

# Danijela Savic

## List of Publications by Year in descending order

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48  
papers

774  
citations

516561

16  
h-index

552653

26  
g-index

48  
all docs

48  
docs citations

48  
times ranked

1046  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiple Sclerosis and Neuroinflammation: The Overview of Current and Prospective Therapies. <i>Current Pharmaceutical Design</i> , 2017, 23, 693-730.	0.9	91
2	Benfotiamine Attenuates Inflammatory Response in LPS Stimulated BV-2 Microglia. <i>PLoS ONE</i> , 2015, 10, e0118372.	1.1	72
3	Up-regulation of ectonucleotidase activity after cortical stab injury in rats. <i>Cell Biology International</i> , 2006, 30, 541-546.	1.4	61
4	Expression profiles of cholesterol metabolism-related genes are altered during development of experimental autoimmune encephalomyelitis in the rat spinal cord. <i>Scientific Reports</i> , 2017, 7, 2702.	1.6	38
5	Expression of a Second Ecto-5â€²-Nucleotidase Variant Besides the Usual Protein in Symptomatic Phase of Experimental Autoimmune Encephalomyelitis. <i>Journal of Molecular Neuroscience</i> , 2015, 55, 898-911.	1.1	36
6	Dynamic changes in the expression pattern of ecto-5â€²-nucleotidase in the rat model of cortical stab injury. <i>Journal of Neuroscience Research</i> , 2011, 89, 862-873.	1.3	33
7	The Effect of Ribavirin on Reactive Astrogliosis in Experimental Autoimmune Encephalomyelitis. <i>Journal of Pharmacological Sciences</i> , 2012, 119, 221-232.	1.1	28
8	Down-regulation of NTPDase2 and ADP-sensitive P2 Purinoceptors Correlate with Severity of Symptoms during Experimental Autoimmune Encephalomyelitis. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 333.	1.8	26
9	Immunohistological Determination of Ecto-nucleoside Triphosphate Diphosphohydrolase1 (NTPDase1) and 5â€²-nucleotidase in Rat Hippocampus Reveals Overlapping Distribution. <i>Cellular and Molecular Neurobiology</i> , 2007, 27, 731-743.	1.7	25
10	Repetitive Hyperbaric Oxygenation Attenuates Reactive Astrogliosis and Suppresses Expression of Inflammatory Mediators in the Rat Model of Brain Injury. <i>Mediators of Inflammation</i> , 2015, 2015, 1-17.	1.4	25
11	Ribavirin ameliorates experimental autoimmune encephalomyelitis in rats and modulates cytokine production. <i>International Immunopharmacology</i> , 2008, 8, 1282-1290.	1.7	24
12	Benfotiamine upregulates antioxidative system in activated BV-2 microglia cells. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 351.	1.8	24
13	Hippocampal antioxidative system in mesial temporal lobe epilepsy. <i>Epilepsia</i> , 2015, 56, 789-799.	2.6	24
14	Hyperbaric oxygenation improves locomotor ability by enhancing neuroplastic responses after cortical ablation in rats. <i>Brain Injury</i> , 2012, 26, 1273-1284.	0.6	21
15	Fluctuating vs. Continuous Exposure to H2O2: The Effects on Mitochondrial Membrane Potential, Intracellular Calcium, and NF-Î²B in Astroglia. <i>PLoS ONE</i> , 2013, 8, e76383.	1.1	21
16	Early Temporal Changes in Ecto-Nucleotidase Activity after Cortical Stab Injury in Rat. <i>Neurochemical Research</i> , 2008, 33, 873-879.	1.6	19
17	Induction of NTPDase1/CD39 by Reactive Microglia and Macrophages Is Associated With the Functional State During EAE. <i>Frontiers in Neuroscience</i> , 2019, 13, 410.	1.4	19
18	Voltage Gated Potassium Channel Kv1.3 Is Upregulated on Activated Astrocytes in Experimental Autoimmune Encephalomyelitis. <i>Neurochemical Research</i> , 2018, 43, 1020-1034.	1.6	18

