

# Petra Bonova

## List of Publications by Citations

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**Version:** 2024-04-28

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22  
papers

238  
citations

8  
h-index

15  
g-index

22  
ext. papers

254  
ext. citations

3.9  
avg, IF

2.69  
L-index

#	Paper	IF	Citations
22	Bradykinin postconditioning protects pyramidal CA1 neurons against delayed neuronal death in rat hippocampus. <i>Cellular and Molecular Neurobiology</i> , <b>2009</b> , 29, 871-8	4.6	46
21	Chemokines as possible targets in modulation of the secondary damage after acute spinal cord injury: a review. <i>Cellular and Molecular Neurobiology</i> , <b>2009</b> , 29, 1025-35	4.6	28
20	Delayed post-conditioning reduces post-ischemic glutamate level and improves protein synthesis in brain. <i>Neurochemistry International</i> , <b>2013</b> , 62, 854-60	4.4	21
19	Development of a pattern in biochemical parameters in the core and penumbra during infarct evolution after transient MCAO in rats. <i>Neurochemistry International</i> , <b>2013</b> , 62, 8-14	4.4	20
18	Transient forebrain ischemia impact on lymphocyte DNA damage, glutamic acid level, and SOD activity in blood. <i>Cellular and Molecular Neurobiology</i> , <b>2009</b> , 29, 887-94	4.6	19
17	Postconditioning and anticonditioning: possibilities to interfere to evoked apoptosis. <i>Cellular and Molecular Neurobiology</i> , <b>2009</b> , 29, 821-5	4.6	18
16	Bradykinin postconditioning ameliorates focal cerebral ischemia in the rat. <i>Neurochemistry International</i> , <b>2014</b> , 72, 22-9	4.4	17
15	Delayed remote ischemic postconditioning protects against transient cerebral ischemia/reperfusion as well as kainate-induced injury in rats. <i>Acta Histochemica</i> , <b>2014</b> , 116, 1062-7	2	11
14	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> , <b>2019</b> , 129, 104461	4.4	8
13	Blood as the carrier of ischemic tolerance in rat brain. <i>Journal of Neuroscience Research</i> , <b>2015</b> , 93, 1250-7.4	4.4	7
12	Scheme of Ischaemia-triggered Agents during Brain Infarct Evolution in a Rat Model of Permanent Focal Ischaemia. <i>Journal of Molecular Neuroscience</i> , <b>2015</b> , 57, 73-82	3.3	6
11	The Expression of CNS-Specific PPARGC1A Transcripts Is Regulated by Hypoxia and a Variable GT Repeat Polymorphism. <i>Molecular Neurobiology</i> , <b>2020</b> , 57, 752-764	6.2	6
10	Effect of Bradykinin Postconditioning on Ischemic and Toxic Brain Damage. <i>Neurochemical Research</i> , <b>2015</b> , 40, 1728-38	4.6	5
9	Blood cells serve as a source of factor-inducing rapid ischemic tolerance in brain. <i>European Journal of Neuroscience</i> , <b>2016</b> , 44, 2958-2965	3.5	5
8	Dissociation of eIF4E-binding protein 2 (4E-BP2) from eIF4E independent of Thr37/Thr46 phosphorylation in the ischemic stress response. <i>PLoS ONE</i> , <b>2015</b> , 10, e0121958	3.7	4
7	Brain-derived neurotrophic factor blood levels in two models of transient brain ischemia in rats. <i>General Physiology and Biophysics</i> , <b>2013</b> , 32, 139-42	2.1	4
6	Effects of one-day reperfusion after transient forebrain ischemia on circulatory system in the rat. <i>General Physiology and Biophysics</i> , <b>2010</b> , 29, 113-21	2.1	4

5	Delayed bradykinin postconditioning modulates intrinsic neuroprotective enzyme expression in the rat CA1 region after cerebral ischemia: a proteomic study. <i>Metabolic Brain Disease</i> , <b>2016</b> , 31, 1391-1403	3.9	4
4	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> , <b>2020</b> , 154, 99-111	6	3
3	Response of distant regions affected by diaschisis commissuralis in one of the most common models of transient focal ischemia in rats. <i>Journal of Chemical Neuroanatomy</i> , <b>2019</b> , 101, 101666	3.2	1
2	Brain to blood efflux as a mechanism underlying the neuroprotection mediated by rapid remote preconditioning in brain ischemia. <i>Molecular Biology Reports</i> , <b>2020</b> , 47, 5385-5395	2.8	1
1	Accelerated capacity of glutamate uptake via blood elements as a possible tool of rapid remote conditioning mediated tissue protection. <i>Neurochemistry International</i> , <b>2021</b> , 142, 104927	4.4	