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List of Publications by Year in descending order

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papers

982
citations

394421

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434195

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times ranked

1156
citing authors

#	ARTICLE	IF	CITATIONS
1	The Plasma Membrane Ca ²⁺ -ATPase Isoform 4 Is Localized in Lipid Rafts of Cerebellum Synaptic Plasma Membranes. <i>Journal of Biological Chemistry</i> , 2006, 281, 447-453.	3.4	90
2	Where is TRPV1 expressed in the bladder, do we see the real channel?. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2009, 379, 421-425.	3.0	80
3	Intracellular Ca ²⁺ - and Mn ²⁺ -Transport ATPases. <i>Chemical Reviews</i> , 2009, 109, 4733-4759.	47.7	79
4	Altered Ca ²⁺ dependence of synaptosomal plasma membrane Ca ²⁺ -ATPase in human brain affected by Alzheimer's disease. <i>FASEB Journal</i> , 2009, 23, 1826-1834.	0.5	63
5	Silencing the SPCA1 (Secretory Pathway Ca ²⁺ -ATPase Isoform 1) Impairs Ca ²⁺ Homeostasis in the Golgi and Disturbs Neural Polarity. <i>Journal of Neuroscience</i> , 2009, 29, 12174-12182.	3.6	57
6	Primary Active Ca ²⁺ Transport Systems in Health and Disease. <i>Cold Spring Harbor Perspectives in Biology</i> , 2020, 12, a035113.	5.5	55
7	Evaluation of manganese uptake and toxicity in mouse brain during continuous MnCl ₂ administration using osmotic pumps. <i>Contrast Media and Molecular Imaging</i> , 2012, 7, 426-434.	0.8	44
8	Calcium pumps in the central nervous system. <i>Brain Research Reviews</i> , 2005, 49, 398-405.	9.0	41
9	Characterization of proximal pulmonary arterial cells from chronic thromboembolic pulmonary hypertension patients. <i>Respiratory Research</i> , 2012, 13, 27.	3.6	41
10	Calmodulin antagonizes amyloid- β peptides-mediated inhibition of brain plasma membrane Ca ²⁺ -ATPase. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2012, 1822, 961-969.	3.8	40
11	Functional and immunocytochemical evidence for the expression and localization of the secretory pathway Ca ²⁺ -ATPase isoform 1 (SPCA1) in cerebellum relative to other Ca ²⁺ pumps. <i>Journal of Neurochemistry</i> , 2007, 103, 1009-1018.	3.9	31
12	The secretory pathway Ca ²⁺ -ATPase 1 is associated with cholesterol-rich microdomains of human colon adenocarcinoma cells. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2010, 1798, 1512-1521.	2.6	30
13	Inhibition of PMCA activity by tau as a function of aging and Alzheimer's neuropathology. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2015, 1852, 1465-1476.	3.8	30
14	Activity and localization of the Secretory Pathway Ca ²⁺ -ATPase isoform 1 (SPCA1) in different areas of the mouse brain during postnatal development. <i>Molecular and Cellular Neurosciences</i> , 2008, 38, 461-473.	2.2	29
15	Localization of endoplasmic reticulum and plasma membrane Ca ²⁺ -ATPases in subcellular fractions and sections of pig cerebellum. <i>European Journal of Neuroscience</i> , 2004, 19, 542-551.	2.6	28
16	The interaction of ethanol with reconstituted synaptosomal plasma membrane Ca ²⁺ -ATPase. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2004, 1665, 75-80.	2.6	25
17	Ontogeny of ATP hydrolysis and isoform expression of the Plasma Membrane Ca ²⁺ -ATPase in mouse brain. <i>BMC Neuroscience</i> , 2009, 10, 112.	1.9	24
18	Impairment of the activity of the plasma membrane Ca ²⁺ -ATPase in Alzheimer's disease. <i>Biochemical Society Transactions</i> , 2011, 39, 819-822.	3.4	23

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19	A developmental profile of the levels of calcium pumps in chick cerebellum. <i>Journal of Neurochemistry</i> , 2005, 95, 673-683.	3.9	21
20	Plasma membrane Ca ²⁺ -ATPases in the nervous system during development and ageing. <i>World Journal of Biological Chemistry</i> , 2010, 1, 229.	4.3	20
21	Ca ²⁺ Transport by the Synaptosomal Plasma Membrane Ca ²⁺ -ATPase and the Effect of Thioridazine. <i>Biochemistry</i> , 2004, 43, 2353-2358.	2.5	19
22	Developmental distribution of plasma membrane Ca ²⁺ -ATPase isoforms in chick cerebellum. <i>Developmental Dynamics</i> , 2007, 236, 1227-1236.	1.8	19
23	High levels of Ca^{2+} inhibit secretory pathway Ca^{2+} -ATPase (SPCA) activity and cause Golgi fragmentation in neurons and glia. <i>Journal of Neurochemistry</i> , 2012, 123, 824-836.	3.9	16
24	Phospholipids and calmodulin modulate the inhibition of PMCA activity by tau. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2017, 1864, 1028-1035.	4.1	16
25	Microglia and Microglia-Like Cells: Similar but Different. <i>Frontiers in Cellular Neuroscience</i> , 2022, 16, 816439.	3.7	16
26	Distribution of the Intracellular Ca ²⁺ -ATPase Isoform 2b in Pig Brain Subcellular Fractions and Cross-Reaction with a Monoclonal Antibody Raised against the Enzyme Isoform 1. <i>Journal of Biochemistry</i> , 2001, 129, 621-626.	1.7	11
27	Effect of spermine on the activity of synaptosomal plasma membrane Ca ²⁺ -ATPase reconstituted in neutral or acidic phospholipids. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2003, 1611, 197-203.	2.6	10
28	The endoplasmic reticulum Ca ²⁺ -ATPase SERCA2b is upregulated in activated microglia and its inhibition causes opposite effects on migration and phagocytosis. <i>Glia</i> , 2021, 69, 842-857.	4.9	10
29	Efficient In Vitro and In Vivo Anti-Inflammatory Activity of a Diamine-PEGylated Oleanolic Acid Derivative. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8158.	4.1	7
30	Switching Roles: Beneficial Effects of Adipose Tissue-Derived Mesenchymal Stem Cells on Microglia and Their Implication in Neurodegenerative Diseases. <i>Biomolecules</i> , 2022, 12, 219.	4.0	5
31	Localization of intracellular and plasma membrane Ca ²⁺ -ATPases in the cerebellum. <i>Cerebellum</i> , 2005, 4, 82-89.	2.5	2
32	Role Of Endothelial And Smooth Muscle Cells In Vascular Wall Remodeling Of Large Pulmonary Arteries In Patients With CTEPH. , 2010, , .		0
33	Impairment of PMCA Activity by Amyloid β -Peptide in Membranes from Alzheimer's Disease-Affected Brain and from Other Model Systems. <i>Biophysical Journal</i> , 2010, 98, 170a.	0.5	0
34	Calmodulin Prevents the Inhibitory Effect of Neurotoxic β -Amyloid Peptide on Synaptosomal Plasma Membrane Ca ²⁺ -ATPase. <i>Biophysical Journal</i> , 2012, 102, 508a.	0.5	0