

# 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  
g-index

46  
all docs

46  
docs citations

46  
times ranked

2027  
citing authors

#	ARTICLE	IF	CITATIONS
1	A junctional cAMP compartment regulates rapid Ca <sup>2+</sup> signaling in atrial myocytes. <i>Journal of Molecular and Cellular Cardiology</i> , 2022, 165, 141-157.	0.9	6
2	Aberrant PLN-R14del Protein Interactions Intensify SERCA2a Inhibition, Driving Impaired Ca <sup>2+</sup> Handling and Arrhythmogenesis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6947.	1.8	11
3	Impaired Right Ventricular Calcium Cycling Is an Early Risk Factor in R14del-Phospholamban Arrhythmias. <i>Journal of Personalized Medicine</i> , 2021, 11, 502.	1.1	12
4	The Cardioprotective PKA-Mediated Hsp20 Phosphorylation Modulates Protein Associations Regulating Cytoskeletal Dynamics. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9572.	1.8	9
5	The Crocus sativus 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
6	The Histidine-Rich Calcium Binding Protein in Regulation of Cardiac Rhythmicity. <i>Frontiers in Physiology</i> , 2018, 9, 1379.	1.3	12
7	Beneficial Effects of <i>Sideritis scardica</i> and <i>Cichorium spinosum</i> against Amyloidogenic Pathway and Tau Misprocessing in Alzheimer's Disease Neuronal Cell Culture Models. <i>Journal of Alzheimer's Disease</i> , 2018, 64, 787-800.	1.2	12
8	Muscle Lim Protein and myosin binding protein C form a complex regulating muscle differentiation. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2017, 1864, 2308-2321.	1.9	7
9	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
10	Impaired calcium homeostasis is associated with sudden cardiac death and arrhythmias in a genetic equivalent mouse model of the human HRC-Ser96Ala variant. <i>Cardiovascular Research</i> , 2017, 113, 1403-1417.	1.8	14
11	Muscle LIM Protein: Master regulator of cardiac and skeletal muscle functions. <i>Gene</i> , 2015, 566, 1-7.	1.0	65
12	Muscle lim protein isoform negatively regulates striated muscle actin dynamics and differentiation. <i>FEBS Journal</i> , 2014, 281, 3261-3279.	2.2	26
13	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
14	Identification of a Protein Phosphatase-1/Phospholamban Complex That Is Regulated by cAMP-Dependent Phosphorylation. <i>PLoS ONE</i> , 2013, 8, e80867.	1.1	13
15	Array-based pharmacogenomics of molecular-targeted therapies in oncology. <i>Pharmacogenomics Journal</i> , 2012, 12, 185-196.	0.9	13
16	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
17	Dual role of junctin in the regulation of ryanodine receptors and calcium release in cardiac ventricular myocytes. <i>Journal of Physiology</i> , 2011, 589, 6063-6080.	1.3	24
18	SERCA2a superinhibition by human phospholamban triggers electrical and structural remodeling in mouse hearts. <i>Physiological Genomics</i> , 2011, 43, 357-364.	1.0	11

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19	Catecholaminergic-induced arrhythmias in failing cardiomyocytes associated with human HRC <sup>S96A</sup> variant overexpression. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2011, 301, H1588-H1595.	1.5	17
20	Pharmacogenetically Tailored Treatments for Heart Disease. <i>Current Pharmaceutical Design</i> , 2010, 16, 2194-2213.	0.9	6
21	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
22	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
23	The role of SERCA2a/PLN complex, Ca <sup>2+</sup> homeostasis, and anti-apoptotic proteins in determining cell fate. <i>Pflügers Archiv European Journal of Physiology</i> , 2009, 457, 687-700.	1.3	37
24	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
25	Deregulation of the G1/S phase transition in cancer and squamous intraepithelial lesions of the uterine cervix: a case control study. <i>Oncology Reports</i> , 2008, 20, 751-60.	1.2	19
26	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
27	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
28	Mutational analysis of the cell cycle inhibitor Kip1/p27 in childhood leukemia. <i>Pediatric Blood and Cancer</i> , 2006, 47, 14-21.	0.8	11
29	Detection of point mutations at codon 12 of K1-ras in ophthalmic pterygia. <i>Eye</i> , 2005, 19, 210-214.	1.1	17
30	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
31	Array lessons from the heart: focus on the genome and transcriptome of cardiomyopathies. <i>Physiological Genomics</i> , 2005, 21, 131-143.	1.0	34
32	Vascular-Specific Growth Factor mRNA Levels in the Human Diaphragm. <i>Respiration</i> , 2005, 72, 636-641.	1.2	12
33	Deregulation of p73 isoform equilibrium in benign prostate hyperplasia and prostate cancer. <i>Oncology Reports</i> , 2004, 12, 1131-7.	1.2	8
34	CYP1A1, CYP19, and GSTM1 polymorphisms increase the risk of endometriosis. <i>Fertility and Sterility</i> , 2003, 79, 702-709.	0.5	91
35	Fractional allele loss is a valuable marker for human lung cancer detection in sputum. <i>Lung Cancer</i> , 2003, 40, 55-66.	0.9	25
36	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

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37	Detecting genetic differences: Reply of the authors. <i>Fertility and Sterility</i> , 2002, 78, 442-443.	0.5	1
38	Frequent loss of heterozygosity in chromosomal region 9pter-p13 in tumor biopsies and cytological material of uterine cervical cancer. <i>Cancer Letters</i> , 2002, 176, 175-181.	3.2	6
39	Influence of the apolipoprotein E $\epsilon$ 4 allele on human embryonic development. <i>Neuroscience Letters</i> , 2002, 324, 189-192.	1.0	50
40	Allelic imbalance in hMLH1 or BRCA2 loci associated with response of cervical and endometrial cancer to radiotherapy. <i>International Journal of Molecular Medicine</i> , 2002, 10, 55-63.	1.8	8
41	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
42	Low-penetrance genes are associated with increased susceptibility to endometriosis. <i>Fertility and Sterility</i> , 2001, 76, 1202-1206.	0.5	36
43	Loss of Heterozygosity in DNA Mismatch Repair Genes in Human Atherosclerotic Plaques. <i>Molecular Cell Biology Research Communications: MCBRC: Part B of Biochemical and Biophysical Research Communications</i> , 2000, 4, 62-65.	1.7	19
44	Low incidence of H-, K- and N-ras oncogene mutations in cytological specimens of laryngeal tumours. <i>Oral Oncology</i> , 1999, 35, 561-563.	0.8	14
45	Deregulation of the G1/S phase transition in cancer and squamous intraepithelial lesions of the uterine cervix: A case control study. <i>Oncology Reports</i> , 1994, 20, 751.	1.2	13
46	Increased frequency of combined methylenetetrahydrofolate reductase C677T and A1298C mutated alleles in spontaneously aborted embryos. , 0, .		1