

Miroslava Nemethova

List of Publications by Citations

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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.

34
papers

711
citations

15
h-index

26
g-index

34
ext. papers

740
ext. citations

3.4
avg, IF

3.23
L-index

#	Paper	IF	Citations
34	Delayed postconditioning initiates additive mechanism necessary for survival of selectively vulnerable neurons after transient ischemia in rat brain. <i>Cellular and Molecular Neurobiology</i> , 2006 , 26, 1141-51	4.6	97
33	Possible mechanisms involved in the down-regulation of translation during transient global ischaemia in the rat brain. <i>Biochemical Journal</i> , 2001 , 357, 819-826	3.8	71
32	The changes in endogenous antioxidant enzyme activity after postconditioning. <i>Cellular and Molecular Neurobiology</i> , 2006 , 26, 1181-91	4.6	56
31	Possible mechanisms involved in the down-regulation of translation during transient global ischaemia in the rat brain. <i>Biochemical Journal</i> , 2001 , 357, 819-26	3.8	56
30	Changes of endogenous antioxidant enzymes during ischemic tolerance acquisition. <i>Neurochemical Research</i> , 2005 , 30, 559-65	4.6	53
29	Role of protein synthesis in the ischemic tolerance acquisition induced by transient forebrain ischemia in the rat. <i>Neurochemical Research</i> , 2003 , 28, 1213-9	4.6	47
28	Evidence for a role of second pathophysiological stress in prevention of delayed neuronal death in the hippocampal CA1 region. <i>Neurochemical Research</i> , 2005 , 30, 1397-405	4.6	47
27	Bradykinin postconditioning protects pyramidal CA1 neurons against delayed neuronal death in rat hippocampus. <i>Cellular and Molecular Neurobiology</i> , 2009 , 29, 871-8	4.6	46
26	Effects of bradykinin postconditioning on endogenous antioxidant enzyme activity after transient forebrain ischemia in rat. <i>Neurochemical Research</i> , 2008 , 33, 1057-64	4.6	36
25	Delayed post-conditioning reduces post-ischemic glutamate level and improves protein synthesis in brain. <i>Neurochemistry International</i> , 2013 , 62, 854-60	4.4	21
24	Development of a pattern in biochemical parameters in the core and penumbra during infarct evolution after transient MCAO in rats. <i>Neurochemistry International</i> , 2013 , 62, 8-14	4.4	20
23	Transient forebrain ischemia impact on lymphocyte DNA damage, glutamic acid level, and SOD activity in blood. <i>Cellular and Molecular Neurobiology</i> , 2009 , 29, 887-94	4.6	19
22	Postconditioning and anticonditioning: possibilities to interfere to evoked apoptosis. <i>Cellular and Molecular Neurobiology</i> , 2009 , 29, 821-5	4.6	18
21	Bradykinin postconditioning ameliorates focal cerebral ischemia in the rat. <i>Neurochemistry International</i> , 2014 , 72, 22-9	4.4	17
20	Activities of endogenous antioxidant enzymes in the cerebrospinal fluid and the hippocampus after transient forebrain ischemia in rat. <i>Journal of the Neurological Sciences</i> , 2007 , 253, 61-5	3.2	17
19	Aminoguanidine administration ameliorates hippocampal damage after middle cerebral artery occlusion in rat. <i>Neurochemical Research</i> , 2011 , 36, 476-86	4.6	15
18	Post-conditioning exacerbates the MnSOD immune-reactivity after experimental cerebral global ischemia and reperfusion in the rat brain hippocampus. <i>Cell Biology International</i> , 2008 , 32, 128-35	4.5	15

17	Delayed remote ischemic postconditioning protects against transient cerebral ischemia/reperfusion as well as kainate-induced injury in rats. <i>Acta Histochemica</i> , 2014 , 116, 1062-7	2	11
16	Neuroprotection mediated by remote preconditioning is associated with a decrease in systemic oxidative stress and changes in brain and blood glutamate concentration. <i>Neurochemistry International</i> , 2019 , 129, 104461	4.4	8
15	Scheme of Ischaemia-triggered Agents during Brain Infarct Evolution in a Rat Model of Permanent Focal Ischaemia. <i>Journal of Molecular Neuroscience</i> , 2015 , 57, 73-82	3.3	6
14	An effective combination of two different methods of postconditioning. <i>Neurochemical Research</i> , 2012 , 37, 2085-91	4.6	6
13	Blood cells serve as a source of factor-inducing rapid ischemic tolerance in brain. <i>European Journal of Neuroscience</i> , 2016 , 44, 2958-2965	3.5	5
12	Brain-derived neurotrophic factor blood levels in two models of transient brain ischemia in rats. <i>General Physiology and Biophysics</i> , 2013 , 32, 139-42	2.1	4
11	Effects of one-day reperfusion after transient forebrain ischemia on circulatory system in the rat. <i>General Physiology and Biophysics</i> , 2010 , 29, 113-21	2.1	4
10	Delayed bradykinin postconditioning modulates intrinsic neuroprotective enzyme expression in the rat CA1 region after cerebral ischemia: a proteomic study. <i>Metabolic Brain Disease</i> , 2016 , 31, 1391-1403	3.9	4
9	Rapid remote conditioning mediates modulation of blood cell paracrine activity and leads to the production of a secretome with neuroprotective features. <i>Journal of Neurochemistry</i> , 2020 , 154, 99-111	6	3
8	Remote ischemic postconditioning as well as blood plasma from double-conditioned donor ameliorate reperfusion syndrome in skeletal muscle. <i>Journal of Plastic Surgery and Hand Surgery</i> , 2020 , 54, 59-65	1.5	3
7	Effect of L-carnitine on postischemic inhibition of protein synthesis in the rat brain. <i>General Physiology and Biophysics</i> , 2009 , 28, 242-8	2.1	2
6	Brain to blood efflux as a mechanism underlying the neuroprotection mediated by rapid remote preconditioning in brain ischemia. <i>Molecular Biology Reports</i> , 2020 , 47, 5385-5395	2.8	1
5	The effect of normovolemic hemodilution on c-Fos protein immunoreactivity in the postischemic rat brain cortex. <i>International Journal of Neuroscience</i> , 2005 , 115, 523-36	2	1
4	Iron Deposition in the Brain Following the Ischemia in a Rat Model of Ischemic Tolerance. <i>Acta Medica (Hradec Kralove)</i> , 2004 , 47, 285-288	0.8	1
3	Postconditioning Effectively Prevents Trimethyltin Induced Neuronal Damage in the Rat Brain. <i>Folia Biologica</i> , 2016 , 64, 97-103	0.7	1
2	Modifications of gene expression detected in peripheral blood after brain ischemia treated with remote postconditioning. <i>Molecular Biology Reports</i> , 2021 , 1	2.8	
1	Accelerated capacity of glutamate uptake via blood elements as a possible tool of rapid remote conditioning mediated tissue protection. <i>Neurochemistry International</i> , 2021 , 142, 104927	4.4	