Andreu Porta-Sanchez

List of Publications by Year
in descending order

61 papers	1,106 citations	430874 18 h-index	414414 32 g-index
63 all docs	63 docs citations	63 times ranked	1784 citing authors

#	Article	IF	Citations
1	Human Embryonic Stem Cell-Derived Cardiomyocytes Regenerate the Infarcted Pig Heart but Induce Ventricular Tachyarrhythmias. Stem Cell Reports, 2019, 12, 967-981.	4.8	207
2	Incidence, Diagnosis, and Management of QT Prolongation Induced by Cancer Therapies: A Systematic Review. Journal of the American Heart Association, 2017, 6, .	3.7	130
3	ESC Core Curriculum for the General Cardiologist (2013). European Heart Journal, 2013, 34, 2381-2411.	2.2	75
4	Decrement Evoked Potential Mapping. Circulation: Arrhythmia and Electrophysiology, 2015, 8, 1433-1442.	4.8	72
5	Multicenter Study of Ischemic VentricularÂTachycardia Ablation WithÂDecrement-Evoked Potential (DEEP)ÂMapping With Extra Stimulus. JACC: Clinical Electrophysiology, 2018, 4, 307-315.	3.2	69
6	Variable Arrangement of the Atrioventricular Conduction Axis WithinÂthe Triangle of Koch. JACC: Clinical Electrophysiology, 2020, 6, 362-377.	3.2	45
7	Resolving Bipolar Electrogram Voltages During Atrial Fibrillation Using Omnipolar Mapping. Circulation: Arrhythmia and Electrophysiology, 2017, 10, .	4.8	42
8	High-resolution, live, directional mapping. Heart Rhythm, 2020, 17, 1621-1628.	0.7	30
9	T-Wave Morphology Analysis in CongenitalÂLong QT Syndrome Discriminates Patients From HealthyÂIndividuals. JACC: Clinical Electrophysiology, 2017, 3, 374-381.	3.2	29
10	Omnipolarity applied to equi-spaced electrode array for ventricular tachycardia substrate mapping. Europace, 2019, 21, 813-821.	1.7	28
11	Effects of Renal Artery Denervation on Ventricular Arrhythmias in a Postinfarct Model. Circulation: Cardiovascular Interventions, 2017, 10, e004172.	3.9	26
12	Effect of spatial resolution and filtering on mapping cardiac fibrillation. Heart Rhythm, 2017, 14, 608-615.	0.7	22
13	Focal source and trigger mapping in atrial fibrillation: Randomized controlled trial evaluating a novel adjunctive ablation strategy. Heart Rhythm, 2020, 17, 683-691.	0.7	22
14	Determinants of atrial bipolar voltage: Inter electrode distance and wavefront angle. Computers in Biology and Medicine, 2018, 102, 449-457.	7.0	21
15	Tracking Down the Anatomy of the LeftÂBundle Branch to Optimize LeftÂBundle Branch Pacing. JACC: Case Reports, 2020, 2, 750-755.	0.6	21
16	Mortality Implications of Appropriate Implantable Cardioverter Defibrillator Therapy in Secondary Prevention Patients: Contrasting Mortality in Primary Prevention Patients From a Prospective Populationâ€Based Registry. Journal of the American Heart Association, 2017, 6, .	3.7	20
17	Sex Differences in Timeliness of Reperfusion in Young Patients With STâ€Segmentâ€"Elevation Myocardial Infarction by Initial Electrocardiographic Characteristics. Journal of the American Heart Association, 2018, 7, .	3.7	20
18	Physiological Assessment of Ventricular Myocardial Voltage Using Omnipolar Electrograms. Journal of the American Heart Association, 2017, 6, .	3.7	19

