

MiklÃ³s Antal

List of Publications by Year in descending order

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48
papers

1,340
citations

257450

24
h-index

361022

35
g-index

50
all docs

50
docs citations

50
times ranked

1849
citing authors

#	ARTICLE	IF	CITATIONS
1	Calcium-binding proteins, parvalbumin and calbindin-D 28k-immunoreactive neurons in the rat spinal cord and dorsal root ganglia: A light and electron microscopic study. <i>Journal of Comparative Neurology</i> , 1990, 295, 467-484.	1.6	140
2	Cardioprotective mechanisms of <i>Prunus cerasus</i> (sour cherry) seed extract against ischemia-reperfusion-induced damage in isolated rat hearts. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2006, 291, H1329-H1336.	3.2	68
3	Numbers, Densities, and Colocalization of AMPA- and NMDA-Type Glutamate Receptors at Individual Synapses in the Superficial Spinal Dorsal Horn of Rats. <i>Journal of Neuroscience</i> , 2008, 28, 9692-9701.	3.6	64
4	Zinc co-localizes with GABA and glycine in synapses in the lamprey spinal cord. <i>Journal of Comparative Neurology</i> , 2001, 433, 208-221.	1.6	62
5	Localization of last-order premotor interneurons in the lumbar spinal cord of rats. <i>Journal of Comparative Neurology</i> , 1997, 389, 377-389.	1.6	49
6	Propriospinal afferent and efferent connections of the lateral and medial areas of the dorsal horn (laminae IV) in the rat lumbar spinal cord. , 2000, 422, 312-325.		48
7	Developmental expression of glycine immunoreactivity and its colocalization with gaba in the embryonic chick lumbosacral spinal cord. <i>Journal of Comparative Neurology</i> , 1995, 362, 583-596.	1.6	47
8	Neuronal and glial localization of the cannabinoid-1 receptor in the superficial spinal dorsal horn of the rodent spinal cord. <i>European Journal of Neuroscience</i> , 2009, 30, 251-262.	2.6	47
9	The projections of the midbrain periaqueductal grey to the pons and medulla oblongata in rats. <i>European Journal of Neuroscience</i> , 2001, 14, 1275-1286.	2.6	44
10	CB1 receptor activation induces intracellular Ca ²⁺ mobilization and 2-arachidonoylglycerol release in rodent spinal cord astrocytes. <i>Scientific Reports</i> , 2018, 8, 10562.	3.3	42
11	PARP10 (ARTD10) modulates mitochondrial function. <i>PLoS ONE</i> , 2018, 13, e0187789.	2.5	40
12	Glycogen phosphorylase inhibition improves beta cell function. <i>British Journal of Pharmacology</i> , 2018, 175, 301-319.	5.4	39
13	Protective Effect of Alpha-Melanocyte-Stimulating Hormone (α-MSH) on the Recovery of Ischemia/Reperfusion (I/R)-Induced Retinal Damage in A Rat Model. <i>Journal of Molecular Neuroscience</i> , 2013, 50, 558-570.	2.3	36
14	PARP1 Inhibition Augments UVB-Mediated Mitochondrial Changes—Implications for UV-Induced DNA Repair and Photocarcinogenesis. <i>Cancers</i> , 2020, 12, 5.	3.7	36
15	Expression of hyperpolarization-activated and cyclic nucleotide-gated cation channel subunit 2 in axon terminals of peptidergic nociceptive primary sensory neurons in the superficial spinal dorsal horn of rats. <i>European Journal of Neuroscience</i> , 2004, 19, 1336-1342.	2.6	35
16	Commissural propriospinal connections between the lateral aspects of laminae III-IV in the lumbar spinal cord of rats. <i>Journal of Comparative Neurology</i> , 2004, 480, 364-377.	1.6	34
17	Plasticity of hyperpolarization-activated and cyclic nucleotide-gated cation channel subunit-2 expression in the spinal dorsal horn in inflammatory pain. <i>European Journal of Neuroscience</i> , 2010, 32, 1193-1201.	2.6	34
18	Arginine Methyltransferase PRMT8 Provides Cellular Stress Tolerance in Aging Motoneurons. <i>Journal of Neuroscience</i> , 2018, 38, 7683-7700.	3.6	31