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19	Hyperbaric oxygenation alters temporal expression pattern of superoxide dismutase 2 after cortical stab injury in rats. <i>Croatian Medical Journal</i> , 2012, 53, 586-597.	0.2	14
20	Downregulation of Glial Scarring after Brain Injury: The Effect of Purine Nucleoside Analogue Ribavirin. <i>Annals of the New York Academy of Sciences</i> , 2005, 1048, 296-310.	1.8	13
21	The cortical stab injury induces beading of fibers expressing ecto-nucleoside triphosphate diphosphohydrolase 3. <i>Neuroscience</i> , 2010, 170, 107-116.	1.1	13
22	Central nervous systemâ€infiltrated immune cells induce calcium increase in astrocytes via astroglial purinergic signaling. <i>Journal of Neuroscience Research</i> , 2020, 98, 2317-2332.	1.3	13
23	The Function of the Hypothalamicâ€Pituitaryâ€Adrenal Axis During Experimental Autoimmune Encephalomyelitis: Involvement of Oxidative Stress Mediators. <i>Frontiers in Neuroscience</i> , 2021, 15, 649485.	1.4	12
24	Immunolocalization of ecto-nucleotide pyrophosphatase/phosphodiesterase 1 (NPP1) in the rat forebrain. <i>Brain Research</i> , 2006, 1120, 54-63.	1.1	11
25	Metals and electrolytes in sclerotic hippocampi in patients with drugâ€resistant mesial temporal lobe epilepsy. <i>Epilepsia</i> , 2014, 55, e34-e37.	2.6	10
26	Agmatine Mitigates Inflammation-Related Oxidative Stress in BV-2 Cells by Inducing a Pre-Adaptive Response. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3561.	1.8	9
27	Therapeutic effects of combined treatment with ribavirin and tiazofurin on experimental autoimmune encephalomyelitis development: Clinical and histopathological evaluation. <i>Journal of the Neurological Sciences</i> , 2008, 267, 76-85.	0.3	8
28	Ribavirin shows immunomodulatory effects on activated microglia. <i>Immunopharmacology and Immunotoxicology</i> , 2014, 36, 433-441.	1.1	7
29	Astrocyte phenotypes: Emphasis on potential markers in neuroinflammation. <i>Histology and Histopathology</i> , 2021, 36, 267-290.	0.5	7
30	The Potassium Channel Kv1.5 Expression Alters During Experimental Autoimmune Encephalomyelitis. <i>Neurochemical Research</i> , 2019, 44, 2733-2745.	1.6	6
31	The sex-specific patterns of changes in hypothalamic-pituitary-gonadal axis during experimental autoimmune encephalomyelitis. <i>Brain, Behavior, and Immunity</i> , 2020, 89, 233-244.	2.0	6
32	Cortical ablation induces timeâ€dependent changes in rat pituitary somatotrophs and upregulates growth hormone receptor expression in the injured cortex. <i>Journal of Neuroscience Research</i> , 2014, 92, 1338-1349.	1.3	5
33	Testicular steroidogenesis is suppressed during experimental autoimmune encephalomyelitis in rats. <i>Scientific Reports</i> , 2021, 11, 8996.	1.6	5
34	Low-Dose Ribavirin Treatments Attenuate Neuroinflammatory Activation of BV-2 Cells by Interfering with Inducible Nitric Oxide Synthase. <i>Analytical Cellular Pathology</i> , 2015, 2015, 1-8.	0.7	4
35	Cell Death Parameters as Revealed by Whole-Cell Patch-Clamp and Interval Weighted Spectra Averaging: Changes in Membrane Properties and Current Frequency of Cultured Mouse Microglial Cells Induced by Glutaraldehyde. <i>Journal of Membrane Biology</i> , 2015, 248, 117-123.	1.0	4
36	Metal maps of sclerotic hippocampi of patients with mesial temporal lobe epilepsy. <i>Metallomics</i> , 2017, 9, 141-148.	1.0	4

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37	Combination of Nucleoside Analogues Tiazofurin and Ribavirin Downregulates Experimental Autoimmune Encephalomyelitis. <i>Annals of the New York Academy of Sciences</i> , 2005, 1048, 392-395.	1.8	3
38	Purine nucleoside analogs in the therapy of cancer and neuroinflammation. <i>Molecular Inhibitors in Targeted Therapy</i> , 2015, 1, .	0.0	3
39	Regional distribution of cytochrome c oxidase activity and copper in sclerotic hippocampi of epilepsy patients. <i>Brain and Behavior</i> , 2021, 11, e01986.	1.0	3
40	Combined treatment with ribavirin and tiazofurin attenuates response of glial cells in experimental autoimmune encephalomyelitis. <i>Archives of Biological Sciences</i> , 2012, 64, 843-850.	0.2	2
41	Tiazofurin modulates lipopolysaccharide-activated microglia in vitro. <i>Archives of Biological Sciences</i> , 2014, 66, 1633-1640.	0.2	2
42	Real-Time PCR and Immunocytochemical Study of Chondroitin Sulfate Proteoglycans after Scratch Wounding in Cultured Astrocytes / PCR I IMUNOCITOHEMIJSKA STUDIJA EKSPRESIJE HONDROITIN-SULFATNIH PRÓTEOGLIKANA NAKON POVREDE ASTROCITA U KULTURI. <i>Journal of Medical Biochemistry</i> , 2013, 32, 398-405.	0.7	1
43	Effect of stab injury in the rat cerebral cortex on temporal pattern of expression of neuronal cytoskeletal proteins: An immunohistochemical study. <i>Acta Histochemica</i> , 2015, 117, 155-162.	0.9	1
44	Ferrous iron binding to epinephrine promotes the oxidation of iron and impedes activation of adrenergic receptors. <i>Free Radical Biology and Medicine</i> , 2020, 148, 123-127.	1.3	1
45	Brain cortical injury induces changes in peripheral lymphocyte ectonucleotidase activities. <i>Archives of Biological Sciences</i> , 2013, 65, 33-42.	0.2	1
46	Expression of major ectonucleotidases after cortical stab brain injury in rats: A real-time PCR study. <i>Archives of Biological Sciences</i> , 2014, 66, 149-155.	0.2	1
47	Pattern of chondroitin sulfate proteoglycan expression after ablation of the sensorimotor cortex of the neonatal and adult rat brain. <i>Archives of Biological Sciences</i> , 2008, 60, 581-591.	0.2	0
48	Ribavirin Against Viral, Neoplastic and Inflammatory Diseases: Focus on Mechanisms of Action. <i>Frontiers in Medicinal Chemistry</i> , 2018, , 113-175.	0.2	0