

# Small Differences in Intraischemic Brain Temperature (C) Ischemic Neuronal Injury

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Intensive Care Unit Management of Pediatric Brain Injury. , 0, , 187-201.		0
2	Focal Cerebral Infarction. Journal of Cerebral Blood Flow and Metabolism, 1988, 8, 769-773.	2.4	33
3	Effect of Ischemia on the In Vivo Release of Striatal Dopamine, Glutamate, and ?-Aminobutyric Acid Studied by Intracerebral Microdialysis. Journal of Neurochemistry, 1988, 51, 1455-1464.	2.1	705
4	Intra-ischemic extracellular release of dopamine and glutamate is associated with striatal vulnerability to ischemia. Neuroscience Letters, 1988, 91, 36-40.	1.0	190
5	Acid-induced injury in elasmobranch brain. Neuroscience Letters, 1988, 90, 119-124.	1.0	3
6	Effect of mild hyperthermia on recovery of metabolic function after global cerebral ischemia in cats.. Stroke, 1988, 19, 1521-1525.	1.0	91
7	Pathnophysiology of Ischemic Brain Injury. Critical Care Clinics, 1989, 5, 729-753.	1.0	19
8	Perioperative Management of Intracranial Catastrophes. Critical Care Clinics, 1989, 5, 821-844.	1.0	3
9	Effects of an analogue of thyrotrophin-releasing hormone, RX77368, on infarct size and cerebral blood flow in focal cerebral ischaemia in the rat. Canadian Journal of Physiology and Pharmacology, 1989, 67, 1345-1350.	0.7	14
10	Effect of mild hypothermia on ischemia-induced release of neurotransmitters and free fatty acids in rat brain.. Stroke, 1989, 20, 904-910.	1.0	1,136
11	Rodent models of cerebral ischemia.. Stroke, 1989, 20, 1627-1642.	1.0	597
12	Stimulus-activated changes in brain tissue temperature in the anesthetized rat. Metabolic Brain Disease, 1989, 4, 225-237.	1.4	82
13	The effect of CO2 and non-CO2â€”generating buffers on cerebral acidosis after cardiac arrest: A 31P NMR study. Annals of Emergency Medicine, 1989, 18, 341-347.	0.3	22
14	Direct Evidence for Acute and Massive Norepinephrine Release in the Hippocampus during Transient Ischemia. Journal of Cerebral Blood Flow and Metabolism, 1989, 9, 892-896.	2.4	164
15	The Metabolic Effects of Mild Hypothermia on Global Cerebral Ischemia and Recirculation in the Cat: Comparison to Normothermia and Hyperthermia. Journal of Cerebral Blood Flow and Metabolism, 1989, 9, 141-148.	2.4	252
16	Ischemic Damage in Hippocampal CA1 is Dependent on Glutamate Release and Intact Innervation from CA3. Journal of Cerebral Blood Flow and Metabolism, 1989, 9, 629-639.	2.4	253
17	NMR Spectroscopic Investigation of the Recovery of Energy and Acidâ€”Base Homeostasis in the Cat Brain after Prolonged Ischemia. Journal of Cerebral Blood Flow and Metabolism, 1989, 9, 655-665.	2.4	65
18	Postischemic moderate hypothermia inhibits CA1 hippocampal ischemic neuronal injury. Neuroscience Letters, 1989, 101, 299-304.	1.0	459

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19	Simultaneous recording of local electrical activity, partial oxygen tension and temperature in the rat hippocampus with a chamber-type microelectrode. Effects of anaesthesia, ischemia and epilepsy. <i>Neuroscience</i> , 1989, 28, 539-549.	1.1	58
20	Protective effect of cyclohexyl adenosine in treatment of cerebral ischemia in gerbils. <i>Neuroscience</i> , 1989, 30, 451-462.	1.1	78
21	Elimination of the delayed postischemic energy deficit in cerebral cortex and hippocampus of aged rats with a dried, deproteinized blood extract (Actovegin®). <i>Archives of Gerontology and Geriatrics</i> , 1989, 9, 181-192.	1.4	11
22	Cerebral ischemia in gerbils: improvement of survival after postischemic treatment with oligo-prostaglandin B. <i>European Journal of Pharmacology</i> , 1989, 164, 405-414.	1.7	8
23	Degeneration of neurons in the thalamic reticular nucleus following transient ischemia due to raised intracranial pressure: excitotoxic degeneration mediated via non-NMDA receptors?. <i>Brain Research</i> , 1989, 501, 129-143.	1.1	41
24	Effects of transient, global, cerebral ischemia on striatal extracellular dopamine, serotonin and their metabolites. <i>Life Sciences</i> , 1989, 44, 1335-1342.	2.0	78
25	Protection from cerebral ischemia by brain cooling without reduced lactate accumulation in dogs.. <i>Stroke</i> , 1989, 20, 770-777.	1.0	133
26	The importance of brain temperature in cerebral ischemic injury.. <i>Stroke</i> , 1989, 20, 1113-1114.	1.0	303
27	Conditions for pharmacologic evaluation in the gerbil model of forebrain ischemia.. <i>Stroke</i> , 1989, 20, 1545-1552.	1.0	86
28	Moderate hypothermia after cardiac arrest of 17 minutes in dogs. Effect on cerebral and cardiac outcome.. <i>Stroke</i> , 1990, 21, 1600-1606.	1.0	123
29	Temperature modulation of ischemic neuronal death and inhibition of calcium/calmodulin-dependent protein kinase II in gerbils.. <i>Stroke</i> , 1990, 21, 1715-1721.	1.0	153
30	Methionine sulfoximine reduces cortical infarct size in rats after middle cerebral artery occlusion.. <i>Stroke</i> , 1990, 21, 322-327.	1.0	64
31	(S)-emopamil protects against global ischemic brain injury in rats.. <i>Stroke</i> , 1990, 21, 1734-1739.	1.0	35
32	Effect of hyperglycemia on neuronal changes in a rabbit model of focal cerebral ischemia.. <i>Stroke</i> , 1990, 21, 447-450.	1.0	83
