

LudmiÅ,a Å»yliÅ,,ska

List of Publications by Year in descending order

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52
papers

618
citations

623188

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Hexachloronaphthalene (HxCN) impairs the dopamine pathway in an in vitro model of PC12 cells. <i>Chemosphere</i> , 2022, 287, 132284.	4.2	6
2	Crosstalk among Calcium ATPases: PMCA, SERCA and SPCA in Mental Diseases. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2785.	1.8	9
3	The Role of G Protein-Coupled Receptors (GPCRs) and Calcium Signaling in Schizophrenia. Focus on GPCRs Activated by Neurotransmitters and Chemokines. <i>Cells</i> , 2021, 10, 1228.	1.8	25
4	Receptor-Dependent and Independent Regulation of Voltage-Gated Ca ²⁺ Channels and Ca ²⁺ -Permeable Channels by Endocannabinoids in the Brain. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8168.	1.8	9
5	Ketamine and Calcium Signaling—A Crosstalk for Neuronal Physiology and Pathology. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8410.	1.8	19
6	Hexachloronaphthalene Induces Mitochondrial-Dependent Neurotoxicity via a Mechanism of Enhanced Production of Reactive Oxygen Species. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-17.	1.9	2
7	Neuroprotective Polyphenols: A Modulatory Action on Neurotransmitter Pathways. <i>Current Neuropharmacology</i> , 2020, 18, 431-445.	1.4	31
8	Calcium Dyshomeostasis Alters CCL5 Signaling in Differentiated PC12 Cells. <i>BioMed Research International</i> , 2019, 2019, 1-12.	0.9	3
9	The Puzzling Role of Neuron-Specific PMCA Isoforms in the Aging Process. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6338.	1.8	12
10	Calcium as a Trojan horse in mental diseases—The role of PMCA and PMCA-interacting proteins in bipolar disorder and schizophrenia. <i>Neuroscience Letters</i> , 2018, 663, 48-54.	1.0	7
11	Cross talk among PMCA, calcineurin and NFAT transcription factors in control of calmodulin gene expression in differentiating PC12 cells. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2017, 1860, 502-515.	0.9	16
12	Glutamate Deregulation in Ketamine-Induced Psychosis—A Potential Role of PSD95, NMDA Receptor and PMCA Interaction. <i>Frontiers in Cellular Neuroscience</i> , 2017, 11, 181.	1.8	27
13	Calcium-engaged Mechanisms of Nongenomic Action of Neurosteroids. <i>Current Neuropharmacology</i> , 2017, 15, 1174-1191.	1.4	10
14	Regional brain dysregulation of Ca ²⁺ -handling systems in ketamine-induced rat model of experimental psychosis. <i>Cell and Tissue Research</i> , 2016, 363, 609-620.	1.5	14
15	Region-specific effects of repeated ketamine administration on the presynaptic GABAergic neurochemistry in rat brain. <i>Neurochemistry International</i> , 2015, 91, 13-25.	1.9	13
16	Plasma membrane Ca ²⁺ -ATPase is a novel target for ketamine action. <i>Biochemical and Biophysical Research Communications</i> , 2015, 465, 312-317.	1.0	8
17	Regulation of GAP43/calmodulin complex formation via calcineurin-dependent mechanism in differentiated PC12 cells with altered PMCA isoforms composition. <i>Molecular and Cellular Biochemistry</i> , 2015, 407, 251-262.	1.4	20
18	Calcineurin/NFAT Signaling Represses Genes Vamp1 and Vamp2 via PMCA-Dependent Mechanism during Dopamine Secretion by Pheochromocytoma Cells. <i>PLoS ONE</i> , 2014, 9, e92176.	1.1	11

