

David Filgueiras-Rama

List of Publications by Year in descending order

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66
papers

1,342
citations

394421

19
h-index

377865

34
g-index

71
all docs

71
docs citations

71
times ranked

2168
citing authors

#	ARTICLE	IF	CITATIONS
1	Paclitaxel mitigates structural alterations and cardiac conduction system defects in a mouse model of Hutchinsonian Gilford progeria syndrome. <i>Cardiovascular Research</i> , 2022, 118, 503-516.	3.8	12
2	Tbx5 variants disrupt Nav1.5 function differently in patients diagnosed with Brugada or Long QT Syndrome. <i>Cardiovascular Research</i> , 2022, 118, 1046-1060.	3.8	15
3	Human influenza A virus causes myocardial and cardiac-specific conduction system infections associated with early inflammation and premature death. <i>Cardiovascular Research</i> , 2021, 117, 876-889.	3.8	27
4	Anatomical targets and expected outcomes of catheter-based ablation of atrial fibrillation in 2020. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2021, 44, 341-359.	1.2	5
5	Influence of Baseline Physical Activity as a Modifying Factor on COVID-19 Mortality: A Single-Center, Retrospective Study. <i>Infectious Diseases and Therapy</i> , 2021, 10, 801-814.	4.0	46
6	Novel approaches to mechanism-based atrial fibrillation ablation. <i>Cardiovascular Research</i> , 2021, 117, 1662-1681.	3.8	15
7	Mapping Technologies for Catheter Ablation of Atrial Fibrillation Beyond Pulmonary Vein Isolation. <i>European Cardiology Review</i> , 2021, 16, e21.	2.2	9
8	Challenges and opportunities in improving the management of atrial fibrillation: recent research advances and their clinical translation. <i>Cardiovascular Research</i> , 2021, 117, 1609-1611.	3.8	5
9	Personalized monitoring of electrical remodelling during atrial fibrillation progression via remote transmissions from implantable devices. <i>Europace</i> , 2020, 22, 704-715.	1.7	16
10	Instantaneous Amplitude and Frequency Modulations Detect the Footprint of Rotational Activity and Reveal Stable Driver Regions as Targets for Persistent Atrial Fibrillation Ablation. <i>Circulation Research</i> , 2019, 125, 609-627.	4.5	20
11	Mechanisms by Which Ranolazine Terminates Paroxysmal but Not Persistent Atrial Fibrillation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2019, 12, e005557.	4.8	10
12	Lesion Index Titration Using Contact-Force Technology Enables Safe and Effective Radiofrequency Lesion Creation at the Root of the Aorta and Pulmonary Artery. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2019, 12, e007080.	4.8	6
13	Generation and characterization of a novel knockin minipig model of Hutchinson-Gilford progeria syndrome. <i>Cell Discovery</i> , 2019, 5, 16.	6.7	43
14	In vivo ratiometric optical mapping enables high-resolution cardiac electrophysiology in pig models. <i>Cardiovascular Research</i> , 2019, 115, 1659-1671.	3.8	38
15	Three-dimensional cardiac fibre disorganization as a novel parameter for ventricular arrhythmia stratification after myocardial infarction. <i>Europace</i> , 2019, 21, 822-832.	1.7	12
16	Implications of bipolar voltage mapping and magnetic resonance imaging resolution in biventricular scar characterization after myocardial infarction. <i>Europace</i> , 2019, 21, 163-174.	1.7	8
17	Ventricular fibrillation undersensing to calculate a safety threshold for baseline rhythm R-wave amplitudes. <i>Journal of Electrocardiology</i> , 2018, 51, 1159-1160.	0.9	1
18	Electrocardiographic Abnormalities in Patients With Hutchinson-Gilford Progeria Syndrome. <i>JAMA Cardiology</i> , 2018, 3, 1024.	6.1	9

