

Remi Dubois

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

842
citations

623734

14
h-index

580821

25
g-index

27
all docs

27
docs citations

27
times ranked

1026
citing authors

#	ARTICLE	IF	CITATIONS
1	Purkinje network and myocardial substrate at the onset of human ventricular fibrillation: implications for catheter ablation. <i>European Heart Journal</i> , 2022, 43, 1234-1247.	2.2	30
2	Critical repolarization gradients determine the induction of reentry-based torsades de pointes arrhythmia in models of long QT syndrome. <i>Heart Rhythm</i> , 2021, 18, 278-287.	0.7	18
3	Electrocardiographic Imaging of Repolarization Abnormalities. <i>Journal of the American Heart Association</i> , 2021, 10, e020153.	3.7	17
4	A novel method to correct repolarization time estimation from unipolar electrograms distorted by standard filtering. <i>Medical Image Analysis</i> , 2021, 72, 102075.	11.6	5
5	Noninvasive detection of spatiotemporal activation-repolarization interactions that prime idiopathic ventricular fibrillation. <i>Science Translational Medicine</i> , 2021, 13, eabi9317.	12.4	14
6	Long-Lasting Ventricular Fibrillation in Humans ECG Characteristics and Effect of Radiofrequency Ablation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2020, 13, e008639.	4.8	5
7	Idiopathic Ventricular Fibrillation. <i>JACC: Clinical Electrophysiology</i> , 2020, 6, 591-608.	3.2	60
8	Early Signs of Critical Slowing Down in Heart Surface Electrograms of Ventricular Fibrillation Victims. <i>Lecture Notes in Computer Science</i> , 2020, , 334-347.	1.3	3
9	Insights Into the Spatiotemporal Patterns of Complexity of Ventricular Fibrillation by Multilead Analysis of Body Surface Potential Maps. <i>Frontiers in Physiology</i> , 2020, 11, 554838.	2.8	5
10	Cardiac Propagation Pattern Mapping With Vector Field for Helping Tachyarrhythmias Diagnosis With Clinical Tridimensional Electro-Anatomical Mapping Tools. <i>IEEE Transactions on Biomedical Engineering</i> , 2019, 66, 373-382.	4.2	14
11	Advantages and pitfalls of noninvasive electrocardiographic imaging. <i>Journal of Electrocardiology</i> , 2019, 57, S15-S20.	0.9	23
12	Optical Imaging of Ventricular Action Potentials in a Torso Tank: A New Platform for Non-Invasive Electrocardiographic Imaging Validation. <i>Frontiers in Physiology</i> , 2019, 10, 146.	2.8	10
13	Effect of Activation Wavefront on Electrogram Characteristics During Ventricular Tachycardia Ablation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2019, 12, e007293.	4.8	21
14	Characterizing localized reentry with high-resolution mapping: Evidence for multiple slow conducting isthmuses within the circuit. <i>Heart Rhythm</i> , 2019, 16, 679-685.	0.7	37
15	Performance and limitations of noninvasive cardiac activation mapping. <i>Heart Rhythm</i> , 2019, 16, 435-442.	0.7	108
16	Cardiac electrical dyssynchrony is accurately detected by noninvasive electrocardiographic imaging. <i>Heart Rhythm</i> , 2018, 15, 1058-1069.	0.7	53
17	Mapping and Ablation of Idiopathic Ventricular Fibrillation. <i>Frontiers in Cardiovascular Medicine</i> , 2018, 5, 123.	2.4	26
18	Noninvasive Assessment of Atrial Fibrillation Complexity in Relation to Ablation Characteristics and Outcome. <i>Frontiers in Physiology</i> , 2018, 9, 929.	2.8	16

#	ARTICLE	IF	CITATIONS
19	Localized Structural Alterations Underlying a Subset of Unexplained Sudden Cardiac Death. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2018, 11, e006120.	4.8	67
20	Response to cardiac resynchronization therapy is determined by intrinsic electrical substrate rather than by its modification. <i>International Journal of Cardiology</i> , 2018, 270, 143-148.	1.7	24
21	Spatially Coherent Activation Maps for Electrocardiographic Imaging. <i>IEEE Transactions on Biomedical Engineering</i> , 2017, 64, 1149-1156.	4.2	55
22	Introduction to Noninvasive Cardiac Mapping. <i>Cardiac Electrophysiology Clinics</i> , 2015, 7, 1-16.	1.7	16
23	Electrical dyssynchrony induced by biventricular pacing: Implications for patient selection and therapy improvement. <i>Heart Rhythm</i> , 2015, 12, 782-791.	0.7	100
24	Validation of Novel 3-Dimensional Electrocardiographic Mapping of Atrial Tachycardias by Invasive Mapping and Ablation. <i>Journal of the American College of Cardiology</i> , 2013, 62, 889-897.	2.8	78
25	Body Surface Electrocardiographic Mapping for Non-invasive Identification of Arrhythmic Sources. <i>Arrhythmia and Electrophysiology Review</i> , 2013, 2, 16.	2.4	36