Marina Cerrone

List of Publications by Year
in descending order

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63 papers	4,137 citations	201674 27 h-index	197818 49 g-index
66 all docs	66 docs citations	66 times ranked	4278 citing authors

#	Article	IF	Citations
1	Left Cardiac Sympathetic Denervation in the Management of High-Risk Patients Affected by the Long-QT Syndrome. Circulation, 2004, 109, 1826-1833.	1.6	600
2	Genetic Testing in the Long QT Syndrome. JAMA - Journal of the American Medical Association, 2005, 294, 2975.	7.4	413
3	Missense Mutations in Plakophilin-2 Cause Sodium Current Deficit and Associate With a Brugada Syndrome Phenotype. Circulation, 2014, 129, 1092-1103.	1.6	305
4	Arrhythmogenic Mechanisms in a Mouse Model of Catecholaminergic Polymorphic Ventricular Tachycardia. Circulation Research, 2007, 101, 1039-1048.	4.5	252
5	Bidirectional Ventricular Tachycardia and Fibrillation Elicited in a Knock-In Mouse Model Carrier of a Mutation in the Cardiac Ryanodine Receptor. Circulation Research, 2005, 96, e77-82.	4.5	247
6	Sodium current deficit and arrhythmogenesis in a murine model of plakophilin-2 haploinsufficiency. Cardiovascular Research, 2012, 95, 460-468.	3.8	182
7	Plakophilin-2 is required for transcription of genes that control calcium cycling and cardiac rhythm. Nature Communications, 2017, 8, 106.	12.8	149
8	Multilevel analyses of SCN5A mutations in arrhythmogenic right ventricular dysplasia/cardiomyopathy suggest non-canonical mechanisms for disease pathogenesis. Cardiovascular Research, 2017, 113, 102-111.	3.8	148
9	Up-regulation of the inward rectifier K+current (IK1) in the mouse heart accelerates and stabilizes rotors. Journal of Physiology, 2007, 578, 315-326.	2.9	137
10	KCNJ2 mutation in short QT syndrome 3 results in atrial fibrillation and ventricular proarrhythmia. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 4291-4296.	7.1	130
11	Efficacy of Flecainide in the Treatment of Catecholaminergic Polymorphic Ventricular Tachycardia. JAMA Cardiology, 2017, 2, 759.	6.1	127
12	Calmodulin mutations and life-threatening cardiac arrhythmias: insights from the International Calmodulinopathy Registry. European Heart Journal, 2019, 40, 2964-2975.	2.2	116
13	Desmosomes and the sodium channel complex: Implications for arrhythmogenic cardiomyopathy and Brugada syndrome. Trends in Cardiovascular Medicine, 2014, 24, 184-190.	4.9	114
14	Genetics of sudden death: focus on inherited channelopathies. European Heart Journal, 2011, 32, 2109-2118.	2.2	106
15	Arrhythmogenic cardiomyopathy and Brugada syndrome: Diseases of the connexome. FEBS Letters, 2014, 588, 1322-1330.	2.8	106
16	Catecholaminergic polymorphic ventricular tachycardia: A paradigm to understand mechanisms of arrhythmias associated to impaired Ca2+ regulation. Heart Rhythm, 2009, 6, 1652-1659.	0.7	102
17	Beyond the One Geneâ€“One Disease Paradigm. Circulation, 2019, 140, 595-610.	1.6	101
18	Genetically engineered SCN5A mutant pig hearts exhibit conduction defects and arrhythmias. Journal of Clinical Investigation, 2015, 125, 403-412.	8.2	93

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19	Disruption of Ca ²⁺ _i Homeostasis and Connexin 43 Hemichannel Function in the Right Ventricle Precedes Overt Arrhythmogenic Cardiomyopathy in Plakophilin-2â€“Deficient Mice. Circulation, 2019, 140, 1015-1030.	1.6	81
20	Relationship Between Arrhythmogenic Right Ventricular Cardiomyopathy and Brugada Syndrome. Circulation: Arrhythmia and Electrophysiology, 2016, 9, e003631.	4.8	78
21	Genome-wide association analyses identify new Brugada syndrome risk loci and highlight a new mechanism of sodium channel regulation in disease susceptibility. Nature Genetics, 2022, 54, 232-239.	21.4	55
22	Connexin43 contributes to electrotonic conduction across scar tissue in the intact heart. Scientific Reports, 2016, 6, 26744.	3.3	49
23	Universal scaling law of electrical turbulence in the mammalian heart. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 20985-20989.	7.1	47
24	Plakophilin-2 Truncation Variants in Patients Clinically Diagnosed With Catecholaminergic Polymorphic Ventricular Tachycardia and Decedents With Exercise-Associated Autopsy Negative Sudden Unexplained Death inÂthe Young. JACC: Clinical Electrophysiology, 2019, 5, 120-127.	3.2	39
25	Genetics of ion-channel disorders. Current Opinion in Cardiology, 2012, 27, 242-252.	1.8	36
26	Desmosomal junctions are necessary for adult sinus node function. Cardiovascular Research, 2016, 111, 274-286.	3.8	33
27	Electrocardiographic features of sudden unexpected death in epilepsy. Epilepsia, 2016, 57, e135-9.	5.1	28
28	Arrhythmogenic right ventricular cardiomyopathy and sports activity: from molecular pathways in diseased hearts to new insights into the athletic heart mimicry. European Heart Journal, 2021, 42, 1231-1243.	2.2	27
29	A Clinical Approach to Inherited Arrhythmias. Circulation: Cardiovascular Genetics, 2012, 5, 581-590.	5.1	26
30	Pleiotropic Phenotypes Associated With PKP2 Variants. Frontiers in Cardiovascular Medicine, 2018, 5, 184.	2.4	23
31	Arrhythmogenic cardiomyopathy: An in-depth look at molecular mechanisms and clinical correlates. Trends in Cardiovascular Medicine, 2021, 31, 395-402.	4.9	23
32	ECG non-specific ST-T and QTc abnormalities in patients with systemic lupus erythematosus compared with rheumatoid arthritis. Lupus Science and Medicine, 2016, 3, e000168.	2.7	20
33	Role of plakophilin-2 expression on exercise-related progression of arrhythmogenic right ventricular cardiomyopathy: a translational study. European Heart Journal, 2022, 43, 1251-1264.	2.2	19
34	Exercise Causes Arrhythmogenic Remodeling of Intracellular Calcium Dynamics in Plakophilin-2â€“Deficient Hearts. Circulation, 2022, 145, 1480-1496.	1.6	18
35	Transcriptomic Coupling of PKP2 With Inflammatory and Immune Pathways Endogenous to Adult Cardiac Myocytes. Frontiers in Physiology, 2020, 11, 623190.	2.8	15
36	The genetic architecture of Plakophilin 2 cardiomyopathy. Genetics in Medicine, 2021, 23, 1961-1968.	2.4	13

