

Angel Zarain-Herzberg

List of Publications by Year in descending order

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31
papers

932
citations

516710

16
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454955

30
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31
all docs

31
docs citations

31
times ranked

1428
citing authors

#	ARTICLE	IF	CITATIONS
1	Sarcoplasmic reticulum calsequestrins: Structural and functional properties. <i>Molecular and Cellular Biochemistry</i> , 1994, 135, 61-70.	3.1	151
2	PPAR- δ Activation Restores Pancreatic Islet SERCA2 Levels and Prevents β -Cell Dysfunction under Conditions of Hyperglycemic and Cytokine Stress. <i>Molecular Endocrinology</i> , 2012, 26, 257-271.	3.7	101
3	Decreased expression of cardiac sarcoplasmic reticulum Ca ²⁺ -pump ATPase in congestive heart failure due to myocardial infarction. <i>Molecular and Cellular Biochemistry</i> , 1996, 163-164, 285-290.	3.1	79
4	Modification of sarcoplasmic reticulum gene expression in pressure overload cardiac hypertrophy by etomoxir. <i>FASEB Journal</i> , 1996, 10, 1303-1309.	0.5	73
5	Regulation of SERCA pumps expression in diabetes. <i>Cell Calcium</i> , 2014, 56, 302-310.	2.4	69
6	Resveratrol up-regulates ATP2A3 gene expression in breast cancer cell lines through epigenetic mechanisms. <i>International Journal of Biochemistry and Cell Biology</i> , 2019, 113, 37-47.	2.8	54
7	Calcium-regulated transcriptional pathways in the normal and pathologic heart. <i>IUBMB Life</i> , 2011, 63, 847-855.	3.4	42
8	Palmitic acid but not palmitoleic acid induces insulin resistance in a human endothelial cell line by decreasing SERCA pump expression. <i>Cellular Signalling</i> , 2016, 28, 53-59.	3.6	37
9	Therapeutic potential of CPT I inhibitors: cardiac gene transcription as a target. <i>Expert Opinion on Investigational Drugs</i> , 2002, 11, 345-356.	4.1	36
10	Sarco(endo)plasmic Reticulum Ca ²⁺ -ATPase-2 Gene: Structure and Transcriptional Regulation of the Human Gene. <i>Scientific World Journal</i> , The, 2002, 2, 1469-1483.	2.1	29
11	Regulation of the sarcoplasmic reticulum Ca ²⁺ -ATPase expression in the hypertrophic and failing heart This paper is part of a series in the Journal's "Made in Canada" section. The paper has undergone peer review.. <i>Canadian Journal of Physiology and Pharmacology</i> , 2006, 84, 509-521.	1.4	24
12	<i>ATP2A3</i> gene as an important player for resveratrol anticancer activity in breast cancer cells. <i>Molecular Carcinogenesis</i> , 2017, 56, 1703-1711.	2.7	24
13	Regulation of sarco(endo)plasmic reticulum Ca ²⁺ -ATPase and calsequestrin gene expression in the heart. <i>Canadian Journal of Physiology and Pharmacology</i> , 2012, 90, 1017-1028.	1.4	23
14	Histone deacetylase inhibitors promote the expression of <i>ATP2A3</i> gene in breast cancer cell lines. <i>Molecular Carcinogenesis</i> , 2016, 55, 1477-1485.	2.7	20
15	Histone deacetylase inhibitors induce the expression of tumor suppressor genes Per1 and Per2 in human gastric cancer cells. <i>Oncology Letters</i> , 2018, 16, 1981-1990.	1.8	19
16	Induction of cell differentiation activates transcription of the Sarco/Endoplasmic Reticulum calcium-ATPase 3 gene (<i>ATP2A3</i>) in gastric and colon cancer cells. <i>Molecular Carcinogenesis</i> , 2017, 56, 735-750.	2.7	18
17	Calcium signaling and epigenetics: A key point to understand carcinogenesis. <i>Cell Calcium</i> , 2020, 91, 102285.	2.4	18
18	Analysis of mRNA expression and cloning of a novel plasma membrane Ca ²⁺ -ATPase splice variant in human heart. <i>Molecular and Cellular Biochemistry</i> , 1996, 155, 173-82.	3.1	16

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19	Transcriptional Analysis of the Human Cardiac Calsequestrin Gene in Cardiac and Skeletal Myocytes. <i>Journal of Biological Chemistry</i> , 2007, 282, 35554-35563.	3.4	16
20	Epigenetic regulation of the human <i>ATP2A3</i> gene promoter in gastric and colon cancer cell lines. <i>Molecular Carcinogenesis</i> , 2019, 58, 887-897.	2.7	16
21	Resveratrol Prevents Right Ventricle Dysfunction, Calcium Mishandling, and Energetic Failure via SIRT3 Stimulation in Pulmonary Arterial Hypertension. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-15.	4.0	16
22	Calcitonin gene-related peptide restores disrupted excitation-contraction coupling in myotubes expressing central core disease mutations in RyR1. <i>Journal of Physiology</i> , 2011, 589, 4649-4669.	2.9	15
23	Histone deacetylase inhibitors promote <i>ATP2A3</i> gene expression in hepatocellular carcinoma cells: p300 as a transcriptional regulator. <i>International Journal of Biochemistry and Cell Biology</i> , 2019, 113, 8-16.	2.8	12
24	Functional impact of an oculopharyngeal muscular dystrophy mutation in PABPN1. <i>Journal of Physiology</i> , 2017, 595, 4167-4187.	2.9	7
25	The cardiac calsequestrin gene transcription is modulated at the promoter by NFAT and MEF-2 transcription factors. <i>PLoS ONE</i> , 2017, 12, e0184724.	2.5	5
26	Transcriptional and epigenetic landscape of Ca ²⁺ -signaling genes in hepatocellular carcinoma. <i>Journal of Cell Communication and Signaling</i> , 2021, 15, 433-445.	3.4	3
27	Expression and associated epigenetic mechanisms of the Ca ²⁺ -signaling genes in breast cancer subtypes and epithelial-to-mesenchymal transition. <i>Journal of Cell Communication and Signaling</i> , 2022, 16, 461-474.	3.4	3
28	The CCAAT box in the proximal <i>SERCA2</i> gene promoter regulates basal and stress-induced transcription in cardiomyocytes. <i>Molecular and Cellular Biochemistry</i> , 2018, 442, 19-28.	3.1	2
29	Sarcoplasmic reticulum Ca ²⁺ ATPases genes differential expression in breast cancer cells. <i>Gaceta Medica De Mexico</i> , 2023, 157, 343-349.	0.3	2
30	Obesity, the other pandemic: linking diet and carcinogenesis by epigenetic mechanisms. <i>Journal of Nutritional Biochemistry</i> , 2022, 108, 109092.	4.2	2
31	KLF4 transcription factor positively regulates the transcription of <i>ATP2A3</i> gene during the differentiation of human colon and gastric cancer cell lines. <i>FASEB Journal</i> , 2013, 27, 1b98.	0.5	0