

Dimitrios A Arvanitis

List of Publications by Year in descending order

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46
papers

1,427
citations

331538

21
h-index

330025

37
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docs citations

46
times ranked

2027
citing authors

#	ARTICLE	IF	CITATIONS
1	Increased frequency of combined methylenetetrahydrofolate reductase C677T and A1298C mutated alleles in spontaneously aborted embryos. <i>European Journal of Human Genetics</i> , 2002, 10, 113-118.	1.4	130
2	The Anti-apoptotic Protein HAX-1 Interacts with SERCA2 and Regulates Its Protein Levels to Promote Cell Survival. <i>Molecular Biology of the Cell</i> , 2009, 20, 306-318.	0.9	106
3	CYP1A1, CYP19, and GSTM1 polymorphisms increase the risk of endometriosis. <i>Fertility and Sterility</i> , 2003, 79, 702-709.	0.5	91
4	Phospholamban Interacts with HAX-1, a Mitochondrial Protein with Anti-apoptotic Function. <i>Journal of Molecular Biology</i> , 2007, 367, 65-79.	2.0	85
5	Histidine-rich Ca-binding protein interacts with sarcoplasmic reticulum Ca-ATPase. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007, 293, H1581-H1589.	1.5	75
6	Microsatellite DNA assays reveal an allelic imbalance in p16Ink4, GALT, p53, and APOA2 loci in patients with endometriosis. <i>Fertility and Sterility</i> , 2001, 75, 160-165.	0.5	69
7	Muscle LIM Protein: Master regulator of cardiac and skeletal muscle functions. <i>Gene</i> , 2015, 566, 1-7.	1.0	65
8	Histidine-rich calcium binding protein: The new regulator of sarcoplasmic reticulum calcium cycling. <i>Journal of Molecular and Cellular Cardiology</i> , 2011, 50, 43-49.	0.9	53
9	Muscle Lim Protein Interacts with Cofilin 2 and Regulates F-Actin Dynamics in Cardiac and Skeletal Muscle. <i>Molecular and Cellular Biology</i> , 2009, 29, 6046-6058.	1.1	51
10	Influence of the apolipoprotein E ϵ 4 allele on human embryonic development. <i>Neuroscience Letters</i> , 2002, 324, 189-192.	1.0	50
11	The Ser96Ala variant in histidine-rich calcium-binding protein is associated with life-threatening ventricular arrhythmias in idiopathic dilated cardiomyopathy. <i>European Heart Journal</i> , 2008, 29, 2514-2525.	1.0	48
12	Phosphorylation of serine96 of histidine-rich calcium-binding protein by the Fam20C kinase functions to prevent cardiac arrhythmia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 9098-9103.	3.3	43
13	The <i>Crocus sativus</i> Compounds trans-Crocin 4 and trans-Crocetin Modulate the Amyloidogenic Pathway and Tau Misprocessing in Alzheimer Disease Neuronal Cell Culture Models. <i>Frontiers in Neuroscience</i> , 2019, 13, 249.	1.4	42
14	Deregulation of RNA polymerase III transcription in cervical epithelium in response to high-risk human papillomavirus. <i>Oncogene</i> , 2005, 24, 880-888.	2.6	37
15	The role of SERCA2a/PLN complex, Ca ²⁺ homeostasis, and anti-apoptotic proteins in determining cell fate. <i>Pflügers Archiv European Journal of Physiology</i> , 2009, 457, 687-700.	1.3	37
16	Low-penetrance genes are associated with increased susceptibility to endometriosis. <i>Fertility and Sterility</i> , 2001, 76, 1202-1206.	0.5	36
17	Array lessons from the heart: focus on the genome and transcriptome of cardiomyopathies. <i>Physiological Genomics</i> , 2005, 21, 131-143.	1.0	34
18	Abnormal Calcium Cycling and Cardiac Arrhythmias Associated With the Human Ser96Ala Genetic Variant of Histidine-Rich Calcium-Binding Protein. <i>Journal of the American Heart Association</i> , 2013, 2, e000460.	1.6	28

