Argelia Medeiros-Domingo

List of Publications by Year
in descending order

55 papers	3,602 citations	201385 27 h-index	161609 54 g-index
58 all docs	58 docs citations	58 times ranked	4379 citing authors

#	Article	IF	Citations
1	Clinical Spectrum of SCN5A Channelopathy in Children with Primary Electrical Disease and Structurally Normal Hearts. Genes, 2022, 13, 16.	1.0	5
2	Impact of Genetic Variant Reassessment on the Diagnosis of Arrhythmogenic Right Ventricular Cardiomyopathy Based on the 2010 Task Force Criteria. Circulation Genomic and Precision Medicine, 2021, 14, e003047.	1.6	13
3	Sex-Related Differences in Cardiac Channelopathies. Circulation, 2021, 143, 739-752.	1.6	23
4	Clinical impact of low coverage in whole-exome genetic testing in the assessment of familial arrhythmogenic right ventricular cardiomyopathy: a case report. European Heart Journal - Case Reports, 2021, 5, .	0.3	1
5	Outcome of video-assisted thoracoscopic implantation of epicardial left ventricular leads with visual targeting for cardiac resynchronization therapy. Interactive Cardiovascular and Thoracic Surgery, 2020, 30, 373-379.	0.5	1
6	Familial Arrhythmogenic Cardiomyopathy: Clinical Determinants of Phenotype Discordance and the Impact of Endurance Sports. Journal of Clinical Medicine, 2020, 9, 3781.	1.0	8
7	Clinical predictors of left ventricular involvement in arrhythmogenic right ventricular cardiomyopathy. American Heart Journal, 2020, 223, 34-43.	1.2	13
8	Potenciales efectos proarrÃtmicos de la farmacoterapia contra SARS-CoV-2. , 2020, 31, 199-204.		0
9	Functional characterization of a novel SCN5A variant associated with long QT syndrome and sudden cardiac death. International Journal of Legal Medicine, 2019, 133, 1733-1742.	1.2	3
10	Out-of-hospital cardiac arrest due to idiopathic ventricular fibrillation in patients with normal electrocardiograms: results from a multicentre long-term registry. Europace, 2019, 21, 1670-1677.	0.7	34
11	Molecular and genetic insights into progressive cardiac conduction disease. Europace, 2019, 21, 1145-1158.	0.7	28
12	Usefulness of Genetic Testing in Sudden Cardiac Arrest Survivors With or Without Previous Clinical Evidence of Heart Disease. American Journal of Cardiology, 2019, 123, 2031-2038.	0.7	30
13	How to Reach the Left Atrium in Atrial Fibrillation Ablation?. Circulation: Arrhythmia and Electrophysiology, 2019, 12, e006744.	2.1	1
14	Comparison of lead failure manifestation of Biotronik Linox with St. Jude Medical Riata and Medtronic Sprint Fidelis lead. Journal of Interventional Cardiac Electrophysiology, 2019, 54, 161-170.	0.6	7
15	Emerging Implications of Genetic Testing in Inherited Primary Arrhythmia Syndromes. Cardiology in Review, 2019, 27, 23-33.	0.6	13
16	Phenotypic Spectrum of HCN4 Mutations. Circulation Genomic and Precision Medicine, 2018, 11, e002033.	1.6	18
17	Unexplained Cardiac Arrest in an Apparently Healthy Young Woman. Circulation, 2018, 137, 1863-1866.	1.6	2
18	Exome analysis in 34 sudden unexplained death (SUD) victims mainly identified variants in channelopathy-associated genes. International Journal of Legal Medicine, 2018, 132, 1057-1065.	1.2	38

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19	Arrhythmogenic right ventricular cardiomyopathy vs. dilated cardiomyopathy: implications for next-generation sequencing and microRNA regulation in appropriate diagnosisâ€"Authors' reply. Europace, 2018, 20, 730-730.	0.7	0
20	Unexplained cardiac arrest: a tale of conflicting interpretations of KCNQ1 genetic test results. Clinical Research in Cardiology, 2018, 107, 670-678.	1.5	6
21	Lateâ€onset severe long QT syndrome. Annals of Noninvasive Electrocardiology, 2018, 23, e12517.	0.5	1
22	An autoantibody identifies arrhythmogenic right ventricular cardiomyopathy and participates in its pathogenesis. European Heart Journal, 2018, 39, 3932-3944.	1.0	114
23	Four TRPM4 Cation Channel Mutations Found in Cardiac Conduction Diseases Lead to Altered Protein Stability. Frontiers in Physiology, 2018, 9, 177.	1.3	40
24	Translating emerging molecular genetic insights into clinical practice in inherited cardiomyopathies. Journal of Molecular Medicine, 2018, 96, 993-1024.	1.7	11
25	Arrhythmogenic right ventricular cardiomyopathy: implications of next-generation sequencing in appropriate diagnosis. Europace, 2017, 19, euw098.	0.7	31
26	Post-mortem whole-exome analysis in a large sudden infant death syndrome cohort with a focus on cardiovascular and metabolic genetic diseases. European Journal of Human Genetics, 2017, 25, 404-409.	1.4	98
27	Sex hormones affect outcome in arrhythmogenic right ventricular cardiomyopathy/dysplasia: from a stem cell derived cardiomyocyte-based model to clinical biomarkers of disease outcome. European Heart Journal, 2017, 38, 1498-1508.	1.0	109
28	Sports-related sudden cardiac deaths in the young population of Switzerland. PLoS ONE, 2017, 12, e0174434.	1.1	24
29	Failure rate and conductor externalization in the Biotronik Linox/Sorin Vigila implantable cardioverter-defibrillator lead. Heart Rhythm, 2016, 13, 1075-1082.	0.3	25
30	Myocardial expression profiles of candidate molecules in patients with arrhythmogenic right ventricular cardiomyopathy/dysplasia compared to those with dilated cardiomyopathy and healthy controls. Heart Rhythm, 2016, 13, 731-741.	0.3	32
31	Post-mortem whole-exome sequencing (WES) with a focus on cardiac disease-associated genes in five young sudden unexplained death (SUD) cases. International Journal of Legal Medicine, 2016, 130, 1011-1021.	1.2	26
32	Arrhythmogenic Left Ventricular Cardiomyopathy. Circulation, 2015, 132, e38-40.	1.6	10
33	Different Prognostic Value of Functional Right Ventricular Parameters in Arrhythmogenic Right Ventricular Cardiomyopathy/Dysplasia. Circulation: Cardiovascular Imaging, 2014, 7, 230-239.	1.3	82
34	Disease Caused by Mutations in NaV-Î² Subunit Genes. Cardiac Electrophysiology Clinics, 2014, 6, 785-795.	0.7	0
35	Genetic association study of QT interval highlights role for calcium signaling pathways in myocardial repolarization. Nature Genetics, 2014, 46, 826-836.	9.4	281
36	Usefulness of Electrocardiographic Parameters for Risk Prediction in Arrhythmogenic Right Ventricular Dysplasia. American Journal of Cardiology, 2014, 113, 1728-1734.	0.7	54