33	Delayed Increases in Regional Brain Quinolinic Acid Follow Transient Ischemia in the Gerbil. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1990, 10, 660-667.	2.4	58
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36	Regional Neuroprotective Effects of the NMDA Receptor Antagonist MK-801 (Dizocilpine) in Hypoglycemic Brain Damage. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1990, 10, 270-276.	2.4	70

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37	The Influence of Mild Body and Brain Hypothermia on Ischemic Brain Damage. Journal of Cerebral Blood Flow and Metabolism, 1990, 10, 365-374.	2.4	331
38	Mild Cerebral Hypothermia during and after Cardiac Arrest Improves Neurologic Outcome in Dogs. Journal of Cerebral Blood Flow and Metabolism, 1990, 10, 57-70.	2.4	344
39	Prevention of Postischemic Hyperthermia Prevents Ischemic Injury of CA <sub>1</sub> Neurons in Gerbils. Journal of Cerebral Blood Flow and Metabolism, 1990, 10, 550-556.	2.4	195
40	Mild Hypothermia Prevents Ischemic Injury in Gerbil Hippocampus. Journal of Cerebral Blood Flow and Metabolism, 1990, 10, 557-563.	2.4	275
41	A simple, inexpensive method of monitoring brain temperature in conscious rodents. Journal of Neuroscience Methods, 1990, 33, 179-183.	1.3	14
42	Changing practices in neuroanaesthesia. Canadian Journal of Anaesthesia, 1990, 37, Slxxxix-Scvii.	0.7	5
43	31 Phosphorous Nuclear Magnetic Resonance Spectroscopy of rat brain with temporary global cerebral ischemia ? Methodology. Acta Neurochirurgica, 1990, 103, 158-162.	0.9	8
44	The effect of mild hyperthermia and hypothermia on brain damage following 5, 10, and 15 minutes of forebrain ischemia. Annals of Neurology, 1990, 28, 26-33.	2.8	378
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50	2,3-Dihydroxy-6-nitro-7-sulfamoyl-benzo(F)quinoxaline: a neuroprotectant for cerebral ischemia. Science, 1990, 247, 571-574.	6.0	1,081
51	Epidural temperature and possible intracerebral temperature gradients in man. British Journal of Neurosurgery, 1990, 4, 31-38.	0.4	87
52	Reduction of delayed neuronal death by inhibition of protein synthesis. Neuroscience Letters, 1990, 120, 117-119.	1.0	199
53	Glutamate-mediated selective vulnerability to ischemia is present in organotypic cultures of hippocampus. Neuroscience Letters, 1990, 116, 325-330.	1.0	60
54	Threshold of carotid artery back pressure for delayed neuronal injury in the hippocampus after bilateral common carotid artery occlusion in gerbils. Journal of the Neurological Sciences, 1990, 97, 251-259.	0.3	11

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56	Hippocampal cell death following ischemia: Effects of brain temperature and anesthesia. <i>Experimental Neurology</i> , 1990, 108, 251-260.	2.0	49
57	The neuroprotective actions of kynurenic acid and MK-801 in gerbils are synergistic and not related to hypothermia. <i>European Journal of Pharmacology</i> , 1990, 176, 143-149.	1.7	91
58	The pattern of 72-kDa heat shock protein-like immunoreactivity in the rat brain following fluoroethyl-induced status epilepticus. <i>Brain Research</i> , 1990, 531, 173-182.	1.1	141
59	Methylenedioxymethamphetamine-induced hyperthermia and neurotoxicity are independently mediated by 5-HT <sub>2</sub> receptors. <i>Brain Research</i> , 1990, 529, 85-90.	1.1	125
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61	MK-801 reduced cerebral ischemic injury by inducing hypothermia. <i>Brain Research</i> , 1990, 514, 300-304.	1.1	215
62	Cerebral ischemia, locomotor activity and spatial mapping. <i>Brain Research</i> , 1990, 533, 78-82.	1.1	109
63	Neuroprotective activity of chlormethiazole following transient forebrain ischaemia in the gerbil. <i>British Journal of Pharmacology</i> , 1991, 104, 406-411.	2.7	105
64	The use of locomotor activity as a behavioral screen for neuronal damage following transient forebrain ischemia in gerbils. <i>Neuroscience Letters</i> , 1991, 128, 71-76.	1.0	95
65	Transient forebrain ischemia of three-minute duration consistently induces severe neuronal damage in field CA1 of the hippocampus in the normothermic gerbil. <i>Neuroscience Letters</i> , 1991, 131, 171-174.	1.0	61
66	The severity of excitotoxic brain injury is dependent on brain temperature in immature rat. <i>Neuroscience Letters</i> , 1991, 126, 83-86.	1.0	48
67	Critical levels of extracellular glutamate mediating gerbil hippocampal delayed neuronal death during hypothermia: Brain microdialysis study. <i>Neuroscience</i> , 1991, 42, 661-670.	1.1	243
68	Postischemic spontaneous hyperthermia is not a major aggravating factor for neuronal damage following repeated brief cerebral ischemia in the gerbil. <i>Neuroscience Letters</i> , 1991, 126, 21-24.	1.0	16
69	Monoamine oxidase inhibitors prevent striatal neuronal necrosis induced by transient forebrain ischemia. <i>Neuroscience Letters</i> , 1991, 126, 175-178.	1.0	55
70	Neuroprotective properties of 5-HT <sub>1A</sub> receptor agonists in rodent models of focal and global cerebral ischemia. <i>European Journal of Pharmacology</i> , 1991, 203, 213-222.	1.7	77