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19	Muscle lim protein isoform negatively regulates striated muscle actin dynamics and differentiation. FEBS Journal, 2014, 281, 3261-3279.	2.2	26
20	Fractional allele loss is a valuable marker for human lung cancer detection in sputum. Lung Cancer, 2003, 40, 55-66.	0.9	25
21	Dual role of junctin in the regulation of ryanodine receptors and calcium release in cardiac ventricular myocytes. Journal of Physiology, 2011, 589, 6063-6080.	1.3	24
22	Loss of Heterozygosity in DNA Mismatch Repair Genes in Human Atherosclerotic Plaques. Molecular Cell Biology Research Communications: MCBRC: Part B of Biochemical and Biophysical Research Communications, 2000, 4, 62-65.	1.7	19
23	Deregulation of the G1/S phase transition in cancer and squamous intraepithelial lesions of the uterine cervix: a case control study. Oncology Reports, 2008, 20, 751-60.	1.2	19
24	Detection of point mutations at codon 12 of K1-ras in ophthalmic pterygia. Eye, 2005, 19, 210-214.	1.1	17
25	Catecholaminergic-induced arrhythmias in failing cardiomyocytes associated with human HRC ^{S96A} variant overexpression. American Journal of Physiology - Heart and Circulatory Physiology, 2011, 301, H1588-H1595.	1.5	17
26	Low incidence of H-, K- and N-ras oncogene mutations in cytological specimens of laryngeal tumours. Oral Oncology, 1999, 35, 561-563.	0.8	14
27	Impaired calcium homeostasis is associated with sudden cardiac death and arrhythmias in a genetic equivalent mouse model of the human HRC-Ser96Ala variant. Cardiovascular Research, 2017, 113, 1403-1417.	1.8	14
28	Deregulation of the G1/S phase transition in cancer and squamous intraepithelial lesions of the uterine cervix: A case control study. Oncology Reports, 1994, 20, 751.	1.2	13
29	Array-based pharmacogenomics of molecular-targeted therapies in oncology. Pharmacogenomics Journal, 2012, 12, 185-196.	0.9	13
30	Identification of a Protein Phosphatase-1/Phospholamban Complex That Is Regulated by cAMP-Dependent Phosphorylation. PLoS ONE, 2013, 8, e80867.	1.1	13
31	Vascular-Specific Growth Factor mRNA Levels in the Human Diaphragm. Respiration, 2005, 72, 636-641.	1.2	12
32	The Histidine-Rich Calcium Binding Protein in Regulation of Cardiac Rhythmicity. Frontiers in Physiology, 2018, 9, 1379.	1.3	12
33	Beneficial Effects of Sideritis scardica and Cichorium spinosum against Amyloidogenic Pathway and Tau Misprocessing in Alzheimer's Disease Neuronal Cell Culture Models. Journal of Alzheimer's Disease, 2018, 64, 787-800.	1.2	12
34	Impaired Right Ventricular Calcium Cycling Is an Early Risk Factor in R14del-Phospholamban Arrhythmias. Journal of Personalized Medicine, 2021, 11, 502.	1.1	12
35	Mutational analysis of the cell cycle inhibitor Kip1/p27 in childhood leukemia. Pediatric Blood and Cancer, 2006, 47, 14-21.	0.8	11
36	SERCA2a superinhibition by human phospholamban triggers electrical and structural remodeling in mouse hearts. Physiological Genomics, 2011, 43, 357-364.	1.0	11

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37	Aberrant PLN-R14del Protein Interactions Intensify SERCA2a Inhibition, Driving Impaired Ca ²⁺ Handling and Arrhythmogenesis. International Journal of Molecular Sciences, 2022, 23, 6947.	1.8	11
38	The Cardioprotective PKA-Mediated Hsp20 Phosphorylation Modulates Protein Associations Regulating Cytoskeletal Dynamics. International Journal of Molecular Sciences, 2020, 21, 9572.	1.8	9
39	Allelic imbalance in hMLH1 or BRCA2 loci associated with response of cervical and endometrial cancer to radiotherapy. International Journal of Molecular Medicine, 2002, 10, 55-63.	1.8	8
40	Deregulation of p73 isoform equilibrium in benign prostate hyperplasia and prostate cancer. Oncology Reports, 2004, 12, 1131-7.	1.2	8
41	Muscle Lim Protein and myosin binding protein C form a complex regulating muscle differentiation. Biochimica Et Biophysica Acta - Molecular Cell Research, 2017, 1864, 2308-2321.	1.9	7
42	Frequent loss of heterozygosity in chromosomal region 9pter-p13 in tumor biopsies and cytological material of uterine cervical cancer. Cancer Letters, 2002, 176, 175-181.	3.2	6
43	Pharmacogenetically Tailored Treatments for Heart Disease. Current Pharmaceutical Design, 2010, 16, 2194-2213.	0.9	6
44	A junctional cAMP compartment regulates rapid Ca ²⁺ signaling in atrial myocytes. Journal of Molecular and Cellular Cardiology, 2022, 165, 141-157.	0.9	6
45	Detecting genetic differences: Reply of the authors. Fertility and Sterility, 2002, 78, 442-443.	0.5	1
46	Increased frequency of combined methylenetetrahydrofolate reductase C677T and A1298C mutated alleles in spontaneously aborted embryos. , 0, .		1