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19	Hemodynamic Management of Patients During Endovascular Treatment of Acute Ischemic Stroke Under Conscious Sedation: A Retrospective Cohort Study. Journal of Neurosurgical Anesthesiology, 2019, 31, 299-305.	1.2	19
20	Constrictive Pericarditis: Etiologic Spectrum, Patterns of Clinical Presentation, Prognostic Factors, and Long-term Follow-up. Revista Espanola De Cardiologia (English Ed), 2015, 68, 1092-1100.	0.6	14
21	Spanish Catheter Ablation Registry. 18th Official Report of the Spanish Society of Cardiology Working Group on Electrophysiology and Arrhythmias (2018). Revista Espanola De Cardiologia (English Ed), 2019, 72, 1031-1042.	0.6	13
22	The Atrioventricular Conduction Axis and its Implications for Permanent Pacing. Arrhythmia and Electrophysiology Review, 2021, 10, 181-189.	2.4	13
23	Reinserting Physiology into Cardiac Mapping Using Omnipolar Electrograms. Cardiac Electrophysiology Clinics, 2019, 11, 525-536.	1.7	12
24	Essential role of ryanodine receptor 2 phosphorylation in the effect of azumolene on ventricular arrhythmia vulnerability in a rabbit heart model. Journal of Cardiovascular Electrophysiology, 2018, 29, 1707-1715.	1.7	11
25	Exit sites on the epicardium rarely subtend critical diastolic path of ischemic VT on the endocardium: Implications for noninvasive ablation. Journal of Cardiovascular Electrophysiology, 2019, 30, 520-527.	1.7	9
26	Transient apical ballooning complicated with left ventricular thrombus and repeated embolic events with fatal outcome despite anticoagulant therapy. International Journal of Cardiology, 2013, 165, e11-e12.	1.7	8
27	Safety, efficacy, and monitoring of bipolar radiofrequency ablation in beating myopathic human and healthy swine hearts. Heart Rhythm, 2021, 18, 1772-1779.	0.7	8
28	Quantifying the determinants of decremental response in critical ventricular tachycardia substrate. Computers in Biology and Medicine, 2018, 102, 260-266.	7.0	7
29	Direct and indirect mapping of intramural space in ventricular tachycardia. Heart Rhythm, 2020, 17, 439-446.	0.7	7
30	Comparison of Electrocardiographic Characteristics in Men Versus Womenâ€‰â‰â€‰55 Years With Acute Myocardial Infarction (a Variation in Recovery: Role of Gender on Outcomes of Young Acute) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 297 T	[illegible]	[illegible]
31	Twisting and Turning to Find an Explanation for Torsades de Pointes. JACC: Clinical Electrophysiology, 2017, 3, 1577-1579.	3.2	6
32	Decrement Evoked Potential Mapping to Guide Ventricular Tachycardia Ablation: Elucidating the Functional Substrate. Arrhythmia and Electrophysiology Review, 2020, 9, 211-218.	2.4	6
33	The effect of left ventricular pacing on transmural activation delay in myopathic human hearts. Europace, 2018, 20, 719-728.	1.7	4
34	Quantification of abnormal QRS peaks predicts response to cardiac resynchronization therapy and tracks structural remodeling. PLoS ONE, 2019, 14, e0217875.	2.5	4
35	Health Care Utilization After Ventricular Tachycardia Ablation: A Propensity Score-Matched Cohort Study. Canadian Journal of Cardiology, 2019, 35, 169-177.	1.7	4
36	Plasma B-type natriuretic peptide levels are poorly related to the occurrence of ischemia or ventricular arrhythmias during symptom-limited exercise in low-risk patients. Archives of Medical Science, 2016, 2, 341-348.	0.9	3