71	Polyamines can protect against ischemia-induced nerve cell death in gerbil forebrain. <i>Experimental Neurology</i> , 1991, 111, 349-355.	2.0	106
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73	â€˜Ischemic toleranceâ€™™ phenomenon detected in various brain regions. Brain Research, 1991, 561, 203-211.	1.1	333
74	Hypothermic protection following middle cerebral artery occlusion in the rat. World Neurosurgery, 1991, 36, 175-180.	1.3	48
75	Excitotoxic index â€” a biochemical marker of selective vulnerability. Neuroscience Letters, 1991, 127, 39-42.	1.0	168
76	Involvement of lipid peroxidation and inhibitory mechanisms on ischemic neuronal damage in gerbil hippocampus: Quantitative autoradiographic studies on second messenger and neurotransmitter systems. Neuroscience, 1991, 42, 159-169.	1.1	21
77	Selective vulnerability of the hippocampus in brain ischemia. Neuroscience, 1991, 40, 599-636.	1.1	910
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79	Amelioration of delayed neuronal death in the hippocampus by nerve growth factor. Journal of Neuroscience, 1991, 11, 2914-2919.	1.7	335
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82	A novel treatment for ischemic intracranial hypertension in cats.. Stroke, 1991, 22, 80-83.	1.0	10
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86	Ultraprofound hypothermia with complete blood substitution in a canine model. Journal of Neurosurgery, 1991, 74, 781-788.	0.9	32
87	Interaction between free radicals and excitatory amino acids in the formation of ischemic brain edema in rats.. Stroke, 1991, 22, 915-921.	1.0	92
88	Mild hypothermia ameliorates ubiquitin synthesis and prevents delayed neuronal death in the gerbil hippocampus.. Stroke, 1991, 22, 1574-1581.	1.0	69
89	Interactions Between Hypoxia and Hypothermia. Annual Review of Physiology, 1991, 53, 71-85.	5.6	216
90	Comparative Effect of Transient Global Ischemia on Extracellular Levels of Glutamate, Glycine, and ?-Aminobutyric Acid in Vulnerable and Nonvulnerable Brain Regions in the Rat. Journal of Neurochemistry, 1991, 57, 470-478.	2.1	293

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91	Hypothermia Prevents the Ischemia-Induced Translocation and Inhibition of Protein Kinase C in the Rat Striatum. <i>Journal of Neurochemistry</i> , 1991, 57, 1814-1817.	2.1	142
92	Regionally Selective Effects of NMDA Receptor Antagonists against Ischemic Brain Damage in the Gerbil. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1991, 11, 600-610.	2.4	74
93	Postischemic Hypothermia Fails to Reduce Ischemic Injury in Gerbil Hippocampus. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1991, 11, 617-620.	2.4	95
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97	Protection after Transient Focal Cerebral Ischemia by the N-Methyl-d-Aspartate Antagonist Dextrorphan is Dependent upon Plasma and Brain Levels. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1991, 11, 1015-1024.	2.4	46
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99	Induced Tolerance to Ischemia in Gerbil Hippocampal Neurons. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1991, 11, 299-307.	2.4	575
100	Hyperthermia-Induced Neuronal Protection against Ischemic Injury in Gerbils. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1991, 11, 449-452.	2.4	157
101	Comparison of diffusion- and T2-weighted MRI for the early detection of cerebral ischemia and reperfusion in rats. <i>Magnetic Resonance in Medicine</i> , 1991, 18, 39-50.	1.9	514
102	Changes in striatal dopamine neurohistochemistry and biochemistry after incomplete transient cerebral ischemia in the rat. <i>Experimental Brain Research</i> , 1991, 86, 545-54.	0.7	17
103	Influence of moderate hypothermia on ischemic brain damage incurred under hyperglycemic conditions. <i>Experimental Brain Research</i> , 1991, 84, 91-101.	0.7	39
104	Global cerebral ischemia and subsequent selective hypothermia. <i>Acta Neuropathologica</i> , 1991, 81, 443-449.	3.9	47
105	Interrelationships between increased vascular permeability and acute neuronal damage following temperature-controlled brain ischemia in rats. <i>Acta Neuropathologica</i> , 1991, 81, 615-625.	3.9	140
106	Delayed institution of hypertension during focal cerebral ischemia: effect on brain edema. <i>Acta Neuropathologica</i> , 1991, 81, 339-344.	3.9	12
107	Relationship between body and brain temperature in traumatically brain-injured rodents. <i>Journal of Neurosurgery</i> , 1991, 74, 492-496.	0.9	125
108	Pharmacologic Modulation of Recovery After Stroke: Clinical Data. <i>Neurorehabilitation and Neural Repair</i> , 1991, 5, 129-140.	1.4	13

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109	Temporal thresholds for neocortical infarction in rats subjected to reversible focal cerebral ischemia.. Stroke, 1991, 22, 1032-1039.	1.0	321
110	Mild hypothermia reduces infarct size resulting from temporary but not permanent focal ischemia in rats.. Stroke, 1992, 23, 733-738.	1.0	214
111	Reduction by delayed hypothermia of cerebral infarction following middle cerebral artery occlusion in the rat: a time-course study. Journal of Neurosurgery, 1992, 77, 438-444.	0.9	138
