Juan Pablo Rossi

List of Publications by Year
in descending order

34	413	623188	794141
papers	citations	14	19
		h-index	g-index

34	34	34	364
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Thermal Stability of the Plasma Membrane Calcium Pump. Quantitative Analysis of Its Dependence on Lipid-Protein Interactions. Journal of Membrane Biology, 2000, 173, 215-225.	1.0	37
2	Molecular Characterization of the Glycated Plasma Membrane Calcium Pump. Journal of Membrane Biology, 1999, 171, 25-34.	1.0	30
3	Determination of the Dissociation Constants for Ca2+ and Calmodulin from the Plasma Membrane Ca2+ Pump by a Lipid Probe That Senses Membrane Domain Changes. Journal of Biological Chemistry, 2010, 285, 123-130.	1.6	25
4	Plasma Membrane Calcium ATPase Activity Is Regulated by Actin Oligomers through Direct Interaction. Journal of Biological Chemistry, 2013, 288, 23380-23393.	1.6	23
5	Reversal of the calcium pump in human red cells. Journal of Membrane Biology, 1978, 44, 37-46.	1.0	20
6	Identification of Transmembrane Domains of the Red Cell Calcium Pump with a New Photoactivatable Phospholipidic Probe. Biochemical and Biophysical Research Communications, 1994, 201, 194-200.	1.0	20
7	Export and folding of signal-sequenceless Bacillusâ€ƒlicheniformisÎ²-lactamase in Escherichiaâ€ƒcoli. FEBS Journal, 2000, 267, 3836-3847.	0.2	20
8	Differential Effects of G- and F-Actin on the Plasma Membrane Calcium Pump Activity. Cell Biochemistry and Biophysics, 2013, 66, 187-198.	0.9	20
9	Oligomerization of the plasma membrane calcium pump involves two regions with different thermal stability. FEBS Letters, 2000, 483, 99-103.	1.3	19
10	Quantitation of Plasma Membrane Calcium Pump Phosphorylated Intermediates by Electrophoresis. Analytical Biochemistry, 2001, 289, 267-273.	1.1	19
11	Trypsin activation of the red cell Ca2+-pump ATPase is calcium-sensitive. Cell Calcium, 1982, 3, 583-590.	1.1	18
12	A New Conformation in Sarcoplasmic Reticulum Calcium Pump and Plasma Membrane Ca2+ Pumps Revealed by a Photoactivatable Phospholipidic Probe. Journal of Biological Chemistry, 2009, 284, 4823-4828.	1.6	18
13	Regulation of the Plasma Membrane Calcium ATPases by the actin cytoskeleton. Biochemical and Biophysical Research Communications, 2018, 506, 347-354.	1.0	18
14	Stoichiometry of lipid-protein interaction assessed by hydrophobic photolabeling. FEBS Letters, 2006, 580, 607-612.	1.3	15
15	Calcium Occlusion in Plasma Membrane Ca2+-ATPase. Journal of Biological Chemistry, 2011, 286, 32018-32025.	1.6	12
16	Correlation between Ca2+-ATPase activity of rat islet cells and insulin secretion. Journal of Endocrinology, 1992, 134, 221-225.	1.2	11
17	Plasma Membrane Calcium Pump (PMCA) Differential Exposure of Hydrophobic Domains after Calmodulin and Phosphatidic Acid Activation. Journal of Biological Chemistry, 2011, 286, 18397-18404.	1.6	11
18	Conformational Changes Produced by ATP Binding to the Plasma Membrane Calcium Pump. Journal of Biological Chemistry, 2013, 288, 31030-31041.	1.6	11

#	Article	IF	Citations
19	Quantitative analysis of membrane proteinâ€“amphiphile interactions using resonance energy transfer. Analytical Biochemistry, 2003, 317, 171-179.	1.1	9
20	Changes in islet plasma membrane calcium-ATPase activity and isoform expression induced by insulin resistance. Archives of Biochemistry and Biophysics, 2009, 490, 17-23.	1.4	9
21	Inhibitory effect of sulfonylureas on protein phosphatase activity in rat pancreatic islets. Acta Diabetologica, 1997, 34, 6-9.	1.2	7
22	Expression and Cellular Distribution Pattern of Plasma Membrane Calcium Pump Isoforms in Rat Pancreatic Islets. Journal of Membrane Biology, 2002, 185, 17-23.	1.0	6
23	Cortical cytoskeleton dynamics regulates plasma membrane calcium ATPase isoform-2 (PMCA2) activity. Biochimica Et Biophysica Acta - Molecular Cell Research, 2017, 1864, 1413-1424.	1.9	6
24	Chemical Modification Reveals Involvement of Different Sites for Nucleotide Analogues in the Phosphatase Activity of the Red Cell Calcium Pump. Journal of Membrane Biology, 1998, 163, 217-224.	1.0	5
25	Plasma Membrane Calcium Pump Activity in Rat Pancreatic Islets: An Accurate Method to Measure its Calcium-Dependent Modulation. Cell Biochemistry and Biophysics, 2006, 46, 193-200.	0.9	5
26	Phospholipid Distribution Around the Plasma Membrane Calcium Pump: A Hydrophobic Photolabeling Study. Cell Biochemistry and Biophysics, 2006, 44, 431-437.	0.9	4
27	Epigallocatechin 3-gallate inhibits the plasma membrane Ca2+-ATPase: effects on calcium homeostasis. Heliyon, 2021, 7, e06337.	1.4	4
28	Fura-2 transport in toad urinary bladder epithelium: effects of antidiuretic hormone, colchicine and osmotic gradients. Biochimica Et Biophysica Acta - Biomembranes, 1993, 1151, 1-6.	1.4	3
29	Structural Characterization of the Glycation Process of the Plasma Membrane Calcium Pump. Annals of the New York Academy of Sciences, 1997, 834, 126-128.	1.8	3
30	Synthesis and human leukocyte elastase inhibitory evaluation of phosphate triesters and acyl phosphates of penam sulfides and sulfones. Bioorganic and Medicinal Chemistry, 2001, 9, 2113-2117.	1.4	3
31	Fura-2 handling in a polarized epithelial barrier: The toad urinary bladder. Life Sciences, 1992, 51, 545-551.	2.0	1
32	Effect of pH upon Ca2+-ATPase Activity of Rat Pancreatic Islets: Its Possible Contribution to the Inhibitory Effect of Different Insulin Secretagogues. Archives of Physiology and Biochemistry, 1995, 103, 21-28.	1.0	1
33	Involvement of Different Sites for Nucleotide Analogs in the Phosphatase Activity of the Red Cell Calcium Pump. Annals of the New York Academy of Sciences, 1997, 834, 459-461.	1.8	0
34	Evidence of Direct Binding of G-Actin and Calmodulin to PMCA by Surface Plasmon Resonance. Biophysical Journal, 2012, 102, 710a.	0.2	0