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19	NFAT1 and NFAT3 Cooperate with HDAC4 during Regulation of Alternative Splicing of PMCA Isoforms in PC12 Cells. PLoS ONE, 2014, 9, e99118.	1.1	11
20	Silencing of Plasma Membrane Ca ²⁺ -ATPase Isoforms 2 and 3 Impairs Energy Metabolism in Differentiating PC12 Cells. BioMed Research International, 2014, 2014, 1-13.	0.9	7
21	Downregulation of microsomal glutathione-S-transferase 1 modulates protective mechanisms in differentiated PC12 cells. Journal of Physiology and Biochemistry, 2014, 70, 375-383.	1.3	13
22	Limited protective properties of thymol and thyme oil on differentiated PC12 cells with downregulated Mgst1. Journal of Applied Biomedicine, 2014, 12, 235-243.	0.6	6
23	Plasma Membrane Ca ²⁺ -ATPase Isoforms Composition Regulates Cellular pH Homeostasis in Differentiating PC12 Cells in a Manner Dependent on Cytosolic Ca ²⁺ Elevations. PLoS ONE, 2014, 9, e102352.	1.1	19
24	Downregulation of PMCA2 or PMCA3 reorganizes Ca ²⁺ handling systems in differentiating PC12 cells. Cell Calcium, 2012, 52, 433-444.	1.1	24
25	Gene expression pattern in PC12 cells with reduced PMCA2 or PMCA3 isoform: selective up-regulation of calmodulin and neuromodulin. Molecular and Cellular Biochemistry, 2012, 360, 89-102.	1.4	11
26	Interaction of plasma membrane Ca ²⁺ -ATPase isoform 4 with calcineurin A: Implications for catecholamine secretion by PC12 cells. Biochemical and Biophysical Research Communications, 2011, 411, 235-240.	1.0	16
27	GABA-shunt enzymes activity in GH3 cells with reduced level of PMCA2 or PMCA3 isoform. Biochemical and Biophysical Research Communications, 2011, 411, 815-820.	1.0	4
28	Functional characteristic of PC12 cells with reduced microsomal glutathione transferase 1.. Acta Biochimica Polonica, 2010, 57, .	0.3	8
29	Functional characteristic of PC12 cells with reduced microsomal glutathione transferase 1. Acta Biochimica Polonica, 2010, 57, 589-96.	0.3	4
30	Adaptation of microsomal glutathione transferase 1 in PC12 cells with modified PMCA isoforms composition. Indian Journal of Biochemistry and Biophysics, 2010, 47, 265-71.	0.2	1
31	Calmodulin effects on steroids-regulated plasma membrane calcium pump activity. Cell Biochemistry and Function, 2009, 27, 111-117.	1.4	5
32	Fast Action of Neuroactive Steroids on Plasma Membrane Calcium Pump in PC12 Cells. Annals of the New York Academy of Sciences, 2008, 1148, 515-519.	1.8	5
33	Changes in Erythrocyte Glutathione and Plasma Membrane Calcium Pump in Preterm Newborns Treated Antenatally with MgSO ₄ . Neonatology, 2008, 94, 272-278.	0.9	10
34	Functional Importance of PMCA Isoforms in Growth and Development of PC12 Cells. Annals of the New York Academy of Sciences, 2007, 1099, 254-269.	1.8	14
35	Prenatal MgSO ₄ treatment modifies the erythrocyte band 3 in preterm neonates. Pharmacological Research, 2006, 53, 347-352.	3.1	15
36	Magnesium sulfate effect on erythrocyte membranes of asphyxiated newborns. Clinical Biochemistry, 2005, 38, 457-464.	0.8	15

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37	Exposure to polychlorinated naphthalenes affects GABA-metabolizing enzymes in rat brain. <i>Environmental Toxicology and Pharmacology</i> , 2005, 20, 450-455.	2.0	20
38	The effect of antisense oligonucleotide treatment of plasma membrane Ca(+2)-ATPase in PC12 cells. <i>Cellular and Molecular Biology Letters</i> , 2004, 9, 451-64.	2.7	16
39	Hypochlorous acid inhibits glutathione S-conjugate export from human erythrocytes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2002, 1564, 479-486.	1.4	8
40	Protein kinases activities in erythrocyte membranes of asphyxiated newborns. <i>Clinical Biochemistry</i> , 2002, 35, 93-98.	0.8	7
41	The isoform- and location-dependence of the functioning of the plasma membrane calcium pump. <i>Cellular and Molecular Biology Letters</i> , 2002, 7, 1037-45.	2.7	20
42	Calmodulin effect on purified rat cortical plasma membrane Ca2+-ATPase in different phosphorylation states. <i>BBA - Proteins and Proteomics</i> , 2001, 1549, 19-31.	2.1	7
43	Short-time effects of neuroactive steroids on rat cortical Ca2+-ATPase activity. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 1999, 1437, 257-264.	1.2	32
44	Characterization of Erythrocyte Compounds in Asphyxiated Newborns. <i>Molecular Cell Biology Research Communications: MCBRC: Part B of Biochemical and Biophysical Research Communications</i> , 1999, 2, 185-189.	1.7	8
45	Neuroactive Steroids Modulate in vitro the Mg2+-Dependent Ca2+-ATPase Activity in Cultured Rat Neurons. <i>General Pharmacology</i> , 1998, 30, 533-536.	0.7	10
46	Protein kinases A and C phosphorylate purified Ca2+-ATPase from rat cortex, cerebellum and hippocampus. A preliminary report of the PKA- and PKC-mediated phosphorylation of Ca2+-ATPase purified from rat brain was presented at the FEBS Special Meeting: Cell Signalling Mechanisms, Amsterdam, The Netherlands, June 29-July 3, 1997. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1998, 1448, 99-108.	1.9	30
47	Protein kinase C and calmodulin effects on the plasma membrane Ca2+-ATPase from excitable and nonexcitable cells. <i>Journal of Biochemistry</i> , 1997, 173, 79-87.		12
48	Okadaic acid as a probe for regulation In Vitro of Mg2+,Ca2+-ATPase activity in rat cortical and cerebellar synaptosomal membranes. <i>Cellular Signalling</i> , 1996, 8, 443-448.	1.7	6
49	Neuroactive Steroids Modulate in Vivo the Mg2+/Ca2+ - ATPase Activity in Rat Cortical and Cerebellar Synaptosomal Membranes. <i>Biochemical and Biophysical Research Communications</i> , 1995, 212, 178-183.	1.0	4
50	Serotonin, histamine and somatostatin modulation of PMA-stimulated phosphorylation of 130kDa Ca2+ pump-like protein from rat cerebellum synaptosomal membranes. <i>International Journal of Biochemistry & Cell Biology</i> , 1993, 25, 521-524.	0.8	2
51	Characterization of 130kDa protein from rat cerebellum synaptosomal membranes phosphorylated by PKC. <i>International Journal of Biochemistry & Cell Biology</i> , 1992, 24, 1057-1064.	0.8	4
52	Early Developmental PMCA2b Expression Protects From Ketamine-Induced Apoptosis and GABA Impairments in Differentiating Hippocampal Progenitor Cells. <i>Frontiers in Cellular Neuroscience</i> , 0, 16, .	1.8	0