112	Evaluation of a novel calcium channel blocker, (S)-emopamil, on regional cerebral edema and neurobehavioral function after experimental brain injury. Journal of Neurosurgery, 1992, 77, 607-615.	0.9	78
113	Criteria for Valid Preclinical Trials. Journal of Neurotrauma, 1992, 9, 177-181.	1.7	4
114	Beneficial effect of mild hypothermia and detrimental effect of deep hypothermia after cardiac arrest in dogs.. Stroke, 1992, 23, 1454-1462.	1.0	221
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117	Spontaneous cerebral hypothermia diminishes focal infarction in rat brain.. Stroke, 1992, 23, 1812-1816.	1.0	85
118	Neuroprotective effects of SKF 10,047 in cultured rat cerebellar neurons and in gerbil global brain ischemia.. Stroke, 1992, 23, 414-419.	1.0	39
119	Neuroprotective mechanism of (+)SKF 10,047 in vitro and in gerbil global brain ischemia.. Stroke, 1992, 23, 1319-1323.	1.0	22
120	Combined treatment with MK-801 and nicardipine reduces global ischemic damage in the gerbil.. Stroke, 1992, 23, 82-86.	1.0	39
121	Selective brain cooling during and after prolonged global ischemia reduces cortical damage in rats.. Stroke, 1992, 23, 1792-1796.	1.0	63
122	Effect of flunarizine on electroencephalogram recovery and brain temperature in gerbils after brain ischemia.. Stroke, 1992, 23, 229-233.	1.0	8
123	Ischemia-induced extracellular release of serotonin plays a role in CA1 neuronal cell death in rats.. Stroke, 1992, 23, 1595-1601.	1.0	67
124	Combination therapy with nimodipine and dizocilpine in a rat model of transient forebrain ischemia.. Stroke, 1992, 23, 725-732.	1.0	50
125	Emphasized selective vulnerability after repeated nonlethal cerebral ischemic insults in rats.. Stroke, 1992, 23, 739-745.	1.0	28
126	Effects of hypothermia on evoked potentials, magnetic resonance imaging, and blood flow in focal ischemia in rabbits.. Stroke, 1992, 23, 889-893.	1.0	79



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128	Changes in extracellular concentration of amino acids in the hippocampus during cerebral ischemia in stroke-prone SHR, stroke-resistant SHR and normotensive rats. Neuroscience Letters, 1992, 135, 184-188.	1.0	52
129	Neurological and behavioral outcomes of focal cerebral ischemia in rats.. Stroke, 1992, 23, 267-272.	1.0	179
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133	Effect of opioids on delayed neuronal death in the gerbil hippocampus. Life Sciences, 1992, 50, PL239-PL244.	2.0	19
134	Hypothermia protects astrocytes during ischemia in cell culture. Neuroscience Letters, 1992, 146, 69-71.	1.0	19
135	Acidic fibroblast growth factor delays in vitro ischemia-induced intracellular calcium elevation in gerbil hippocampal slices: a sign of neuroprotection. Neurochemistry International, 1992, 21, 337-341.	1.9	26
136	Effects of hyperthermia on the effectiveness of MK-801 treatment in the gerbil hippocampus following transient forebrain ischemia. Brain Research Bulletin, 1992, 29, 659-665.	1.4	11
137	Temperature monitoring during CPB in infants: Does it predict efficient brain cooling?. Annals of Thoracic Surgery, 1992, 54, 749-754.	0.7	76
138	The effects of post-ischemic hypothermia on the neuronal injury and brain metabolism after forebrain ischemia in the rat. Journal of the Neurological Sciences, 1992, 107, 191-198.	0.3	47
139	Cholinomimetic activity of minaprine is related to the amelioration of delayed neuronal death in gerbils. Physiology and Behavior, 1992, 52, 141-147.	1.0	6
140	Influence of oxidative stress on induced tolerance to ischemia in gerbil hippocampal neurons. Brain Research, 1992, 599, 246-252.	1.1	151
141	Preservation of hippocampal brain slices with in vivo or in vitro hypothermia. Brain Research, 1992, 575, 159-163.	1.1	42
142	Temperature sensitivity of thin unmyelinated fibers in rat hippocampal cortex. Brain Research, 1992, 576, 319-321.	1.1	17
143	Intrathecal oxymetazoline does not produce neurotoxicity in the spinal cord of the rat. Brain Research, 1992, 599, 73-82.	1.1	4
144	Protective effects of brain hypothermia on behavior and histopathology following global cerebral ischemia in rats. Brain Research, 1992, 580, 197-204.	1.1	171

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146	Gamma-vinyl GABA prevents hippocampal and substantia nigra reticulata damage in repetitive transient forebrain ischemia. Brain Research, 1992, 590, 13-17.	1.1	88
147	Immediate or delayed mild hypothermia prevents focal cerebral infarction. Brain Research, 1992, 587, 66-72.	1.1	177
148	Effects of intra-ischemic blood pressure on outcome from 2-vessel occlusion forebrain ischemia in the rat. Brain Research, 1992, 586, 188-194.	1.1	44
149	Systematic administration of a cholecystokinin analogue, ceruletide, protects against ischemia-induced neurodegeneration in gerbils. European Journal of Pharmacology, 1992, 214, 149-158.	1.7	13
150	Treatment of severe brain ischemia with di- and tri-Calciphor (dimer and trimer of 16,16- $\epsilon^2$ -dimethyl) Tj ETQq1 1 0.784314 rgBT /Over	1.7	8
151	Risk of spinal cord dysfunction in patients undergoing thoracoabdominal aortic replacement. American Journal of Surgery, 1992, 164, 210-214.	0.9	210
