# Petra Bonova

## List of Publications by Year in Descending Order



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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 | Accelerated capacity of glutamate uptake via blood elements as a possible tool of rapid remote conditioning mediated tissue protection. *Neurochemistry International*, **2021**, 142, 104927 | 4.4 | |
| 21 | Brain to blood efflux as a mechanism underlying the neuroprotection mediated by rapid remote preconditioning in brain ischemia. *Molecular Biology Reports*, **2020**, 47, 5385-5395 | 2.8 | 1 |
| 20 | Rapid remote conditioning mediates modulation of blood cell paracrine activity and leads to the production of a secretome with neuroprotective features. *Journal of Neurochemistry*, **2020**, 154, 99-111 | 6 | 3 |
| 19 | The Expression of CNS-Specific PPARGC1A Transcripts Is Regulated by Hypoxia and a Variable GT Repeat Polymorphism. *Molecular Neurobiology*, **2020**, 57, 752-764 | 6.2 | 6 |
| 18 | Response of distant regions affected by diaschisis commissuralis in one of the most common models of transient focal ischemia in rats. *Journal of Chemical Neuroanatomy*, **2019**, 101, 101666 | 3.2 | 1 |
| 17 | Neuroprotection mediated by remote preconditioning is associated with a decrease in systemic oxidative stress and changes in brain and blood glutamate concentration. *Neurochemistry International*, **2019**, 129, 104461 | 4.4 | 8 |
| 16 | Delayed bradykinin postconditioning modulates intrinsic neuroprotective enzyme expression in the rat CA1 region after cerebral ischemia: a proteomic study. *Metabolic Brain Disease*, **2016**, 31, 1391-1403 | 3.9 | 4 |
| 15 | Blood cells serve as a source of factor-inducing rapid ischemic tolerance in brain. *European Journal of Neuroscience*, **2016**, 44, 2958-2965 | 3.5 | 5 |
| 14 | Effect of Bradykinin Postconditioning on Ischemic and Toxic Brain Damage. *Neurochemical Research* , **2015**, 40, 1728-38 | 4.6 | 5 |
| 13 | Blood as the carrier of ischemic tolerance in rat brain. *Journal of Neuroscience Research*, **2015**, 93, 1250-7 | 4.4 | 7 |
| 12 | Dissociation of eIF4E-binding protein 2 (4E-BP2) from eIF4E independent of Thr37/Thr46 phosphorylation in the ischemic stress response. *PLoS ONE*, **2015**, 10, e0121958 | 3.7 | 4 |
| 11 | Scheme of Ischaemia-triggered Agents during Brain Infarct Evolution in a Rat Model of Permanent Focal Ischaemia. *Journal of Molecular Neuroscience*, **2015**, 57, 73-82 | 3.3 | 6 |
| 10 | Delayed remote ischemic postconditioning protects against transient cerebral ischemia/reperfusion as well as kainate-induced injury in rats. *Acta Histochemica*, **2014**, 116, 1062-7 | 2 | 11 |
| 9 | Bradykinin postconditioning ameliorates focal cerebral ischemia in the rat. *Neurochemistry International*, **2014**, 72, 22-9 | 4.4 | 17 |
| 8 | Development of a pattern in biochemical parameters in the core and penumbra during infarct evolution after transient MCAO in rats. *Neurochemistry International*, **2013**, 62, 8-14 | 4.4 | 20 |
| 7 | Delayed post-conditioning reduces post-ischemic glutamate level and improves protein synthesis in brain. *Neurochemistry International*, **2013**, 62, 854-60 | 4.4 | 21 |
| 6 | Brain-derived neurotrophic factor blood levels in two models of transient brain ischemia in rats. *General Physiology and Biophysics*, **2013**, 32, 139-42 | 2.1 | 4 |

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| 5 | Effects of one-day reperfusion after transient forebrain ischemia on circulatory system in the rat. *General Physiology and Biophysics*, **2010**, 29, 113-21 | 2.1 | 4 |
| 4 | Postconditioning and anticonditioning: possibilities to interfere to evoked apoptosis. *Cellular and Molecular Neurobiology*, **2009**, 29, 821-5 | 4.6 | 18 |
| 3 | Bradykinin postconditioning protects pyramidal CA1 neurons against delayed neuronal death in rat hippocampus. *Cellular and Molecular Neurobiology*, **2009**, 29, 871-8 | 4.6 | 46 |
| 2 | Transient forebrain ischemia impact on lymphocyte DNA damage, glutamic acid level, and SOD activity in blood. *Cellular and Molecular Neurobiology*, **2009**, 29, 887-94 | 4.6 | 19 |
| 1 | Chemokines as possible targets in modulation of the secondary damage after acute spinal cord injury: a review. *Cellular and Molecular Neurobiology*, **2009**, 29, 1025-35 | 4.6 | 28 |