

David Calvo

List of Publications by Year in descending order

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57
papers

1,087
citations

516561

16
h-index

414303

32
g-index

60
all docs

60
docs citations

60
times ranked

1432
citing authors

#	ARTICLE	IF	CITATIONS
1	Cardiac fibrillation: From ion channels to rotors in the human heart. <i>Heart Rhythm</i> , 2008, 5, 872-879.	0.3	186
2	Mechanisms of Fractionated Electrograms Formation in the Posterior Left Atrium During Paroxysmal Atrial Fibrillation in Humans. <i>Journal of the American College of Cardiology</i> , 2011, 57, 1081-1092.	1.2	105
3	Atrial Septopulmonary Bundle of the Posterior Left Atrium Provides a Substrate for Atrial Fibrillation Initiation in a Model of Vagally Mediated Pulmonary Vein Tachycardia of the Structurally Normal Heart. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2008, 1, 175-183.	2.1	87
4	Atrioventricular Conduction Disturbance Characterization in Transcatheter Aortic Valve Implantation With the CoreValve Prosthesis. <i>Circulation: Cardiovascular Interventions</i> , 2011, 4, 280-286.	1.4	81
5	Substrate Ablation vs Antiarrhythmic Drug Therapy for Symptomatic Ventricular Tachycardia. <i>Journal of the American College of Cardiology</i> , 2022, 79, 1441-1453.	1.2	75
6	Mechanisms and Drug Development in Atrial Fibrillation. <i>Pharmacological Reviews</i> , 2018, 70, 505-525.	7.1	67
7	Safety, Long-Term Results, and Predictors of Recurrence After Complete Endocardial Ventricular Tachycardia Substrate Ablation in Patients With Previous Myocardial Infarction. <i>American Journal of Cardiology</i> , 2013, 111, 499-505.	0.7	47
8	Ablation of Rotor Domains Effectively Modulates Dynamics of Human. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2017, 10, .	2.1	43
9	Differential methylation of lncRNA <i>KCNQ1OT1</i> promoter polymorphism was associated with symptomatic cardiac long QT. <i>Epigenomics</i> , 2017, 9, 1049-1057.	1.0	27
10	Identification of Dominant Excitation Patterns and Sources of Atrial Fibrillation by Causality Analysis. <i>Annals of Biomedical Engineering</i> , 2016, 44, 2364-2376.	1.3	23
11	The dilemma of surgical or percutaneous approach in aortic stenosis: A reliable risk score is needed. <i>American Heart Journal</i> , 2010, 160, e1.	1.2	21
12	Differences in Ventriculoatrial Intervals During Entrainment and Tachycardia: A Simpler Method for Distinguishing Paroxysmal Supraventricular Tachycardia with Long Ventriculoatrial Intervals. <i>Journal of Cardiovascular Electrophysiology</i> , 2011, 22, 915-921.	0.8	20
13	High-rate pacing-induced atrial fibrillation effectively reveals properties of spontaneously occurring paroxysmal atrial fibrillation in humans. <i>Europace</i> , 2012, 14, 1560-1566.	0.7	20
14	KCNQ1 gene variants in the risk for type 2 diabetes and impaired renal function in the Spanish Renastur cohort. <i>Molecular and Cellular Endocrinology</i> , 2016, 427, 86-91.	1.6	19
15	Analysis of the High-Frequency Content in Human QRS Complexes by the Continuous Wavelet Transform: An Automatized Analysis for the Prediction of Sudden Cardiac Death. <i>Sensors</i> , 2018, 18, 560.	2.1	16
16	A scoring algorithm for the accurate differential diagnosis of regular wide QRS complex tachycardia. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2019, 42, 625-633.	0.5	16
17	Time-dependent responses to provocative testing with flecainide in the diagnosis of Brugada syndrome. <i>Heart Rhythm</i> , 2015, 12, 350-357.	0.3	15
18	Moderate Patient-Prosthesis Mismatch Predicts Cardiac Events and Advanced Functional Class in Young and Middle-Aged Patients Undergoing Surgery Due to Severe Aortic Stenosis. <i>Journal of Cardiac Surgery</i> , 2014, 29, 127-133.	0.3	14