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37	The Genetics of Brugada Syndrome. Annual Review of Genomics and Human Genetics, 2022, 23, 255-274.	6.2	13
38	Implantable Loop Recorder in Inherited Arrhythmia Diseases. JACC: Clinical Electrophysiology, 2018, 4, 1372-1374.	3.2	12
39	Blockade of the Adenosine 2A Receptor Mitigates the Cardiomyopathy Induced by Loss of Plakophilin-2 Expression. Frontiers in Physiology, 2018, 9, 1750.	2.8	11
40	Controversies in Brugada syndrome. Trends in Cardiovascular Medicine, 2018, 28, 284-292.	4.9	10
41	Sudden Cardiac Arrest in a Patient With Mitral Valve Prolapse and LMNA and SCN5A Mutations. JACC: Case Reports, 2021, 3, 242-246.	0.6	7
42	Exercise: A Risky Subject in Arrhythmogenic Cardiomyopathy. Journal of the American Heart Association, 2018, 7, .	3.7	5
43	Management of Congenital Long-QT Syndrome: Commentary From the Experts. Circulation: Arrhythmia and Electrophysiology, 2021, 14, e009726.	4.8	5
44	Routine electrocardiogram and medical history in syncope: a simple approach can identify most high-risk patients. Europace, 2009, 11, 1411-1412.	1.7	4
45	Molecular autopsy: using the discovery of a novel de novo pathogenic variant in the KCNH2 gene to inform healthcare of surviving family. Heliyon, 2018, 4, e01015.	3.2	4
46	The Intercalated Disc. , 2018, , 198-211.		2
47	The case for quinidine: Management of electrical storm in refractory ventricular fibrillation. HeartRhythm Case Reports, 2020, 6, 375-377.	0.4	2
48	Editorial commentary: Non-invasive tools for risk stratification and treatment in Brugada syndrome: Less is more?. Trends in Cardiovascular Medicine, 2021, 31, 330-331.	4.9	1
49	Overexpression of the inward rectifier K+ current (I K1) accelerates and stabilizes rotors. FASEB Journal, 2007, 21, A1157.	0.5	1
50	ICD shocks and complications in patients with inherited arrhythmia syndromes. IJC Heart and Vasculature, 2021, 37, 100908.	1.1	1
51	AB1-6. Heart Rhythm, 2006, 3, S2-S3.	0.7	0
52	Catecholaminergic Polymorphic Ventricular Tachycardia. Cardiac Electrophysiology Clinics, 2010, 2, 521-531.	1.7	0
53	Risk indicators in long QT syndrome: Does location matter?. Heart Rhythm, 2012, 9, 899-900.	0.7	0
54	Discerning From the Good, the Bad, and the Ugly. Circulation: Arrhythmia and Electrophysiology, 2017, 10, .	4.8	0

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55	GENETIC TESTING FOR DIAGNOSIS OF PROGRESSIVE CARDIAC CONDUCTION DISEASE. Journal of the American College of Cardiology, 2017, 69, 2283.	2.8	0
56	Multimodality Imaging of Danon Disease in a Patient with a Novel LAMP2 Mutation. Case, 2019, 3, 235-238.	0.3	0
57	Impact of RNA testing on cardiac variant interpretation and patient management. HeartRhythm Case Reports, 2019, 5, 402-406.	0.4	0
58	4965Non-transcriptional disruption of Ca2+i homeostasis and Cx43 function in the right ventricle precedes overt arrhythmogenic cardiomyopathy in PKP2-deficient mice. European Heart Journal, 2019, 40, .	2.2	0
59	Pseudopolymorphic Wide Complex Tachycardia in a Child With LongÂQTÂSyndrome. JACC: Case Reports, 2020, 2, 591-594.	0.6	0
60	The Intercalated Disc. , 2014, , 215-227.		0
61	Phenotypic Expression and Genetics of J Wave Syndrome in the Early Stage of Arrhythmogenic Right Ventricular Cardiomyopathy. , 2016, , 259-280.		0
62	Genetically modified animals as tools to personalize the study of arrhythmia mechanisms and treatment. , 2018, , 3001-3003.		0
63	Abstract 14500: Physical Activity in Individuals With the Long Qt Syndrome: Baseline Data From the Lifestyle and Exercise in Long Qt Study (live Lqts). Circulation, 2020, 142, .	1.6	0