152	Energy metabolism of rabbit retina as related to function: high cost of Na <sup>+</sup> transport. Journal of Neuroscience, 1992, 12, 840-853.	1.7	395
153	Selective Cooling of Brain Using Profound Hemodilution in Dogs. Neurosurgery, 1992, 31, 1049-1055.	0.6	16
154	The Effect of Mild Hypothermia on Permanent Focal Ischemia in the Rat. Neurosurgery, 1992, 31, 1056-1061.	0.6	105
155	During Repetitive Forebrain Ischemia, Post-ischemic Hypothermia Protects Neurons from Damage. Canadian Journal of Neurological Sciences, 1992, 19, 428-432.	0.3	25
156	Advances in Cerebral Ischemia: Experimental Approaches. Neurologic Clinics, 1992, 10, 49-61.	0.8	47
157	Intraventricular infusion of N-methyl-d-aspartate. Acta Neuropathologica, 1992, 84, 621-629.	3.9	35
158	Cerebral blood flow and histopathological changes following permanent bilateral carotid artery ligation in Wistar rats. Experimental Brain Research, 1992, 89, 87-92.	0.7	133
159	Moderate hypothermia reduces blood-brain barrier disruption following traumatic brain injury in the rat. Acta Neuropathologica, 1992, 84, 495-500.	3.9	226
160	Re-evaluation of ischemia-induced neuronal damage in hippocampal regions in the normothermic gerbil. Acta Neuropathologica, 1992, 85, 10-14.	3.9	12
161	The influence of hypothermia on hypoglycemia-induced brain damage in the rat. Acta Neuropathologica, 1992, 83, 379-385.	3.9	25
162	Energy metabolism and selective neuronal vulnerability following global cerebral ischemia. Neurochemical Research, 1992, 17, 923-931.	1.6	47

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163	Alterations in the $\gamma$ -Aminobutyric Acid-Gated Chloride Channel Following Transient Forebrain Ischemia in the Gerbil. <i>Journal of Neurochemistry</i> , 1992, 58, 600-607.	2.1	30
164	Eicosanoid Production in the Caudate Nucleus and Dorsal Hippocampus after Forebrain Ischemia: A Microdialysis Study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1992, 12, 88-95.	2.4	31
165	Methodological Requirements for Accurate Measurements of Brain and Body Temperature during Global Forebrain Ischemia of Rat. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1992, 12, 817-822.	2.4	64
166	The Effect of Profound Levels of Hypothermia (Below 14 $^{\circ}$ C) on Canine Cerebral Metabolism. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1992, 12, 877-880.	2.4	75
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1113	Therapeutic hypothermia in experimental models of focal and global cerebral ischemia and intracerebral hemorrhage. <i>Expert Review of Neurotherapeutics</i> , 2008, 8, 1255-1268.	1.4	38
1114	Neuroprotection during cardiac surgery. <i>Expert Review of Cardiovascular Therapy</i> , 2008, 6, 503-520.	0.6	21
1115	Elevated Temperature After Hypoxic-Ischemic Encephalopathy: Risk Factor for Adverse Outcomes. <i>Pediatrics</i> , 2008, 122, 491-499.	1.0	183
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1117	Induced hypothermia in acute ischemic stroke. <i>Expert Opinion on Investigational Drugs</i> , 2008, 17, 1161-1174.	1.9	16
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1120	Use of induced hypothermia for neuroprotection: indications and application. <i>Future Neurology</i> , 2008, 3, 325-361.	0.9	4
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1122	Propofol Pretreatment Attenuates Aquaporin-4 Over-Expression and Alleviates Cerebral Edema After Transient Focal Brain Ischemia Reperfusion in Rats. <i>Anesthesia and Analgesia</i> , 2008, 107, 2009-2016.	1.1	51

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1125	Just too good to be true (in the ICU)? Lower hospital mortality after pediatric hematopoietic stem cell transplantation*. Critical Care Medicine, 2008, 36, 1023-1024.	0.4	0
1126	Itâ€™s not only biochemistry: A possible pathogenetic role of immobilization/immobility in critical illness polyneuromyopathy*. Critical Care Medicine, 2008, 36, 1021-1022.	0.4	1
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1157	Protection in Animal Models of Brain and Spinal Cord Injury with Mild to Moderate Hypothermia. Journal of Neurotrauma, 2009, 26, 301-312.	1.7	128
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1169	Time- and temperature-dependent forebrain ischemic damage in Mongolian gerbils. <i>Acta Neurologica Scandinavica</i> , 2009, 85, 187-190.	1.0	1
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1172	Effect of mild hypothermia on blood brain barrier disruption induced by oleic acid in rats. <i>Genes and Genomics</i> , 2009, 31, 89-98.	0.5	6
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1186	Fetal Hypoxia Insults and Patterns of Brain Injury: Insights from Animal Models. <i>Clinics in Perinatology</i> , 2009, 36, 579-593.	0.8	157
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1190	Thermoregulatory defense mechanisms. <i>Critical Care Medicine</i> , 2009, 37, S203-S210.	0.4	154
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1199	Cold aortic flush and chest compressions enable good neurologic outcome after 15 mins of ventricular fibrillation in cardiac arrest in pigs*. <i>Critical Care Medicine</i> , 2010, 38, 1637-1643.	0.4	23