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19	The Prevalence of Patient-Prosthesis Mismatch Can Be Reduced Using the Trifecta Aortic Prosthesis. <i>Annals of Thoracic Surgery</i> , 2018, 105, 144-151.	0.7	13
20	Long-term prognosis of women with Brugada syndrome and electrophysiological study. <i>Heart Rhythm</i> , 2021, 18, 664-671.	0.3	13
21	Bloqueo intrahisiano durante el implante de la prótesis aórtica percutánea CoreValve. <i>Revista Española De Cardiología</i> , 2011, 64, 168-169.	0.6	12
22	Insights for Stratification of Risk in Brugada Syndrome. <i>European Cardiology Review</i> , 2019, 14, 45-49.	0.7	12
23	Hypertrophic cardiomyopathy and athlete's heart: a tale of two entities. <i>European Journal of Echocardiography</i> , 2009, 10, 151-153.	2.3	11
24	Surveillance after cardiac arrest in patients with Brugada syndrome without an implantable defibrillator: An alarm effect of the previous syncope. <i>International Journal of Cardiology</i> , 2016, 218, 69-74.	0.8	11
25	Ventricular Tachycardia and Early Fibrillation in Patients With Brugada Syndrome and Ischemic Cardiomyopathy Show Predictable Frequency-Phase Properties on the Precordial ECG Consistent With the Respective Arrhythmogenic Substrate. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2015, 8, 1133-1143.	2.1	10
26	Role of syncope in predicting adverse outcomes in patients with suspected Brugada syndrome undergoing standardized flecainide testing. <i>Europace</i> , 2018, 20, f64-f71.	0.7	9
27	Antitachycardia pacing for shock prevention in patients with hypertrophic cardiomyopathy and ventricular tachycardia. <i>Heart Rhythm</i> , 2020, 17, 1084-1091.	0.3	8
28	Differential Responses of the Septal Ventricle and the Atrial Signals During Ongoing Entrainment. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2015, 8, 1201-1209.	2.1	7
29	The QT Interval Dynamic in a Human Experimental Model of Controlled Heart Rate and QRS Widening. <i>Journal of Clinical Medicine</i> , 2019, 8, 1417.	1.0	7
30	Contraste ecocardiográfico y seguridad clínica. <i>Revista Española De Cardiología</i> , 2006, 59, 399-400.	0.6	6
31	Prevalence of positive ECG criteria in young competitive athletes: a single region experience. <i>European Heart Journal</i> , 2008, 29, 680-681.	1.0	6
32	ECG Diagnosis of Paroxysmal Supraventricular Tachycardias in Patients without Preexcitation. , 2011, 16, 85-95.		5
33	Mechanoelectric Feedback in the Ischemic Myocardium: An Interplay That Modulates Susceptibility to Fibrillation. <i>Revista Española De Cardiología (English Ed)</i> , 2013, 66, 168-170.	0.4	5
34	Characterization of a stepwise approach in cavotricuspid isthmus ablation for typical atrial flutter: A randomized study comparing three catheters. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2017, 40, 1052-1058.	0.5	5
35	Spectral analysis of electrograms in a substrate modified by radiofrequency ablation reveals similarities between organized and disorganized atrial rhythms. <i>Heart Rhythm</i> , 2014, 11, 2306-2309.	0.3	4
36	Delta of the local ventriculo-atrial intervals at the septal location to differentiate tachycardia using septal accessory pathways from atypical atrioventricular nodal re-entry. <i>Europace</i> , 2018, 20, 1638-1646.	0.7	4

