

Hubert Cochet

List of Publications by Year in descending order

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Version: 2024-02-01

182
papers

7,490
citations

53794

45
h-index

64796

79
g-index

192
all docs

192
docs citations

192
times ranked

5470
citing authors

#	ARTICLE	IF	CITATIONS
1	Whole-Heart High-Resolution Late Gadolinium Enhancement: Techniques and Clinical Applications. <i>Journal of Magnetic Resonance Imaging</i> , 2022, 55, 967-987.	3.4	8
2	Substrate Modification Using Stereotactic Radioablation to Treat Refractory Ventricular Tachycardia in Patients With Ischemic Cardiomyopathy. <i>JACC: Clinical Electrophysiology</i> , 2022, 8, 49-58.	3.2	29
3	Effect of electrode size and spacing on electrograms: Optimized electrode configuration for near-field electrogram characterization. <i>Heart Rhythm</i> , 2022, 19, 102-112.	0.7	16
4	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
5	Noncontact whole-chamber charge density mapping of the left ventricle: Preclinical evaluation in a sheep model. <i>Heart Rhythm</i> , 2022, , .	0.7	0
6	Late gadolinium enhancement cardiac magnetic resonance imaging of ablation lesions after postinfarction ventricular tachycardia ablation: Implications for ventricular tachycardia recurrence. <i>Journal of Cardiovascular Electrophysiology</i> , 2022, , .	1.7	3
7	Intramural mapping of intramural septal ventricular arrhythmias. <i>Journal of Cardiovascular Electrophysiology</i> , 2022, 33, 975-981.	1.7	5
8	Preoperative personalization of atrial fibrillation ablation strategy to prevent esophageal injury: Impact of changes in esophageal position. <i>Journal of Cardiovascular Electrophysiology</i> , 2022, , .	1.7	2
9	Anatomy of the proximal septal vein in patients with focal intramural ventricular arrhythmias. <i>Journal of Cardiovascular Electrophysiology</i> , 2022, , .	1.7	2
10	Strategy for repeat procedures in patients with persistent atrial fibrillation: Systematic linear ablation with adjunctive ethanol infusion into the vein of Marshall versus electrophysiology-guided ablation. <i>Journal of Cardiovascular Electrophysiology</i> , 2022, 33, 1116-1124.	1.7	4
11	Distribution of atrial low voltage induced by vein of Marshall ethanol infusion. <i>Journal of Cardiovascular Electrophysiology</i> , 2022, 33, 1687-1693.	1.7	8
12	MUSIC: Cardiac Imaging, Modelling and Visualisation Software for Diagnosis and Therapy. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 6145.	2.5	2
13	Magnetic resonance imaging and histopathology of catheter ablation lesions after ventricular tachycardia ablation in patients with nonischemic cardiomyopathy. <i>Heart Rhythm</i> , 2022, 19, 1642-1649.	0.7	1
14	Clinical significance of myocardial scar in patients with frequent premature ventricular complexes undergoing catheter ablation. <i>Heart Rhythm</i> , 2021, 18, 20-26.	0.7	7
15	Magnetic Resonance Mapping of Catheter Ablation Lesions After Post-Infarction Ventricular Tachycardia Ablation. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 588-598.	5.3	15
16	Temperature- and flow-controlled ablation/very-high-power short-duration ablation vs conventional power-controlled ablation: Comparison of focal and linear lesion characteristics. <i>Heart Rhythm</i> , 2021, 18, 553-561.	0.7	26
17	Ventricular tachycardia in a patient with repaired d-transposition of the great arteries. <i>HeartRhythm Case Reports</i> , 2021, 7, 26-29.	0.4	0
18	The value of cardiac magnetic resonance imaging and programmed ventricular stimulation in patients with ventricular noncompaction and ventricular arrhythmias. <i>Journal of Cardiovascular Electrophysiology</i> , 2021, 32, 745-754.	1.7	6