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37	Transbaffle Multielectrode Mapping of Atrial Flutter Postâ€Double Switch Operation. Journal of Cardiovascular Electrophysiology, 2016, 27, 1240-1241.	1.7	3
38	Atrial decremental evoked potentials accurately determine the critical isthmus of intra-atrial re-entrant tachycardia. Europace, 2018, 20, 1620-1620.	1.7	3
39	Lateral tunnel Fontan atrial tachycardia ablation trans-baffle access is not mandatory as the initial strategy. Journal of Interventional Cardiac Electrophysiology, 2020, 58, 299-306.	1.3	3
40	CARDIAC REGENERATION WITH HUMAN EMBRYONIC STEM CELL-DERIVED CARDIOMYOCYTES IN INFARCTED SWINE IS ASSOCIATED WITH VENTRICULAR TACHYCARDIA THAT HAS FOCAL PATTERN OF ACTIVATION. Canadian Journal of Cardiology, 2018, 34, S187-S188.	1.7	2
41	Reduced T wave alternans in heart failure responders to cardiac resynchronization therapy: Evidence of electrical remodeling. PLoS ONE, 2018, 13, e0199637.	2.5	2
42	Percutaneous Closure of Baffle Leaks in Patients With Atrial Switch Operation for D-Transposition of the Great Arteries. Revista Espanola De Cardiologia (English Ed), 2014, 67, 671-674.	0.6	1
43	DRAG AND MAP STRATEGY FOR DYNAMIC DETECTION OF DISEASED MYOCARDIUM: INNOVATIVE OMNIPOLAR APPLICATION WITH ADVISOR HD GRID. Canadian Journal of Cardiology, 2018, 34, S101.	1.7	1
44	IDENTIFYING SURVIVING MYOCARDIAL TRACTS WITHIN INFARCTED REGIONS IN AN IN VIVO SWINE MODEL USING OMNIPOLAR METHODOLOGY. Canadian Journal of Cardiology, 2018, 34, S100.	1.7	1
45	Genetic Abnormalities of the Sinoatrial Node and Atrioventricular Conduction. Cardiac Electrophysiology Clinics, 2021, 13, 625-639.	1.7	1
46	Clinical presentation, diagnostic features and surgical findings in a contemporary series of operated constrictive pericarditis. European Heart Journal, 2013, 34, P4482-P4482.	2.2	0
47	Thirty year experience of constrictive pericarditis: one-hundred and forty cases with a long-term follow-up. European Heart Journal, 2013, 34, P4487-P4487.	2.2	0
48	Letter by Jackson et al Regarding, â€œPR Interval Identifies Clinical Response in Patients With Non-Left Bundle Branch Block: A Multicenter Automatic Defibrillator Implantation Trial-Cardiac Resynchronization Therapy Substudyâ€•by Kutyifa et al. Circulation: Arrhythmia and Electrophysiology, 2014, 7, 1279-1279.	4.8	0
49	Cierre percutÃ¡neo de comunicaciones interauriculares en pacientes con cirugÃa de switch auricular para la D-transposiciÃ³n de grandes arterias. Revista Espanola De Cardiologia, 2014, 67, 671-674.	1.2	0
50	USING TIMING RELATIONSHIPS OF SINGLE DIASTOLIC ELECTROGRAMS DURING RAPID ACTIVATION MAPPING TOÂDETERMINE CRITICAL SITE DURING VENTRICULAR TACHYCARDIA ABLATION. Canadian Journal of Cardiology, 2015, 31, S288-S289.	1.7	0
51	To the Editorâ€"Supernormal conduction or masked bundle branch block?. Heart Rhythm, 2015, 12, e34.	0.7	0
52	RENAL SYMPATHETIC DENERVATION FOLLOWING MYOCARDIAL INFARCTION AND ITS SUBSEQUENT CARDIAC ELECTROPHYSIOLOGICAL EFFECTS. Canadian Journal of Cardiology, 2015, 31, S238.	1.7	0
53	A METHOD TO IDENTIFY ZIG-ZAG CONDUCTION IN SINUS RHYTHM: A NEW TOOL FOR VENTRICULAR TACHYCARDIA ABLATION. Canadian Journal of Cardiology, 2015, 31, S253-S254.	1.7	0
54	56-71: Long-term Cardiac Resynchronization Therapy Reduces T-wave Alternans in Patients with Cardiomyopathy. Europace, 2016, 18, i50-i50.	1.7	0

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55	Hierarchical analysis of electrograms to guide termination of persistent atrial fibrillation. HeartRhythm Case Reports, 2017, 3, 22-26.	0.4	0
56	REGENERATING THE INFARCTED PIG HEART WITH HUMAN EMBRYONIC STEM CELL-DERIVED CARDIOMYOCYTES INDUCES VENTRICULAR TACHYARRHYTHMIAS. Canadian Journal of Cardiology, 2018, 34, S140-S141.	1.7	0
57	Relevant Anatomic Determinants for Epicardial Left Atrial Appendage Exclusion. Journal of the American College of Cardiology, 2019, 73, 380-381.	2.8	0
58	Reduction of Left Ventricular Dilation Beyond the First Year After Anterior Myocardial Infarction. Journal of Cardiac Failure, 2019, 25, 645-653.	1.7	0
59	Beyond High-Density Mapping. JACC: Clinical Electrophysiology, 2020, 6, 324-326.	3.2	0
60	Automated Functional Substrate Mapping. JACC: Clinical Electrophysiology, 2020, 6, 1794-1796.	3.2	0
61	Mechanism of and strategy to mitigate liraglutide-mediated positive chronotropy. Life Sciences, 2021, 282, 119815.	4.3	0