Jorge G Quintanilla

List of Publications by Year
in descending order

31	407	759233 12	794594 19
papers	citations	h-index	g-index

31	31	31	735
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A simple validated method for predicting the risk of hospitalization for worsening of heart failure in ambulatory patients: the Redinâ€SCORE. European Journal of Heart Failure, 2015, 17, 818-827.	7.1	50
2	Mechanistic Approaches to Detect, Target, and Ablate the Drivers of Atrial Fibrillation. Circulation: Arrhythmia and Electrophysiology, 2016, 9, e002481.	4.8	38
3	In vivo ratiometric optical mapping enables high-resolution cardiac electrophysiology in pig models. Cardiovascular Research, 2019, 115, 1659-1671.	3.8	38
4	Low-Cost Optical Mapping Systems for Panoramic Imaging of Complex Arrhythmias and Drug-Action in Translational Heart Models. Scientific Reports, 2017, 7, 43217.	3.3	34
5	Morphological and Thermodynamic Comparison of the Lesions Created by 4 Openâ€Irrigated Catheters in 2 Experimental Models. Journal of Cardiovascular Electrophysiology, 2014, 25, 1391-1399.	1.7	29
6	Differential clinical characteristics and prognosis of intraventricular conduction defects in patients with chronic heart failure. European Journal of Heart Failure, 2013, 15, 877-884.	7.1	27
7	Instantaneous Amplitude and Frequency Modulations Detect the Footprint of Rotational Activity and Reveal Stable Driver Regions as Targets for Persistent Atrial Fibrillation Ablation. Circulation Research, 2019, 125, 609-627.	4.5	20
8	Increased intraventricular pressures are as harmful as the electrophysiological substrate of heart failure in favoring sustained reentry in the swine heart. Heart Rhythm, 2015, 12, 2172-2183.	0.7	17
9	Personalized monitoring of electrical remodelling during atrial fibrillation progression via remote transmissions from implantable devices. Europace, 2020, 22, 704-715.	1.7	16
10	Safety threshold of R-wave amplitudes in patients with implantable cardioverter defibrillator. Heart, 2016, 102, 1662-1670.	2.9	15
11	Novel approaches to mechanism-based atrial fibrillation ablation. Cardiovascular Research, 2021, 117, 1662-1681.	3.8	15
12	KATP channel opening accelerates and stabilizes rotors in a swine heart model of ventricular fibrillation. Cardiovascular Research, 2013, 99, 576-585.	3.8	13
13	Three-dimensional cardiac fibre disorganization as a novel parameter for ventricular arrhythmia stratification after myocardial infarction. Europace, 2019, 21, 822-832.	1.7	12
14	Spectral analysis-based risk score enables early prediction of mortality and cerebral performance in patients undergoing therapeutic hypothermia for ventricular fibrillation and comatose status. International Journal of Cardiology, 2015, 186, 250-258.	1.7	9
15	Entropy at the right atrium as a predictor of atrial fibrillation recurrence outcome after pulmonary vein ablation. Biomedizinische Technik, 2016, 61, 29-36.	0.8	9
16	QRS duration reflects underlying changes in conduction velocity during increased intraventricular pressure and heart failure. Progress in Biophysics and Molecular Biology, 2017, 130, 394-403.	2.9	9
17	Mapping Technologies for Catheter Ablation of Atrial Fibrillation Beyond Pulmonary Vein Isolation. European Cardiology Review, 2021, 16, e21.	2.2	9
18	La ablaciÃ³n de taquicardia intranodal con sistema de navegaciÃ³n remota StereotaxisÂ® precisa menores parÃ¡metros de temperatura y potencia por mejorÃa del contacto tisular. Revista Espanola De Cardiologia, 2009, 62, 1001-1011.	1.2	8

#	Article	IF	Citations
19	Implications of bipolar voltage mapping and magnetic resonance imaging resolution in biventricular scar characterization after myocardial infarction. Europace, 2019, 21, 163-174.	1.7	8
20	A Complete and Low-Cost Cardiac Optical Mapping System in Translational Animal Models. Frontiers in Physiology, 2021, 12, 696270.	2.8	8
21	Lesion Index Titration Using Contact-Force Technology Enables Safe and Effective Radiofrequency Lesion Creation at the Root of the Aorta and Pulmonary Artery. Circulation: Arrhythmia and Electrophysiology, 2019, 12, e007080.	4.8	6
22	Anatomical targets and expected outcomes of catheterâ€based ablation of atrial fibrillation in 2020. PACE - Pacing and Clinical Electrophysiology, 2021, 44, 341-359.	1.2	5
23	Time-efficient three-dimensional transmural scar assessment provides relevant substrate characterization for ventricular tachycardia features and long-term recurrences in ischemic cardiomyopathy. Scientific Reports, 2021, 11, 18722.	3.3	5
24	Early prognostic value of an Algorithm based on spectral Variables of Ventricular fibrillAtion from the EKG of patients with suddEn cardiac death: A multicentre observational study (AWAKE). Archivos De Cardiologia De Mexico, 2018, 88, 460-467.	0.2	3
25	Skeletal myoblast implants induce minor propagation delays, but do not promote arrhythmias in the normal swine heart. Europace, 2010, 12, 1637-1644.	1.7	2
26	Ventricular fibrillation undersensing to calculate a safety threshold for baseline rhythm R-wave amplitudes. Journal of Electrocardiology, 2018, 51, 1159-1160.	0.9	1
27	Comparison of Infinite Impulse Response (IIR) and Finite Impulse Response (FIR) Filters in Cardiac Optical Mapping Records. Communications in Computer and Information Science, 2021, , 207-224.	0.5	1
28	Not all irrigated catheters transfer heat similarly. A comparison of 4 open-irrigated catheters. European Heart Journal, 2013, 34, P4920-P4920.	2.2	0
29	Partial and combined contributions of remodelling, intra-ventricular pressure and an ionic-imbalanced and catecholaminergic milieu to ventricular arrhythmia inducibility in an experimental model of HF. European Heart Journal, 2013, 34, 5877-5877.	2.2	0
30	Towards the Dynamic Assessment of the Lesion Generation Process in an Experimental Model of Cardiac Ablation. Journal of Cardiovascular Electrophysiology, 2015, 26, E7-8.	1.7	0
31	Predictors of Luminal Loss in Pulmonary Veins After Radiofrequency Ablation. Revista Espanola De Cardiologia (English Ed), 2015, 68, 1085-1091.	0.6	0