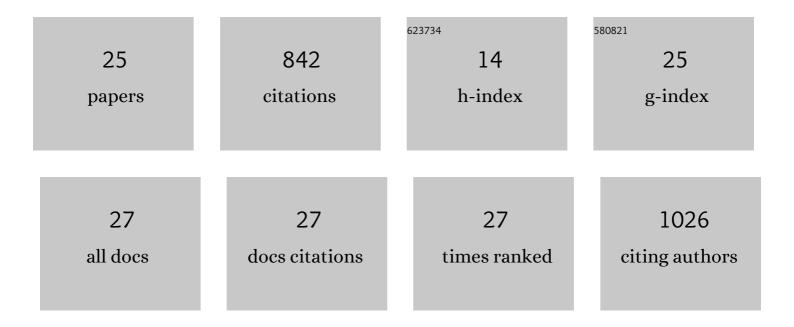
## Remi Dubois

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Purkinje network and myocardial substrate at the onset of human ventricular fibrillation: implications for catheter ablation. European Heart Journal, 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. Heart Rhythm, 2021, 18, 278-287.	0.7	18
3	Electrocardiographic Imaging of Repolarization Abnormalities. Journal of the American Heart Association, 2021, 10, e020153.	3.7	17
4	A novel method to correct repolarization time estimation from unipolar electrograms distorted by standard filtering. Medical Image Analysis, 2021, 72, 102075.	11.6	5
5	Noninvasive detection of spatiotemporal activation-repolarization interactions that prime idiopathic ventricular fibrillation. Science Translational Medicine, 2021, 13, eabi9317.	12.4	14
6	Long-Lasting Ventricular Fibrillation in Humans ECG Characteristics and Effect of Radiofrequency Ablation. Circulation: Arrhythmia and Electrophysiology, 2020, 13, e008639.	4.8	5
7	Idiopathic Ventricular Fibrillation. JACC: Clinical Electrophysiology, 2020, 6, 591-608.	3.2	60
8	Early Signs of Critical Slowing Down in Heart Surface Electrograms of Ventricular Fibrillation Victims. Lecture Notes in Computer Science, 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. Frontiers in Physiology, 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. IEEE Transactions on Biomedical Engineering, 2019, 66, 373-382.	4.2	14
11	Advantages and pitfalls of noninvasive electrocardiographic imaging. Journal of Electrocardiology, 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. Frontiers in Physiology, 2019, 10, 146.	2.8	10
13	Effect of Activation Wavefront on Electrogram Characteristics During Ventricular Tachycardia Ablation. Circulation: Arrhythmia and Electrophysiology, 2019, 12, e007293.	4.8	21
14	Characterizing localized reentry with high-resolution mapping: Evidence for multiple slow conducting isthmuses within the circuit. Heart Rhythm, 2019, 16, 679-685.	0.7	37
15	Performance and limitations of noninvasive cardiac activation mapping. Heart Rhythm, 2019, 16, 435-442.	0.7	108
16	Cardiac electrical dyssynchrony is accurately detected by noninvasive electrocardiographic imaging. Heart Rhythm, 2018, 15, 1058-1069.	0.7	53
17	Mapping and Ablation of Idiopathic Ventricular Fibrillation. Frontiers in Cardiovascular Medicine, 2018, 5, 123.	2.4	26
18	Noninvasive Assessment of Atrial Fibrillation Complexity in Relation to Ablation Characteristics and Outcome. Frontiers in Physiology, 2018, 9, 929.	2.8	16

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