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19	Mechanisms and Drug Development in Atrial Fibrillation. <i>Pharmacological Reviews</i> , 2018, 70, 505-525.	16.0	67
20	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). <i>Archivos De Cardiologia De Mexico</i> , 2018, 88, 460-467.	0.2	3
21	Low-Cost Optical Mapping Systems for Panoramic Imaging of Complex Arrhythmias and Drug-Action in Translational Heart Models. <i>Scientific Reports</i> , 2017, 7, 43217.	3.3	34
22	Myocardial Extracellular Volume Is Not Associated With Malignant Ventricular Arrhythmias in High-risk Hypertrophic Cardiomyopathy. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2017, 70, 933-940.	0.6	2
23	Tbx20 controls the expression of the <i>KCNH2</i> gene and of hERG channels. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E416-E425.	7.1	38
24	Propagation of Sinus Waves in the Atrial Architecture. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2017, 10, .	4.8	1
25	Selección de lo mejor del año 2016 en ablación con catéter. <i>Revista Espanola De Cardiologia</i> , 2017, 70, 302-303.	1.2	0
26	El volumen extracelular no se asocia a arritmias malignas en miocardiopatía hipertrófica de alto riesgo. <i>Revista Espanola De Cardiologia</i> , 2017, 70, 933-940.	1.2	2
27	Selection of the Best of 2016 in Catheter Ablation. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2017, 70, 302-303.	0.6	0
28	QRS duration reflects underlying changes in conduction velocity during increased intraventricular pressure and heart failure. <i>Progress in Biophysics and Molecular Biology</i> , 2017, 130, 394-403.	2.9	9
29	Safety threshold of R-wave amplitudes in patients with implantable cardioverter defibrillator. <i>Heart</i> , 2016, 102, 1662-1670.	2.9	15
30	Cardiac electrical defects in progeroid mice and Hutchinson-Gilford progeria syndrome patients with nuclear lamina alterations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E7250-E7259.	7.1	39
31	Impact of previous cardiac surgery on long-term outcome of cavotricuspid isthmus-dependent atrial flutter ablation. <i>Europace</i> , 2016, 18, 873-880.	1.7	12
32	Structural and Functional Bases of Cardiac Fibrillation. <i>JACC: Clinical Electrophysiology</i> , 2016, 2, 1-13.	3.2	13
33	Mechanistic Approaches to Detect, Target, and Ablate the Drivers of Atrial Fibrillation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2016, 9, e002481.	4.8	38
34	Long-Term Outcome After Ablation of Right Atrial Tachyarrhythmias After the Surgical Repair of Congenital and Acquired Heart Disease. <i>American Journal of Cardiology</i> , 2015, 115, 1705-1713.	1.6	28
35	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
36	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