1200	Genetic association research: Understanding its challenges and limitations*. <i>Pediatric Critical Care Medicine</i> , 2010, 11, 762-763.	0.2	3
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1209	Global warming after cardiac arrest in children exists*. <i>Pediatric Critical Care Medicine</i> , 2010, 11, 760-761.	0.2	1
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1213	The Evidence for Hypothermia as a Neuroprotectant in Traumatic Brain Injury. <i>Neurotherapeutics</i> , 2010, 7, 43-50.	2.1	126
1214	Late-onset choreoathetotic syndrome following heart surgery. <i>Neurological Sciences</i> , 2010, 31, 95-97.	0.9	13
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1219	Outcome after resuscitation using controlled rapid extracorporeal cooling to a brain temperature of 30 <sup>o</sup> C, 24 <sup>o</sup> C and 18 <sup>o</sup> C during cardiac arrest in pigs. <i>Resuscitation</i> , 2010, 81, 242-247.	1.3	9
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1221	Prevention of Hypoglycemia-Induced Neuronal Death by Hypothermia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2010, 30, 390-402.	2.4	23
1222	Prolonged, 24-h Delayed Peripheral Inflammation Increases Short- and Long-Term Functional Impairment and Histopathological Damage after Focal Ischemia in the Rat. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2010, 30, 1450-1459.	2.4	30
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1225	Neonatal Encephalopathy: Treatment With Hypothermia. <i>NeoReviews</i> , 2010, 11, e85-e92.	0.4	11
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1227	Should One Prevent or Treat Hypothermia in the Intensive Care Unit?. , 2010, , 612-617.		0
1228	Hypothermia for hypoxic <sup>1</sup> ischemic encephalopathy. <i>Expert Review of Obstetrics and Gynecology</i> , 2010, 5, 227-239.	0.4	69
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1237	Prise en charge de lâ€™hyperthermie en neurorÃ©animation. <i>Reanimation: Journal De La Societe De Reanimation De Langue Francaise</i> , 2010, 19, 486-492.	0.1	1
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1254	Therapeutic hypothermia: Benefits, mechanisms and potential clinical applications in neurological, cardiac and kidney injury. <i>Injury</i> , 2011, 42, 843-854.	0.7	103
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1260	A Prospective Randomized Study to Evaluate the Antipyretic Effect of the Combination of Acetaminophen and Ibuprofen in Neurological ICU Patients. <i>Neurocritical Care</i> , 2011, 15, 375-378.	1.2	20
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1262	Therapeutic hypothermia in acute ischemic stroke. <i>Neurosurgical Focus</i> , 2011, 30, E17.	1.0	35
1263	Induction of Therapeutic Hypothermia Requires Modulation of Thermoregulatory Defenses. <i>Therapeutic Hypothermia and Temperature Management</i> , 2011, 1, 77-85.	0.3	9
1264	A Review of Clinical Trials of Hypothermia Treatment for Severe Traumatic Brain Injury. <i>Therapeutic Hypothermia and Temperature Management</i> , 2011, 1, 143-149.	0.3	8
1265	Unilateral Brain Hypothermia as a Method to Examine Efficacy and Mechanisms of Neuroprotection Against Global Ischemia. <i>Therapeutic Hypothermia and Temperature Management</i> , 2011, 1, 87-94.	0.3	7
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1267	Facts and Fiction: The Impact of Hypothermia on Molecular Mechanisms following Major Challenge. <i>Mediators of Inflammation</i> , 2012, 2012, 1-13.	1.4	28
1268	History of International Society for Cerebral Blood Flow and Metabolism. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2012, 32, 1099-1106.	2.4	1
1269	The History of Neuroanesthesiology. <i>Journal of Neurosurgical Anesthesiology</i> , 2012, 24, 281-299.	0.6	15
1270	Therapeutic Hypothermia during Neonatal Transport: Current Practices in California. <i>American Journal of Perinatology</i> , 2012, 29, 319-326.	0.6	13
1271	Thermal Effects of Diagnostic Ultrasound in an Anthropomorphic Skull Model. <i>Ultraschall in Der Medizin</i> , 2012, 33, E313-E320.	0.8	3
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1273	Protective effect of hypothermia on brain potassium homeostasis during repetitive anoxia in <i>Drosophila melanogaster</i> . <i>Journal of Experimental Biology</i> , 2012, 215, 4157-65.	0.8	21
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1277	Hypoxic-ischemic Encephalopathy and Novel Strategies for Neuroprotection. <i>Clinics in Perinatology</i> , 2012, 39, 919-929.	0.8	71
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1281	Standard operating procedures: therapeutic hypothermia in CPR and post-resuscitation care. <i>Critical Care</i> , 2012, 16, .	2.5	1
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1283	Pharmacodynamics in hypothermia. <i>Critical Care</i> , 2012, 16, .	2.5	5
1284	Pathogenetic mechanisms of heatstroke and novel therapies. <i>Critical Care</i> , 2012, 16, .	2.5	4
1285	Is therapeutic hypothermia immunosuppressive?. <i>Critical Care</i> , 2012, 16, .	2.5	15
