

Ivana Bjelobaba

List of Publications by Year in descending order

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67
papers

1,710
citations

279701

23
h-index

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docs citations

67
times ranked

2467
citing authors

#	ARTICLE	IF	CITATIONS
1	Gigantism and Acromegaly Due to Xq26 Microduplications and <i>GPR101</i> Mutation. <i>New England Journal of Medicine</i> , 2014, 371, 2363-2374.	13.9	292
2	Animal models of multiple sclerosis: Focus on experimental autoimmune encephalomyelitis. <i>Journal of Neuroscience Research</i> , 2018, 96, 1021-1042.	1.3	124
3	Multiple Sclerosis and Neuroinflammation: The Overview of Current and Prospective Therapies. <i>Current Pharmaceutical Design</i> , 2017, 23, 693-730.	0.9	91
4	Benfotiamine Attenuates Inflammatory Response in LPS Stimulated BV-2 Microglia. <i>PLoS ONE</i> , 2015, 10, e0118372.	1.1	72
5	Up-regulation of ectonucleotidase activity after cortical stab injury in rats. <i>Cell Biology International</i> , 2006, 30, 541-546.	1.4	61
6	Expression and Roles of Pannexins in ATP Release in the Pituitary Gland. <i>Endocrinology</i> , 2011, 152, 2342-2352.	1.4	54
7	Chronic isolation stress predisposes the frontal cortex but not the hippocampus to the potentially detrimental release of cytochrome c from mitochondria and the activation of caspase-3. <i>Journal of Neuroscience Research</i> , 2011, 89, 1461-1470.	1.3	52
8	Regulation of ecto-5'-nucleotidase (CD73) in cultured cortical astrocytes by different inflammatory factors. <i>Neurochemistry International</i> , 2012, 61, 681-688.	1.9	43
9	Ion Channels of Pituitary Gonadotrophs and Their Roles in Signaling and Secretion. <i>Frontiers in Endocrinology</i> , 2017, 8, 126.	1.5	41
10	Time-course changes in ectonucleotidase activities during experimental autoimmune encephalomyelitis. <i>Neurochemistry International</i> , 2009, 55, 193-198.	1.9	36
11	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
12	Characterization of GPR101 transcript structure and expression patterns. <i>Journal of Molecular Endocrinology</i> , 2016, 57, 97-111.	1.1	34
13	Dynamic changes in the expression pattern of ecto-5'-nucleotidase in the rat model of cortical stab injury. <i>Journal of Neuroscience Research</i> , 2011, 89, 862-873.	1.3	33
14	Schwann-Cell-Specific Deletion of Phosphatidylinositol 4-Kinase Alpha Causes Aberrant Myelination. <i>Cell Reports</i> , 2018, 23, 2881-2890.	2.9	33
15	Extracellular ATP Selectively Upregulates Ecto-Nucleoside Triphosphate Diphosphohydrolase 2 and Ecto-5'-Nucleotidase by Rat Cortical Astrocytes In Vitro. <i>Journal of Molecular Neuroscience</i> , 2015, 57, 452-462.	1.1	32
16	Screening for GPR101 defects in pediatric pituitary corticotropinomas. <i>Endocrine-Related Cancer</i> , 2016, 23, 357-365.	1.6	30
17	The Effect of Ribavirin on Reactive Astrogliosis in Experimental Autoimmune Encephalomyelitis. <i>Journal of Pharmacological Sciences</i> , 2012, 119, 221-232.	1.1	28
18	Developmental Increase in Ecto-5'-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

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19	Ontogenetic profile of ecto-5'-nucleotidase in rat brain synaptic plasma membranes. <i>International Journal of Developmental Neuroscience</i> , 2011, 29, 397-403.	0.7	27
20	Cell Type-Specific Sexual Dimorphism in Rat Pituitary Gene Expression During Maturation. <i>Biology of Reproduction</i> , 2015, 93, 21.	1.2	26
21	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
22	Immunohistological Determination of Ecto-nucleoside Triphosphate Diphosphohydrolase1 (NTPDase1) and 5'-nucleotidase in Rat Hippocampus Reveals Overlapping Distribution. <i>Cellular and Molecular Neurobiology</i> , 2007, 27, 731-743.	1.7	25
23	Ribavirin ameliorates experimental autoimmune encephalomyelitis in rats and modulates cytokine production. <i>International Immunopharmacology</i> , 2008, 8, 1282-1290.	1.7	24
24	Multiple Cholinergic Signaling Pathways in Pituitary Gonadotrophs. <i>Endocrinology</i> , 2013, 154, 421-433.	1.4	24
25	Extracellular ATP induces graded reactive response of astrocytes and strengthens their antioxidative defense in vitro. <i>Journal of Neuroscience Research</i> , 2017, 95, 1053-1066.	1.3	24
26	Molecular, pharmacological and functional properties of GABA _A receptors in anterior pituitary cells. <i>Journal of Physiology</i> , 2008, 586, 3097-3111.	1.3	21
27	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
28	Loss of Basal and TRH-Stimulated Tshb Expression in Dispersed Pituitary Cells. <i>Endocrinology</i> , 2015, 156, 242-254.	1.4	21
29	Early Temporal Changes in Ecto-Nucleotidase Activity after Cortical Stab Injury in Rat. <i>Neurochemical Research</i> , 2008, 33, 873-879.	1.6	19
30	Purinergic signaling pathways in endocrine system. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2015, 191, 102-116.	1.4	19
31	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
32	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
33	Interactions of Pannexin1 channels with purinergic and NMDA receptor channels. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2018, 1860, 166-173.	1.4	18
34	Female-Specific Induction of Rat Pituitary Dentin Matrix Protein-1 by GnRH. <i>Molecular Endocrinology</i> , 2013, 27, 1840-1855.	3.7	17
35	Intrinsic and Regulated Gonadotropin-Releasing Hormone Receptor Gene Transcription in Mammalian Pituitary Gonadotrophs. <i>Frontiers in Endocrinology</i> , 2017, 8, 221.	1.5	17
36	Brain Injury Alters Ectonucleotidase Activities and Adenine Nucleotide Levels in Rat Serum / Povreda Mozga Menja Ektonukleotidazne Aktivnosti I Nivo Adeninskih Nukleotida U Serumu Pacova. <i>Journal of Medical Biochemistry</i> , 2015, 34, 215-222.	0.7	16

