

# Natasa Mitrovic

## List of Publications by Year in descending order

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20  
papers

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citations

933264

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#	ARTICLE	IF	CITATIONS
1	Developmental Increase in Ecto-5 $\alpha$ -Nucleotidase Activity Overlaps with Appearance of Two Immunologically Distinct Enzyme Isoforms in Rat Hippocampal Synaptic Plasma Membranes. <i>Journal of Molecular Neuroscience</i> , 2014, 54, 109-118.	1.1	28
2	Role of Ectonucleotidases in Synapse Formation During Brain Development: Physiological and Pathological Implications. <i>Current Neuropharmacology</i> , 2018, 17, 84-98.	1.4	23
3	Two Distinct Hippocampal Astrocyte Morphotypes Reveal Subfield-Different Fate during Neurodegeneration Induced by Trimethyltin Intoxication. <i>Neuroscience</i> , 2019, 423, 38-54.	1.1	14
4	Repeated low-dose 17 $\beta$ -estradiol treatment prevents activation of apoptotic signaling both in the synaptosomal and cellular fraction in rat prefrontal cortex following cerebral ischemia. <i>Neurochemistry International</i> , 2015, 83-84, 1-8.	1.9	13
5	Regional and sex-related differences in modulating effects of female sex steroids on ecto-5 $\alpha$ -nucleotidase expression in the rat cerebral cortex and hippocampus. <i>General and Comparative Endocrinology</i> , 2016, 235, 100-107.	0.8	13
6	Application of Gray Level Co-Occurrence Matrix Analysis as a New Method for Enzyme Histochemistry Quantification. <i>Microscopy and Microanalysis</i> , 2019, 25, 690-698.	0.2	12
7	17 $\beta$ -Estradiol-Induced Synaptic Rearrangements Are Accompanied by Altered Ectonucleotidase Activities in Male Rat Hippocampal Synaptosomes. <i>Journal of Molecular Neuroscience</i> , 2017, 61, 412-422.	1.1	11
8	Spatial Distribution and Expression of Ectonucleotidases in Rat Hippocampus After Removal of Ovaries and Estradiol Replacement. <i>Molecular Neurobiology</i> , 2019, 56, 1933-1945.	1.9	11
9	Microglial- and Astrocyte-Specific Expression of Purinergic Signaling Components and Inflammatory Mediators in the Rat Hippocampus During Trimethyltin-Induced Neurodegeneration. <i>ASN Neuro</i> , 2021, 13, 175909142110448.	1.5	11
10	Expression of ecto-nucleoside triphosphate diphosphohydrolase3 (NTPDase3) in the female rat brain during postnatal development. <i>Journal of Chemical Neuroanatomy</i> , 2016, 77, 10-18.	1.0	10
11	Repeated Estradiol Treatment Attenuates Chronic Cerebral Hypoperfusion-Induced Neurodegeneration in Rat Hippocampus. <i>Cellular and Molecular Neurobiology</i> , 2016, 36, 989-999.	1.7	10
12	Regional-specific effects of cerebral ischemia/reperfusion and dehydroepiandrosterone on synaptic NMDAR/PSD-95 complex in male Wistar rats. <i>Brain Research</i> , 2018, 1688, 73-80.	1.1	10
13	Upregulation of Nucleoside Triphosphate Diphosphohydrolase-1 and Ecto-5 $\alpha$ -Nucleotidase in Rat Hippocampus after Repeated Low-Dose Dexamethasone Administration. <i>Journal of Molecular Neuroscience</i> , 2015, 55, 959-967.	1.1	7
14	Progesterone Protects Prefrontal Cortex in Rat Model of Permanent Bilateral Common Carotid Occlusion via Progesterone Receptors and Akt/Erk/eNOS. <i>Cellular and Molecular Neurobiology</i> , 2020, 40, 829-843.	1.7	7
15	Estrogen receptors modulate ectonucleotidases activity in hippocampal synaptosomes of male rats. <i>Neuroscience Letters</i> , 2019, 712, 134474.	1.0	6
16	Estradiol induces synaptic rearrangements. <i>Vitamins and Hormones</i> , 2020, 114, 233-256.	0.7	5
17	Molecular Alterations and Effects of Acute Dehydroepiandrosterone Treatment Following Brief Bilateral Common Carotid Artery Occlusion: Relevance to Transient Ischemic Attack. <i>Neuroscience</i> , 2019, 410, 128-139.	1.1	4
18	Time-related sex differences in cerebral hypoperfusion-induced brain injury. <i>Archives of Biological Sciences</i> , 2014, 66, 1673-1680.	0.2	4

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19	Ectonucleotidases in the hippocampus: Spatial distribution and expression after ovariectomy and estradiol replacement. <i>Vitamins and Hormones</i> , 2022, 118, 199-221.	0.7	0
20	Enzyme histochemistry: a useful tool for examining the spatial distribution of brain ectonucleotidases in (patho)physiological conditions.. <i>Histology and Histopathology</i> , 2022, , 18471.	0.5	0