

Jorge G Quintanilla

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3461935/publications.pdf>

Version: 2024-02-01

31
papers

407
citations

759233

12
h-index

794594

19
g-index

31
all docs

31
docs citations

31
times ranked

735
citing authors

#	ARTICLE	IF	CITATIONS
1	Anatomical targets and expected outcomes of catheter-based ablation of atrial fibrillation in 2020. PACE - Pacing and Clinical Electrophysiology, 2021, 44, 341-359.	1.2	5
2	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
3	Novel approaches to mechanism-based atrial fibrillation ablation. Cardiovascular Research, 2021, 117, 1662-1681.	3.8	15
4	Mapping Technologies for Catheter Ablation of Atrial Fibrillation Beyond Pulmonary Vein Isolation. European Cardiology Review, 2021, 16, e21.	2.2	9
5	A Complete and Low-Cost Cardiac Optical Mapping System in Translational Animal Models. Frontiers in Physiology, 2021, 12, 696270.	2.8	8
6	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
7	Personalized monitoring of electrical remodelling during atrial fibrillation progression via remote transmissions from implantable devices. Europace, 2020, 22, 704-715.	1.7	16
8	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
9	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
10	In vivo ratiometric optical mapping enables high-resolution cardiac electrophysiology in pig models. Cardiovascular Research, 2019, 115, 1659-1671.	3.8	38
11	Three-dimensional cardiac fibre disorganization as a novel parameter for ventricular arrhythmia stratification after myocardial infarction. Europace, 2019, 21, 822-832.	1.7	12
12	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
13	Ventricular fibrillation undersensing to calculate a safety threshold for baseline rhythm R-wave amplitudes. Journal of Electrocardiology, 2018, 51, 1159-1160.	0.9	1
14	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
15	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
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	Safety threshold of R-wave amplitudes in patients with implantable cardioverter defibrillator. Heart, 2016, 102, 1662-1670.	2.9	15
18	Mechanistic Approaches to Detect, Target, and Ablate the Drivers of Atrial Fibrillation. Circulation: Arrhythmia and Electrophysiology, 2016, 9, e002481.	4.8	38

#	ARTICLE	IF	CITATIONS
19	Entropy at the right atrium as a predictor of atrial fibrillation recurrence outcome after pulmonary vein ablation. <i>Biomedizinische Technik</i> , 2016, 61, 29-36.	0.8	9
20	A simple validated method for predicting the risk of hospitalization for worsening of heart failure in ambulatory patients: the Redinâ€SCORE. <i>European Journal of Heart Failure</i> , 2015, 17, 818-827.	7.1	50
21	Towards the Dynamic Assessment of the Lesion Generation Process in an Experimental Model of Cardiac Ablation. <i>Journal of Cardiovascular Electrophysiology</i> , 2015, 26, E7-8.	1.7	0
22	Predictors of Luminal Loss in Pulmonary Veins After Radiofrequency Ablation. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2015, 68, 1085-1091.	0.6	0
23	Spectral analysis-based risk score enables early prediction of mortality and cerebral performance in patients undergoing therapeutic hypothermia for ventricular fibrillation and comatose status. <i>International Journal of Cardiology</i> , 2015, 186, 250-258.	1.7	9
24	Increased intraventricular pressures are as harmful as the electrophysiological substrate of heart failure in favoring sustained reentry in the swine heart. <i>Heart Rhythm</i> , 2015, 12, 2172-2183.	0.7	17
25	Morphological and Thermodynamic Comparison of the Lesions Created by 4 Openâ€Irrigated Catheters in 2 Experimental Models. <i>Journal of Cardiovascular Electrophysiology</i> , 2014, 25, 1391-1399.	1.7	29
26	Not all irrigated catheters transfer heat similarly. A comparison of 4 open-irrigated catheters. <i>European Heart Journal</i> , 2013, 34, P4920-P4920.	2.2	0
27	KATP channel opening accelerates and stabilizes rotors in a swine heart model of ventricular fibrillation. <i>Cardiovascular Research</i> , 2013, 99, 576-585.	3.8	13
28	Differential clinical characteristics and prognosis of intraventricular conduction defects in patients with chronic heart failure. <i>European Journal of Heart Failure</i> , 2013, 15, 877-884.	7.1	27
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. <i>European Heart Journal</i> , 2013, 34, 5877-5877.	2.2	0
30	Skeletal myoblast implants induce minor propagation delays, but do not promote arrhythmias in the normal swine heart. <i>Europace</i> , 2010, 12, 1637-1644.	1.7	2
31	La ablaci3n de taquicardia intranodal con sistema de navegaci3n remota StereotaxisÂ® precisa menores par3metros de temperatura y potencia por mejor3a del contacto tisular. <i>Revista Espanola De Cardiologia</i> , 2009, 62, 1001-1011.	1.2	8