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37	Revolving thrombus within the left atrium at atrial fibrillation ablation. <i>Herzschrittmachertherapie Und Elektrophysiologie</i> , 2015, 26, 54-55.	0.8	0
38	Utility of Intracardiac Echocardiography for Catheter Ablation of Complex Cardiac Arrhythmias in a Medium-volume Training Center. <i>Echocardiography</i> , 2015, 32, 660-670.	0.9	21
39	Letter by Jalife et al Regarding Article, "Quantitative Analysis of Localized Sources Identified by Focal Impulse and Rotor Modulation Mapping in Atrial Fibrillation". <i>Circulation: Arrhythmia and Electrophysiology</i> , 2015, 8, 1296-1298.	4.8	42
40	Surface and Intramural Reentrant Patterns during Atrial Fibrillation in the Sheep. <i>Methods of Information in Medicine</i> , 2014, 53, 314-319.	1.2	5
41	Effects of Fibrosis Morphology on Reentrant Ventricular Tachycardia Inducibility and Simulation Fidelity in Patient-Derived Models. <i>Clinical Medicine Insights: Cardiology</i> , 2014, 8s1, CMC.S15712.	1.8	29
42	Dominant Frequency Increase Rate Predicts Transition from Paroxysmal to Long-Term Persistent Atrial Fibrillation. <i>Circulation</i> , 2014, 129, 1472-1482.	1.6	144
43	What is behind radiofrequency delivery at the cavo-tricuspid isthmus?. <i>Archivos De Cardiologia De Mexico</i> , 2014, 84, 51-52.	0.2	2
44	Dronedarone: An Option in the Treatment of Ventricular Arrhythmias. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2013, 66, 668-670.	0.6	1
45	Colchicine After Pulmonary Vein Isolation: Is Inflammation the New Anti-Arrhythmic Target. <i>Journal of the American College of Cardiology</i> , 2013, 61, 1464-1465.	2.8	3
46	Atrial fibrillation in young stroke patients: do we underestimate its prevalence?. <i>European Journal of Neurology</i> , 2013, 20, 1367-1374.	3.3	12
47	Implantation of cardioverter defibrillators with minimal fluoroscopy using a three-dimensional navigation system: a feasibility study. <i>Europace</i> , 2013, 15, 1763-1770.	1.7	17
48	Atrial Arrhythmias in Obstructive Sleep Apnea: Underlying Mechanisms and Implications in the Clinical Setting. <i>Pulmonary Medicine</i> , 2013, 2013, 1-9.	1.9	15
49	Letter by Filgueiras-Rama et al Regarding Article, "Maximal Electric Separation-Guided Placement of Right Ventricular Lead Improves Responders in Cardiac Resynchronization Defibrillator Therapy" by Miranda et al. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2013, 6, e24.	4.8	0
50	Entrainment from the right ventricle distinguishes fast-slow AV nodal reentrant tachycardia from permanent junctional reciprocating tachycardia. <i>European Heart Journal</i> , 2013, 34, P4970-P4970.	2.2	0
51	Remote Magnetic Navigation for Accurate, Real-time Catheter Positioning and Ablation in Cardiac Electrophysiology Procedures. <i>Journal of Visualized Experiments</i> , 2013, , .	0.3	29
52	Polyunsaturated Fatty Acids in Atrial Fibrillation: Looking for the Proper Candidates. <i>Frontiers in Physiology</i> , 2012, 3, 370.	2.8	4
53	Long-Term Frequency Gradients During Persistent Atrial Fibrillation in Sheep Are Associated With Stable Sources in the Left Atrium. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2012, 5, 1160-1167.	4.8	65
54	Chloroquine Terminates Stretch-Induced Atrial Fibrillation More Effectively Than Flecainide in the Sheep Heart. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2012, 5, 561-570.	4.8	38

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55	Automated segmentation and reconstruction of patient-specific cardiac anatomy and pathology from <i>in vivo</i> MRI*. Measurement Science and Technology, 2012, 23, 125405.	2.6	14
56	Ectopic and reentrant activation patterns in the posterior left atrium during stretch-related atrial fibrillation. Progress in Biophysics and Molecular Biology, 2012, 110, 269-277.	2.9	29
57	Mechanisms Underlying Atrial Fibrillation. Cardiac Electrophysiology Clinics, 2011, 3, 141-156.	1.7	2
58	High-Resolution Endocardial and Epicardial Optical Mapping in a Sheep Model of Stretch-Induced Atrial Fibrillation. Journal of Visualized Experiments, 2011, , .	0.3	13
59	Corrigendum to: Targeting atrioventricular differences in ion channel properties for terminating acute atrial fibrillation in pigs. Cardiovascular Research, 2011, 92, 358-358.	3.8	0
60	Targeting atrioventricular differences in ion channel properties for terminating acute atrial fibrillation in pigs. Cardiovascular Research, 2011, 89, 843-851.	3.8	46
61	Organized Atrial Tachycardias after Atrial Fibrillation Ablation. Cardiology Research and Practice, 2011, 2011, 1-16.	1.1	16
62	3D Transesophageal Echocardiographic Guidance and Monitoring of Percutaneous Aortic Valve Replacement. Echocardiography, 2010, 27, 84-86.	0.9	12
63	A recidivant primary cardiac osteosarcoma: the role of bone scans. Cardiovascular Pathology, 2010, 19, 55-58.	1.6	7
64	Cause of Complete Atrioventricular Block After Percutaneous Aortic Valve Implantation. Circulation, 2009, 120, e29-30.	1.6	124
65	A lucky cardiac shotgun?. European Heart Journal Cardiovascular Imaging, 2009, 10, 462-463.	1.2	0
66	Cardiac tamponade during catheter-based ablation of cardiac arrhythmias: experience matters. Journal of Xiangya Medicine, 0, 2, 10-10.	0.2	0