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37	Clinical Role of Atrial Arrhythmias in Patients With Arrhythmogenic Right Ventricular Dysplasia. Circulation Journal, 2014, 78, 2854-2861.	0.7	35
38	Usefulness of Inducible Ventricular Tachycardia to Predict Long-Term Adverse Outcomes in Arrhythmogenic Right Ventricular Cardiomyopathy. American Journal of Cardiology, 2013, 111, 250-257.	0.7	59
39	Right Ventricle Best Predicts the Race Performance in Amateur Ironman Athletes. Medicine and Science in Sports and Exercise, 2013, 45, 1593-1599.	0.2	11
40	A novel rare variant in SCN1Bb linked to Brugada syndrome and SIDS by combined modulation of Na 1.5 and K 4.3 channel currents. Heart Rhythm, 2012, 9, 760-769.	0.3	104
41	Cardiac Channel Molecular Autopsy: Insights From 173 Consecutive Cases of Autopsy-Negative Sudden Unexplained Death Referred for Postmortem Genetic Testing. Mayo Clinic Proceedings, 2012, 87, 524-539.	1.4	235
42	Spectrum and Prevalence of Mutations Involving BrS1- Through BrS12-Susceptibility Genes in a Cohort of Unrelated Patients Referred for Brugada Syndrome Genetic Testing. Journal of the American College of Cardiology, 2012, 60, 1410-1418.	1.2	193
43	Unexplained Drownings and the Cardiac Channelopathies: A Molecular Autopsy Series. Mayo Clinic Proceedings, 2011, 86, 941-947.	1.4	75
44	LQTS-associated mutation A257G in Î±1-syntrophin interacts with the intragenic variant P74L to modify its biophysical phenotype. Neurology International, 2011, 1, 13.	0.2	9
45	Loss-of-Function Mutations in the KCNJ8 -Encoded Kir6.1 K _{ATP} Channel and Sudden Infant Death Syndrome. Circulation: Cardiovascular Genetics, 2011, 4, 510-515.	5.1	57
46	Loss-of-function mutation of the SCN3B-encoded sodium channel Â3 subunit associated with a case of idiopathic ventricular fibrillation. Cardiovascular Research, 2010, 86, 392-400.	1.8	77
47	Gain-of-function mutation S422L in the KCNJ8-encoded cardiac KATP channel Kir6.1 as a pathogenic substrate for J-wave syndromes. Heart Rhythm, 2010, 7, 1466-1471.	0.3	250
48	Sudden infant death syndromeâ€“associated mutations in the sodium channel beta subunits. Heart Rhythm, 2010, 7, 771-778.	0.3	107
49	Î±1-Syntrophin Mutations Identified in Sudden Infant Death Syndrome Cause an Increase in Late Cardiac Sodium Current. Circulation: Arrhythmia and Electrophysiology, 2009, 2, 667-676.	2.1	88
50	The RYR2-Encoded Ryanodine Receptor/Calcium Release Channel in Patients Diagnosed Previously With Either Catecholaminergic Polymorphic Ventricular Tachycardia or Genotype Negative, Exercise-Induced Long QT Syndrome. Journal of the American College of Cardiology, 2009, 54, 2065-2074.	1.2	303
51	Unique mixed phenotype and unexpected functional effect revealed by novel compound heterozygosity mutations involving SCN5A. Heart Rhythm, 2009, 6, 1170-1175.	0.3	20
52	Association of Congenital, Diffuse Electrical Disease in Children with Normal Heart: Sick Sinus Syndrome, Intraventricular Conduction Block, and Monomorphic Ventricular Tachycardia. Journal of Cardiovascular Electrophysiology, 2008, 19, 550-555.	0.8	17
53	Syntrophin mutation associated with long QT syndrome through activation of the nNOSâ€“SCN5A macromolecular complex. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 9355-9360.	3.3	307
54	A novel C-terminal truncation SCN5A mutation from a patient with sick sinus syndrome, conduction disorder and ventricular tachycardia. Cardiovascular Research, 2007, 76, 409-417.	1.8	36

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55	SCN4B -Encoded Sodium Channel Î²4 Subunit in Congenital Long-QT Syndrome. Circulation, 2007, 116, 134-142.	1.6	375