1286	Controlled prophylactic normothermia. <i>Critical Care</i> , 2012, 16, .	2.5	0
1287	Therapeutic hypothermia in traumatic brain injury. <i>Critical Care</i> , 2012, 16, .	2.5	1
1288	Hypothermia in spinal cord injury. <i>Critical Care</i> , 2012, 16, .	2.5	5
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1290	Therapeutic hypothermia decreases growth of perihemorrhagic edema and prevents critical increase of intracranial pressure in large intracerebral haemorrhage. <i>Critical Care</i> , 2012, 16, .	2.5	3
1291	Hypothermia in burns intensive care: use of the intravenous temperature management system Thermogard XP®. <i>Critical Care</i> , 2012, 16, .	2.5	3
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1295	Complications of hypothermia: infections. <i>Critical Care</i> , 2012, 16, .	2.5	4
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1297	Hypothermia in cardiogenic shock. <i>Critical Care</i> , 2012, 16, .	2.5	1
1298	Reperfusion injury in acute myocardial infarction. <i>Critical Care</i> , 2012, 16, .	2.5	20
1299	Intracranial pressure and hypothermia. <i>Critical Care</i> , 2012, 16, .	2.5	0
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1304	Hypothermia and nutrition: at present more questions than answers?. <i>Critical Care</i> , 2012, 16, .	2.5	0
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1307	Protective effects of therapeutic hypothermia in post-resuscitation myocardium. <i>Resuscitation</i> , 2012, 83, 633-639.	1.3	18
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1317	Pro: Hypothermic Cardiopulmonary Bypass Should Be Used Routinely. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2012, 26, 945-948.	0.6	5
1318	Safety and efficacy of topiramate in neonates with hypoxic ischemic encephalopathy treated with hypothermia (NeoNATI). <i>BMC Pediatrics</i> , 2012, 12, 144.	0.7	28
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1324	Neuroprotective mechanisms of hypothermia in brain ischaemia. <i>Nature Reviews Neuroscience</i> , 2012, 13, 267-278.	4.9	472
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1354	Therapeutic Hypothermia in Traumatic Brain Injury. , 0, , .		1
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1373	Recent Advances and Future Directions of Hypothermia Therapy for Traumatic Brain Injury. Neurologia Medico-Chirurgica, 2014, 54, 863-869.	1.0	2
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1382	Therapeutic hypothermia for stroke: Where to go?. Experimental Neurology, 2015, 272, 67-77.	2.0	56
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1391	Hypothermia for neonatal hypoxic-ischemic encephalopathy: NICHD Neonatal Research Network contribution to the field. <i>Seminars in Perinatology</i> , 2016, 40, 385-390.	1.1	25
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1396	Rodent Models of Stroke. <i>Neuromethods</i> , 2016, , .	0.2	7
1397	Protocol for meta-analysis of temperature reduction in animal models of cardiac arrest. <i>Evidence-based Preclinical Medicine</i> , 2016, 3, 4-11.	0.9	1
1398	The Anesthetic Management of Interventional Procedures for Acute Ischemic Stroke. <i>Current Anesthesiology Reports</i> , 2016, 6, 223-232.	0.9	5
1399	Upregulation of neuronal zinc finger protein A20 expression is required for electroacupuncture to attenuate the cerebral inflammatory injury mediated by the nuclear factor- $\kappa$ B signaling pathway in cerebral ischemia/reperfusion rats. <i>Journal of Neuroinflammation</i> , 2016, 13, 258.	3.1	53
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1402	Therapeutic hypothermia and targeted temperature management in traumatic brain injury: Clinical challenges for successful translation. <i>Brain Research</i> , 2016, 1640, 94-103.	1.1	71
1403	The Role of Therapeutic Hypothermia After Traumatic Spinal Cord Injury—A Systematic Review. <i>World Neurosurgery</i> , 2016, 86, 432-449.	0.7	52

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1405	Temperature Control in Rodent Neuroprotection Studies: Methods and Challenges. <i>Therapeutic Hypothermia and Temperature Management</i> , 2017, 7, 42-49.	0.3	15
1406	Polysilicon-based flexible temperature sensor for brain monitoring with high spatial resolution. <i>Journal of Micromechanics and Microengineering</i> , 2017, 27, 025001.	1.5	16
1407	Cerebral Temperature Dysregulation: MR Thermographic Monitoring in a Nonhuman Primate Study of Acute Ischemic Stroke. <i>American Journal of Neuroradiology</i> , 2017, 38, 712-720.	1.2	28
1408	Arctic ground squirrel hippocampus tolerates oxygen glucose deprivation independent of hibernation season even when not hibernating and after <scp>ATP</scp> depletion, acidosis, and glutamate efflux. <i>Journal of Neurochemistry</i> , 2017, 142, 160-170.	2.1	30
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1410	A method for evaluating the pharmaceutical deconjugation potential in river water environments. <i>Chemosphere</i> , 2017, 180, 476-482.	4.2	6
1411	Relationship between temperature variability and brain injury on magnetic resonance imaging in cooled newborn infants after perinatal asphyxia. <i>Journal of Perinatology</i> , 2017, 37, 1032-1037.	0.9	5