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37	Divergent expression patterns of pituitary gonadotropin subunit and GnRH receptor genes to continuous GnRH in vitro and in vivo. <i>Scientific Reports</i> , 2019, 9, 20098.	1.6	16
38	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
39	The cortical stab injury induces beading of fibers expressing ecto-nucleoside triphosphate diphosphohydrolase 3. <i>Neuroscience</i> , 2010, 170, 107-116.	1.1	13
40	Expression of Ecto-Nucleoside Triphosphate Diphosphohydrolase1-3 (NTPDase1-3) by Cortical Astrocytes After Exposure to Pro-inflammatory Factors In Vitro. <i>Journal of Molecular Neuroscience</i> , 2013, 51, 871-879.	1.1	12
41	The Function of the Hypothalamic-Pituitary-Adrenal Axis During Experimental Autoimmune Encephalomyelitis: Involvement of Oxidative Stress Mediators. <i>Frontiers in Neuroscience</i> , 2021, 15, 649485.	1.4	12
42	Immunolocalization of ecto-nucleotide pyrophosphatase/phosphodiesterase 1 (NPP1) in the rat forebrain. <i>Brain Research</i> , 2006, 1120, 54-63.	1.1	11
43	Biochemical characterization of soluble nucleotide pyrophosphatase/phosphodiesterase activity in rat serum. <i>Molecular and Cellular Biochemistry</i> , 2010, 339, 99-106.	1.4	11
44	The relationship between basal and regulated Gnhr expression in rodent pituitary gonadotrophs. <i>Molecular and Cellular Endocrinology</i> , 2016, 437, 302-311.	1.6	11
45	Short-term fasting promotes insulin expression in rat hypothalamus. <i>European Journal of Neuroscience</i> , 2017, 46, 1730-1737.	1.2	11
46	The Role of Cyclic Nucleotides in Pituitary Lactotroph Functions. <i>Frontiers in Endocrinology</i> , 2013, 4, 122.	1.5	10
47	Paliperidone and aripiprazole differentially affect the strength of calcium-secretion coupling in female pituitary lactotrophs. <i>Scientific Reports</i> , 2015, 5, 8902.	1.6	10
48	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
49	Editorial: Gonadotropin-Releasing Hormone Receptor Signaling and Functions. <i>Frontiers in Endocrinology</i> , 2018, 9, 143.	1.5	10
50	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
51	Ribavirin shows immunomodulatory effects on activated microglia. <i>Immunopharmacology and Immunotoxicology</i> , 2014, 36, 433-441.	1.1	7
52	Sensorimotor cortex ablation induces time-dependent response of ACTH cells in adult rats: Behavioral, immunohistomorphometric and hormonal study. <i>Physiology and Behavior</i> , 2014, 125, 30-37.	1.0	6
53	The Potassium Channel Kv1.5 Expression Alters During Experimental Autoimmune Encephalomyelitis. <i>Neurochemical Research</i> , 2019, 44, 2733-2745.	1.6	6
54	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

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55	Distinct Expression Patterns of Osteopontin and Dentin Matrix Protein 1 Genes in Pituitary Gonadotrophs. <i>Frontiers in Endocrinology</i> , 2019, 10, 248.	1.5	5
56	Testicular steroidogenesis is suppressed during experimental autoimmune encephalomyelitis in rats. <i>Scientific Reports</i> , 2021, 11, 8996.	1.6	5
57	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
58	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
59	High volume microinfusion suppresses local astrocyte response within nucleus basalis of rat. <i>Archives Italiennes De Biologie</i> , 2013, 151, 24-32.	0.1	2
60	Tiazofurin modulates lipopolysaccharide-activated microglia in vitro. <i>Archives of Biological Sciences</i> , 2014, 66, 1633-1640.	0.2	2
61	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
62	Brain cortical injury induces changes in peripheral lymphocyte ectonucleotidase activities. <i>Archives of Biological Sciences</i> , 2013, 65, 33-42.	0.2	1
63	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
64	Therapeutic effect of nucleoside analogs on experimental autoimmune encephalomyelitis in dark agouti rats. <i>Archives of Biological Sciences</i> , 2006, 58, 13-20.	0.2	1
65	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
66	Ribavirin Against Viral, Neoplastic and Inflammatory Diseases: Focus on Mechanisms of Action. <i>Frontiers in Medicinal Chemistry</i> , 2018, , 113-175.	0.2	0
67	Neurological impairments in COVID-19 pandemic. <i>Hrana I Ishrana</i> , 2020, 61, 71-77.	0.2	0