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19	Mitophagy in the Retinal Pigment Epithelium of Dry Age-Related Macular Degeneration Investigated in the NFE2L2/PGC-1 β -/- Mouse Model. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1976.	4.1	31
20	Development changes in the distribution of gamma-aminobutyric acid-immunoreactive neurons in the embryonic chick lumbosacral spinal cord. <i>Journal of Comparative Neurology</i> , 1994, 343, 228-236.	1.6	30
21	Factor XIII of Blood Coagulation as a Nuclear Crosslinking Enzyme. <i>Thrombosis and Haemostasis</i> , 2001, 85, 845-851.	3.4	30
22	SOCE Is Important for Maintaining Sarcoplasmic Calcium Content and Release in Skeletal Muscle Fibers. <i>Biophysical Journal</i> , 2017, 113, 2496-2507.	0.5	30
23	Immunohistochemical localisation of two phosphatidylinositol 4-kinase isoforms, PI4K230 and PI4K92, in the central nervous system of rats. <i>Experimental Brain Research</i> , 2000, 134, 279-288.	1.5	28
24	Postischemic cardiac recovery in heme oxygenase-1 transgenic ischemic/reperfused mouse myocardium. <i>Journal of Cellular and Molecular Medicine</i> , 2011, 15, 1973-1982.	3.6	28
25	Interleukin-1 receptor type 1 is overexpressed in neurons but not in glial cells within the rat superficial spinal dorsal horn in complete Freund adjuvant-induced inflammatory pain. <i>Journal of Neuroinflammation</i> , 2017, 14, 125.	7.2	27
26	The Ratio of 2-AG to Its Isomer 1-AG as an Intrinsic Fine Tuning Mechanism of CB1 Receptor Activation. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 39.	3.7	24
27	Exposure to inhomogeneous static magnetic field ceases mechanical allodynia in neuropathic pain in mice. <i>Bioelectromagnetics</i> , 2009, 30, 438-445.	1.6	23
28	Differential distribution of diacylglycerol lipase α and <i>N</i> -acylphosphatidylethanolamine-specific phospholipase d immunoreactivity in the superficial spinal dorsal horn of rats. <i>Glia</i> , 2012, 60, 1316-1329.	4.9	23
29	Endocannabinoid signaling modulates neurons of the pedunculopontine nucleus (PPN) via astrocytes. <i>Brain Structure and Function</i> , 2015, 220, 3023-3041.	2.3	17
30	Development of Calbindin $\text{D}28\text{k}$ Immunoreactive Neurons in the Embryonic Chick Lumbosacral Spinal Cord. <i>European Journal of Neuroscience</i> , 1993, 5, 782-794.	2.6	16
31	Olaparib induces browning of in vitro cultures of human primary white adipocytes. <i>Biochemical Pharmacology</i> , 2019, 167, 76-85.	4.4	16
32	Loss of transglutaminase 2 sensitizes for diet-induced obesity-related inflammation and insulin resistance due to enhanced macrophage c-Src signaling. <i>Cell Death and Disease</i> , 2019, 10, 439.	6.3	16
33	Activation mechanism dependent surface exposure of cellular factor XIII on activated platelets and platelet microparticles. <i>Journal of Thrombosis and Haemostasis</i> , 2022, 20, 1223-1235.	3.8	14
34	Morphological and neurochemical characterization of glycinergic neurons in laminae IV of the mouse spinal dorsal horn. <i>Journal of Comparative Neurology</i> , 2022, 530, 607-626.	1.6	13
35	Silencing of PARP2 Blocks Autophagic Degradation. <i>Cells</i> , 2020, 9, 380.	4.1	12
36	Differential expression patterns of K ⁺ /Cl ⁻ cotransporter 2 in neurons within the superficial spinal dorsal horn of rats. <i>Journal of Comparative Neurology</i> , 2015, 523, 1967-1983.	1.6	10

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37	Propriospinal pathways in the dorsal horn (laminae I–IV) of the rat lumbar spinal cord. <i>Brain Research Bulletin</i> , 2012, 89, 41-49.	3.0	9
38	Development of putative inhibitory neurons in the embryonic and postnatal mouse superficial spinal dorsal horn. <i>Brain Structure and Function</i> , 2017, 222, 2157-2171.	2.3	8
39	Rare earth element sequestration by <i>Aspergillus oryzae</i> biomass. <i>Environmental Technology (United Kingdom)</i> , 2021, 42, 3725-3735.	2.2	7
40	Selective axonal and glial distribution of monoacylglycerol lipase immunoreactivity in the superficial spinal dorsal horn of rodents. <i>Brain Structure and Function</i> , 2015, 220, 2625-2637.	2.3	6
41	Silencing of Poly(ADP-Ribose) Polymerase-2 Induces Mitochondrial Reactive Species Production and Mitochondrial Fragmentation. <i>Cells</i> , 2021, 10, 1387.	4.1	6
42	Combination of cobalt labelling with immunocytochemical reactions for electron microscopic investigations on frog spinal cord. <i>Microscopy Research and Technique</i> , 1994, 28, 60-66.	2.2	5
43	Development, neurochemical properties, and axonal projections of a population of last-order premotor interneurons in the white matter of the chick lumbosacral spinal cord. , 2000, 286, 157-172.		5
44	Distinct and overlapping effects of β 2-glycoprotein I conformational variants in ligand interactions and functional assays. <i>Journal of Immunological Methods</i> , 2020, 487, 112877.	1.4	4
45	Differential expression of Na ⁺ /K ⁺ /Cl ⁻ cotransporter 1 in neurons and glial cells within the superficial spinal dorsal horn of rodents. <i>Scientific Reports</i> , 2020, 10, 11715.	3.3	3
46	Tissue Transglutaminase Knock-Out Preadipocytes and Beige Cells of Epididymal Fat Origin Possess Decreased Mitochondrial Functions Required for Thermogenesis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5175.	4.1	3
47	Lamotrigine effectively blocks synaptic transmission between nociceptive primary afferents and secondary sensory neurons in the rat superficial spinal dorsal horn. <i>Interventional Medicine & Applied Science</i> , 2011, 3, 22-26.	0.2	0
48	Molecular organization of the endocannabinoid signaling system in the superficial spinal dorsal horn of rodents. <i>FASEB Journal</i> , 2013, 27, 535.1.	0.5	0