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37	Spectral Analysis of the QT Interval Increases the Prediction Accuracy of Clinical Variables in Brugada Syndrome. <i>Journal of Clinical Medicine</i> , 2019, 8, 1629.	1.0	4
38	Sodium-Glucose Cotransporter-2 Inhibitors at Discharge from Cardiology Hospitalization Department: Decoding A New Clinical Scenario. <i>Journal of Clinical Medicine</i> , 2020, 9, 2600.	1.0	4
39	Inappropriate shock due to late dislocation of electrode. <i>International Journal of Cardiology</i> , 2015, 199, 229-231.	0.8	3
40	An elderly Jervell and Lange-Nielsen patient heterozygous compound for two new <i>KCNQ1</i> mutations. <i>American Journal of Medical Genetics, Part A</i> , 2017, 173, 749-752.	0.7	3
41	Prediction of ventricular arrhythmias in Brugada syndrome patients: is it time for automatized electrocardiogram analysis?. <i>Europace</i> , 2020, 22, 674-674.	0.7	3
42	Retroalimentación mecánica del miocardio isquémico: un juego que modula su capacidad fibrilatoria. <i>Revista Espanola De Cardiologia</i> , 2013, 66, 168-170.	0.6	2
43	Small-Caliber Lead Failure After Generator Exchange. <i>Journal of Cardiovascular Electrophysiology</i> , 2016, 27, 846-850.	0.8	2
44	Immediate post-procedure bridging with unfractionated heparin versus low molecular weight heparin in patients undergoing radiofrequency ablation for atrial fibrillation with an interrupted oral anticoagulation strategy. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2016, 45, 149-158.	0.6	1
45	Propagation of Sinus Waves in the Atrial Architecture. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2017, 10, .	2.1	1
46	Association of age with clinical features and ablation outcomes of paroxysmal supraventricular tachycardias. <i>Heart</i> , 2022, 108, 1107-1113.	1.2	1
47	The Difficult Challenge of Assessing the Clinical Status of Octogenarians with Severe Aortic Stenosis. <i>American Journal of Cardiology</i> , 2010, 106, 753.	0.7	0
48	Letter by Lozano et al Regarding Articles, "Transcatheter Valve-in-Valve Implantation for Failed Bioprosthetic Heart Valves" and "Percutaneous Therapy for Valvular Heart Disease: A Huge Advance and a Huge Challenge to Do It Right". <i>Circulation</i> , 2011, 123, e15.	1.6	0
49	Routinary use of preoperative transthoracic echocardiography in abdominal aortic aneurysm, does it solve problems?. <i>Journal of Thoracic Disease</i> , 2017, 9, S442-S444.	0.6	0
50	Spanish Results of the Second European Cardiac Resynchronization Therapy Survey (CRT-Survey II). <i>Revista Espanola De Cardiologia (English Ed)</i> , 2019, 72, 1020-1030.	0.4	0
51	The clinical impact of untreated slow ventricular tachycardia in patients carrying implantable cardiac defibrillators. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2021, 62, 103-111.	0.6	0
52	Frequency and Phase Domains Methods for Mechanisms of Fibrillation. , 2021, , 243-257.		0
53	A comprehensive formula for computing corrected QT intervals in patients with wide QRS. <i>Journal of Electrocardiology</i> , 2021, 66, 139-147.	0.4	0
54	Ex-post correction of pacemaker mode switch episodes in undersensed atrial fibrillation. <i>Computers in Biology and Medicine</i> , 2021, 134, 104480.	3.9	0

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55	Nonpermanent atrial fibrillation in the new European Society of Cardiology guidelines. Response. Revista Espanola De Cardiologia (English Ed), 2021, 75, 104-104.	0.4	0
56	Comments on the 2021 ESC guidelines on cardiac pacing and cardiac resynchronization therapy. Revista Espanola De Cardiologia (English Ed), 2022, , .	0.4	0
57	Distinct spectral dynamics of implanted cardiac defibrillator signals in spontaneous termination of polymorphic ventricular tachycardia and fibrillation in patients with electrical and structural diseases. Europace, 0, , .	0.7	0