blockers but not NBQX, an AMPA-receptor antagonist, inhibit spreading depression in the rat brain. <i>Acta Physiologica Scandinavica</i> , 1992 , 146, 497-503		89
56	Hypothermia ameliorates neuronal survival when induced 2 hours after ischaemia in the rat. <i>Acta Physiologica Scandinavica</i> , 1992 , 146, 543-4		61
55	Lack of protection by the N-methyl-D-aspartate receptor blocker dizocilpine (MK-801) after transient severe cerebral ischemia in the rat. <i>Anesthesiology</i> , 1991 , 75, 279-287	4-3	53
54	Hypothermia prevents the ischemia-induced translocation and inhibition of protein kinase C in the rat striatum. <i>Journal of Neurochemistry</i> , 1991 , 57, 1814-7	6	130
53	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. <i>Journal of Neurochemistry</i> , 1991 , 56, 1227-35	6	124
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