Elizabeth Vafiadaki

List of Publications by Year
in descending order

35 papers	2,094 citations	361413 20 h-index	377865 34 g-index
35 all docs	35 docs citations	35 times ranked	2590 citing authors

#	Article	IF	Citations
1	A gene related to Caenorhabditis elegans spermatogenesis factor fer-1 is mutated in limb-girdle muscular dystrophy type 2B. Nature Genetics, 1998, 20, 37-42.	21.4	626
2	Dysferlin deletion in SJL mice (SJL-Dysf) defines a natural model for limb girdle muscular dystrophy 2B. Nature Genetics, 1999, 23, 141-142.	21.4	191
3	Secondary reduction in calpain 3 expression in patients with limb girdle muscular dystrophy type 2B and Miyoshi myopathy (primary dysferlinopathies). Neuromuscular Disorders, 2000, 10, 553-559.	0.6	138
4	The Anti-apoptotic Protein HAX-1 Interacts with SERCA2 and Regulates Its Protein Levels to Promote Cell Survival. Molecular Biology of the Cell, 2009, 20, 306-318.	2.1	106
5	Phospholamban Interacts with HAX-1, a Mitochondrial Protein with Anti-apoptotic Function. Journal of Molecular Biology, 2007, 367, 65-79.	4.2	85
6	Histidine-rich Ca-binding protein interacts with sarcoplasmic reticulum Ca-ATPase. American Journal of Physiology - Heart and Circulatory Physiology, 2007, 293, H1581-H1589.	3.2	75
7	A novel human R25C-phospholamban mutation is associated with super-inhibition of calcium cycling and ventricular arrhythmia. Cardiovascular Research, 2015, 107, 164-174.	3.8	72
8	Novel Role of HAX-1 in Ischemic Injury Protection Involvement of Heat Shock Protein 90. Circulation Research, 2013, 112, 79-89.	4.5	68
9	Small Heat Shock Protein 20 Interacts With Protein Phosphatase-1 and Enhances Sarcoplasmic Reticulum Calcium Cycling. Circulation Research, 2011, 108, 1429-1438.	4.5	67
10	Muscle LIM Protein: Master regulator of cardiac and skeletal muscle functions. Gene, 2015, 566, 1-7.	2.2	65
11	The Third Human FER-1-like Protein Is Highly Similar to Dysferlin. Genomics, 2000, 68, 313-321.	2.9	61
12	Histidine-rich calcium binding protein: The new regulator of sarcoplasmic reticulum calcium cycling. Journal of Molecular and Cellular Cardiology, 2011, 50, 43-49.	1.9	53
13	Cloning of the mouse dysferlin gene and genomic characterization of the SJL-Dysf mutation. NeuroReport, 2001, 12, 625-629.	1.2	52
14	Muscle Lim Protein Interacts with Cofilin 2 and Regulates F-Actin Dynamics in Cardiac and Skeletal Muscle. Molecular and Cellular Biology, 2009, 29, 6046-6058.	2.3	51
15	The Ser96Ala variant in histidine-rich calcium-binding protein is associated with life-threatening ventricular arrhythmias in idiopathic dilated cardiomyopathy. European Heart Journal, 2008, 29, 2514-2525.	2.2	48
16	The role of SERCA2a/PLN complex, Ca2+ homeostasis, and anti-apoptotic proteins in determining cell fate. Pflugers Archiv European Journal of Physiology, 2009, 457, 687-700.	2.8	37
17	Array lessons from the heart: focus on the genome and transcriptome of cardiomyopathies. Physiological Genomics, 2005, 21, 131-143.	2.3	34
18	Regulation of BECN1-mediated autophagy by HSPB6: Insights from a human HSPB6^{S10F} mutant. Autophagy, 2018, 14, 80-97.	9.1	27

#	Article	IF	Citations
19	Muscle lim protein isoform negatively regulates striated muscle actin dynamics and differentiation. FEBS Journal, 2014, 281, 3261-3279.	4.7	26
20	HAX-1: A multifaceted antiapoptotic protein localizing in the mitochondria and the sarcoplasmic reticulum of striated muscle cells. Journal of Molecular and Cellular Cardiology, 2010, 48, 1266-1279.	1.9	24
21	Glial responses during epileptogenesis in Mus musculus point to potential therapeutic targets. PLoS ONE, 2018, 13, e0201742.	2.5	24
22	Constitutive phosphorylation of inhibitor-1 at Ser67 and Thr75 depresses calcium cycling in cardiomyocytes and leads to remodeling upon aging. Basic Research in Cardiology, 2012, 107, 279.	5.9	20
23	HAX-1 regulates SERCA2a oxidation and degradation. Journal of Molecular and Cellular Cardiology, 2018, 114, 220-233.	1.9	20
24	Ciliary neurotrophic factor upregulates follistatin and Pak1, causes overexpression of muscle differentiation related genes and downregulation of established atrophy mediators in skeletal muscle. Metabolism: Clinical and Experimental, 2016, 65, 915-925.	3.4	16
25	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.	3.8	14
26	Identification of a Protein Phosphatase-1/Phospholamban Complex That Is Regulated by cAMP-Dependent Phosphorylation. PLoS ONE, 2013, 8, e80867.	2.5	13
27	Human G109E-inhibitor-1 impairs cardiac function and promotes arrhythmias. Journal of Molecular and Cellular Cardiology, 2015, 89, 349-359.	1.9	12
28	The Histidine-Rich Calcium Binding Protein in Regulation of Cardiac Rhythmicity. Frontiers in Physiology, 2018, 9, 1379.	2.8	12
29	Impaired Right Ventricular Calcium Cycling Is an Early Risk Factor in R14del-Phospholamban Arrhythmias. Journal of Personalized Medicine, 2021, 11, 502.	2.5	12
30	Reconstituted HDL-apoE3 promotes endothelial cell migration through ID1 and its downstream kinases ERK1/2, AKT and p38 MAPK. Metabolism: Clinical and Experimental, 2022, 127, 154954.	3.4	12
31	Aberrant PLN-R14del Protein Interactions Intensify SERCA2a Inhibition, Driving Impaired Ca2+ Handling and Arrhythmogenesis. International Journal of Molecular Sciences, 2022, 23, 6947.	4.1	11
32	The Cardioprotective PKA-Mediated Hsp20 Phosphorylation Modulates Protein Associations Regulating Cytoskeletal Dynamics. International Journal of Molecular Sciences, 2020, 21, 9572.	4.1	9
33	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.	4.1	7
34	Pharmacogenetically Tailored Treatments for Heart Disease. Current Pharmaceutical Design, 2010, 16, 2194-2213.	1.9	6
35	Genes and Geneâ€“Environment Interactions in the Pathogenesis of Obesity and the Metabolic Syndrome. , 2009, , 11-39.		0