1412	Comparison of Two Surface Cooling Devices for Temperature Management in a Neurocritical Care Unit. <i>Therapeutic Hypothermia and Temperature Management</i> , 2017, 7, 147-151.	0.3	3
1413	Targeted Temperature Management in Brain Injured Patients. <i>Neurologic Clinics</i> , 2017, 35, 665-694.	0.8	5
1414	Hypothermia for traumatic brain injury. <i>The Cochrane Library</i> , 2017, 2017, CD001048.	1.5	50
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1416	Temperature management for out-of-hospital cardiac arrest. <i>JAAPA: Official Journal of the American Academy of Physician Assistants</i> , 2017, 30, 30-36.	0.1	8
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1418	Magnitude of temperature elevation is associated with neurologic and survival outcomes in resuscitated cardiac arrest patients with postrewarming pyrexia. <i>Journal of Critical Care</i> , 2017, 38, 78-83.	1.0	20
1419	Variability of Post-Cardiac Arrest Care Practices Among Cardiac Arrest Centers: United States and South Korean Dual Network Survey of Emergency Physician Research Principal Investigators. <i>Therapeutic Hypothermia and Temperature Management</i> , 2017, 7, 30-35.	0.3	9
1420	Non-pharmacologic interventions for SCI patients: Hypertension and hypothermia. <i>Seminars in Spine Surgery</i> , 2017, 29, 34-40.	0.1	0
1421	Therapeutic hypothermia protocols. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2017, 141, 619-632.	1.0	11

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1423	Therapeutic hypothermia and targeted temperature management for traumatic brain injury: Experimental and clinical experience. <i>Brain Circulation</i> , 2017, 3, 186.	0.7	40
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1425	Disorders of the Neurologic System. , 2018, , 580-708.		7
1426	Targeted Temperature Management in Brain Injured Patients. <i>Neurosurgery Clinics of North America</i> , 2018, 29, 231-253.	0.8	10
1427	Therapeutic hypothermia for ischemic stroke; pathophysiology and future promise. <i>Neuropharmacology</i> , 2018, 134, 302-309.	2.0	104
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1429	Twenty minutes of normothermic cardiac arrest in a pig model: the role of short-term hypothermia for neurological outcome. <i>Perfusion (United Kingdom)</i> , 2018, 33, 270-277.	0.5	12
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1431	Hypothermia and brain inflammation after cardiac arrest. <i>Brain Circulation</i> , 2018, 4, 1.	0.7	35
1432	Molecular, Cellular, and Tissue Engineering of the Vascular System. <i>Advances in Experimental Medicine and Biology</i> , 2018, , .	0.8	6
1433	Hypothermia Used in Medical Applications for Brain and Spinal Cord Injury Patients. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1097, 295-319.	0.8	9
1434	Effect of mild hypothermia on expression of inflammatory factors in surrounding tissue after minimally invasive hematoma evacuation in the treatment of hypertensive intracerebral hemorrhage. <i>Experimental and Therapeutic Medicine</i> , 2018, 15, 4906-4910.	0.8	7
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1437	The EMCOOLs surface cooling system for fever control in neurocritical care patients: A pilot study. <i>Clinical Neurology and Neurosurgery</i> , 2019, 184, 105412.	0.6	2
1438	Targeted hypothermia versus targeted Normothermia after out-of-hospital cardiac arrest (TTM2): A randomized clinical trialâ€“Rationale and design. <i>American Heart Journal</i> , 2019, 217, 23-31.	1.2	72
1439	Fluid Temperature Measurement in Aqueous Solution via Electrochemical Impedance. <i>Journal of Microelectromechanical Systems</i> , 2019, 28, 1060-1067.	1.7	2

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1441	Caffeine and Primary (Migraine) Headachesâ€”Friend or Foe?. <i>Frontiers in Neurology</i> , 2019, 10, 1275.	1.1	25
1442	Sexually dimorphic microglia and ischemic stroke. <i>CNS Neuroscience and Therapeutics</i> , 2019, 25, 1308-1317.	1.9	70
1443	Improved method for optical fiber temperature probe implantation in brains of free-moving rats. <i>Journal of Neuroscience Methods</i> , 2019, 313, 24-28.	1.3	11
1444	The impact of hyperthermia after acute carbon monoxide poisoning on neurological sequelae. <i>Human and Experimental Toxicology</i> , 2019, 38, 455-465.	1.1	1
1445	Intraischemic Modest Hypothermia Does Not Prevent Onset of Locomotor Inactivity After Transient Forebrain Ischemia in Rats. <i>Therapeutic Hypothermia and Temperature Management</i> , 2019, 9, 197-203.	0.3	0
1446	Trigonelline therapy confers neuroprotection by reduced glutathione mediated myeloperoxidase expression in animal model of ischemic stroke. <i>Life Sciences</i> , 2019, 216, 49-58.	2.0	37
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1448	Hypothermia for Neonatal Hypoxic-Ischemic Encephalopathy. , 2019, , 63-76.		0
1449	Paths to Successful Translation of New Therapies for Severe Traumatic Brain Injury in the Golden Age of Traumatic Brain Injury Research: A Pittsburgh Vision. <i>Journal of Neurotrauma</i> , 2020, 37, 2353-2371.	1.7	31
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