

Danijela Savic

List of Publications by Year in descending order

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48
papers

774
citations

516561

16
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26
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all docs

48
docs citations

48
times ranked

1046
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Testicular steroidogenesis is suppressed during experimental autoimmune encephalomyelitis in rats. <i>Scientific Reports</i> , 2021, 11, 8996.	1.6	5
4	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
5	Astrocyte phenotypes: Emphasis on potential markers in neuroinflammation. <i>Histology and Histopathology</i> , 2021, 36, 267-290.	0.5	7
6	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
7	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
8	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
9	The Potassium Channel Kv1.5 Expression Alters During Experimental Autoimmune Encephalomyelitis. <i>Neurochemical Research</i> , 2019, 44, 2733-2745.	1.6	6
10	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
11	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
12	Ribavirin Against Viral, Neoplastic and Inflammatory Diseases: Focus on Mechanisms of Action. <i>Frontiers in Medicinal Chemistry</i> , 2018, , 113-175.	0.2	0
13	Metal maps of sclerotic hippocampi of patients with mesial temporal lobe epilepsy. <i>Metallomics</i> , 2017, 9, 141-148.	1.0	4
14	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
15	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
16	Multiple Sclerosis and Neuroinflammation: The Overview of Current and Prospective Therapies. <i>Current Pharmaceutical Design</i> , 2017, 23, 693-730.	0.9	91
17	Purine nucleoside analogs in the therapy of cancer and neuroinflammation. <i>Molecular Inhibitors in Targeted Therapy</i> , 2015, 1, .	0.0	3
18	Benfotiamine upregulates antioxidative system in activated BV-2 microglia cells. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 351.	1.8	24

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19	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
20	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
21	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
22	Expression of a Second Ecto-5'-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
23	Hippocampal antioxidative system in mesial temporal lobe epilepsy. <i>Epilepsia</i> , 2015, 56, 789-799.	2.6	24
24	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
25	Benfotiamine Attenuates Inflammatory Response in LPS Stimulated BV-2 Microglia. <i>PLoS ONE</i> , 2015, 10, e0118372.	1.1	72
26	Metals and electrolytes in sclerotic hippocampi in patients with drug-resistant mesial temporal lobe epilepsy. <i>Epilepsia</i> , 2014, 55, e34-e37.	2.6	10
27	Cortical ablation induces time-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
28	Ribavirin shows immunomodulatory effects on activated microglia. <i>Immunopharmacology and Immunotoxicology</i> , 2014, 36, 433-441.	1.1	7
29	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
30	Tiazofurin modulates lipopolysaccharide-activated microglia in vitro. <i>Archives of Biological Sciences</i> , 2014, 66, 1633-1640.	0.2	2
31	Real-Time PCR and Immunocytochemical Study of Chondroitin Sulfate Proteoglycans after Scratch Wounding in Cultured Astrocytes / PCR I IMUNOCITOHEMIJSKA STUDIJA EKSPRESIJE HONDROITIN-SULFATNIH PROTEOGLIKANA NAKON POVREDE ASTROCITA U KULTURI. <i>Journal of Medical Biochemistry</i> , 2013, 32, 398-405.	0.7	1
32	Fluctuating vs. Continuous Exposure to H ₂ O ₂ : The Effects on Mitochondrial Membrane Potential, Intracellular Calcium, and NF- κ B in Astroglia. <i>PLoS ONE</i> , 2013, 8, e76383.	1.1	21
33	Brain cortical injury induces changes in peripheral lymphocyte ectonucleotidase activities. <i>Archives of Biological Sciences</i> , 2013, 65, 33-42.	0.2	1
34	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
35	The Effect of Ribavirin on Reactive Astrogliosis in Experimental Autoimmune Encephalomyelitis. <i>Journal of Pharmacological Sciences</i> , 2012, 119, 221-232.	1.1	28
36	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

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37	Combined treatment with ribavirin and tiazofurin attenuates response of glial cells in experimental autoimmune encephalomyelitis. Archives of Biological Sciences, 2012, 64, 843-850.	0.2	2
38	Dynamic changes in the expression pattern of ecto-5â€²-nucleotidase in the rat model of cortical stab injury. Journal of Neuroscience Research, 2011, 89, 862-873.	1.3	33
39	The cortical stab injury induces beading of fibers expressing ecto-nucleoside triphosphate diphosphohydrolase 3. Neuroscience, 2010, 170, 107-116.	1.1	13
40	Early Temporal Changes in Ecto-Nucleotidase Activity after Cortical Stab Injury in Rat. Neurochemical Research, 2008, 33, 873-879.	1.6	19
41	Therapeutic effects of combined treatment with ribavirin and tiazofurin on experimental autoimmune encephalomyelitis development: Clinical and histopathological evaluation. Journal of the Neurological Sciences, 2008, 267, 76-85.	0.3	8
42	Ribavirin ameliorates experimental autoimmune encephalomyelitis in rats and modulates cytokine production. International Immunopharmacology, 2008, 8, 1282-1290.	1.7	24
43	Pattern of chondroitin sulfate proteoglycan expression after ablation of the sensorimotor cortex of the neonatal and adult rat brain. Archives of Biological Sciences, 2008, 60, 581-591.	0.2	0
44	Immunohistological Determination of Ecto-nucleoside Triphosphate Diphosphohydrolase1 (NTPDase1) and 5â€²-nucleotidase in Rat Hippocampus Reveals Overlapping Distribution. Cellular and Molecular Neurobiology, 2007, 27, 731-743.	1.7	25
45	Up-regulation of ectonucleotidase activity after cortical stab injury in rats. Cell Biology International, 2006, 30, 541-546.	1.4	61
46	Immunolocalization of ecto-nucleotide pyrophosphatase/phosphodiesterase 1 (NPP1) in the rat forebrain. Brain Research, 2006, 1120, 54-63.	1.1	11
47	Downregulation of Glial Scarring after Brain Injury: The Effect of Purine Nucleoside Analogue Ribavirin. Annals of the New York Academy of Sciences, 2005, 1048, 296-310.	1.8	13
48	Combination of Nucleoside Analogues Tiazofurin and Ribavirin Downregulates Experimental Autoimmune Encephalomyelitis. Annals of the New York Academy of Sciences, 2005, 1048, 392-395.	1.8	3