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19	Estimation of Imaging Biomarkerâ€™s Progression in Post-infarct Patients Using Cross-sectional Data. Lecture Notes in Computer Science, 2021, , 108-116.	1.3	0
20	Scar-Related Ventricular Arrhythmia Prediction from Imaging Using Explainable Deep Learning. Lecture Notes in Computer Science, 2021, , 461-470.	1.3	3
21	Focus on stereotactic radiotherapy: A new way to treat severe ventricular arrhythmias?. Archives of Cardiovascular Diseases, 2021, 114, 140-149.	1.6	2
22	Factors predictive for delayed enhancement in cardiac resonance imaging in patients undergoing catheter ablation of premature ventricular complexes. Heart Rhythm O2, 2021, 2, 64-72.	1.7	5
23	Applications of artificial intelligence in cardiovascular imaging. Nature Reviews Cardiology, 2021, 18, 600-609.	13.7	74
24	Deep learning formulation of electrocardiographic imaging integrating image and signal information with data-driven regularization. Europace, 2021, 23, i55-i62.	1.7	9
25	Pulsed field ablation selectively spares the oesophagus during pulmonary vein isolation for atrial fibrillation. Europace, 2021, 23, 1391-1399.	1.7	82
26	Pulsed Field Ablation of Paroxysmal Atrial Fibrillation. JACC: Clinical Electrophysiology, 2021, 7, 614-627.	3.2	184
27	Local abnormal ventricular activity detection in scarâ€™related VT: Microelectrode versus conventional bipolar electrode. PACE - Pacing and Clinical Electrophysiology, 2021, 44, 1075-1084.	1.2	2
28	Cardiac Magnetic Resonance Imaging and Ventricular Tachycardias Involving the Sinuses of Valsalva in Patients With Nonischemic Cardiomyopathy. JACC: Clinical Electrophysiology, 2021, 7, 1243-1253.	3.2	3
29	Impact of Intramural Scar on Mapping and Ablation of Premature Ventricular Complexes. JACC: Clinical Electrophysiology, 2021, 7, 733-741.	3.2	4
30	Pulsed field ablation prevents chronic atrial fibrotic changes and restrictive mechanics after catheter ablation for atrial fibrillation. Europace, 2021, 23, 1767-1776.	1.7	43
31	Differentiating atrial tachycardias with centrifugal activation: Lessons from high-resolution mapping. Heart Rhythm, 2021, 18, 1122-1131.	0.7	10
32	How to perform ethanol ablation of the vein of Marshall for treatment of atrial fibrillation. Heart Rhythm, 2021, 18, 1083-1087.	0.7	11
33	Diagnosis, significance, and management of ventricular thrombi in patients referred for VT ablation. Journal of Cardiovascular Electrophysiology, 2021, 32, 2473-2483.	1.7	5
34	Vein of Marshall Ethanol Infusion: Feasibility, Pitfalls, and Complications in Over 700 Patients. Circulation: Arrhythmia and Electrophysiology, 2021, 14, e010001.	4.8	38
35	Left-axis deviation in patients with nonischemic heart failure and left bundle branch block is a purely electrical phenomenon. Heart Rhythm, 2021, 18, 1352-1360.	0.7	9
36	Role of endocardial ablation in eliminating an epicardial arrhythmogenic substrate in patients with Brugada syndrome. Heart Rhythm, 2021, 18, 1673-1681.	0.7	5

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37	High-resolution Free-breathing late gadolinium enhancement Cardiovascular magnetic resonance to diagnose myocardial injuries following COVID-19 infection. <i>European Journal of Radiology</i> , 2021, 144, 109960.	2.6	7
38	Automatic Multiplanar CT Reformatting from Trans-Axial into Left Ventricle Short-Axis View. <i>Lecture Notes in Computer Science</i> , 2021, , 14-22.	1.3	3
39	Reduction in left atrial and pulmonary vein dimensions after ablation therapy is mediated by scar. <i>IJC Heart and Vasculature</i> , 2021, 37, 100894.	1.1	2
40	Left atrial shape is independent predictor of arrhythmia recurrence after catheter ablation for atrial fibrillation: A shape statistics study. <i>Heart Rhythm O2</i> , 2021, 2, 622-632.	1.7	8
41	Risk stratification in patients with frequent premature ventricular complexes in the absence of known heart disease. <i>Heart Rhythm</i> , 2020, 17, 423-430.	0.7	24
42	Heart rate response during exercise predicts exercise tolerance in adults with transposition of the great arteries and atrial switch operation. <i>International Journal of Cardiology</i> , 2020, 299, 116-122.	1.7	4
43	Expert Recommendations on Cardiac Computed Tomography for Planning Transcatheter Left Atrial Appendage Occlusion. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 277-292.	2.9	120
44	Image-guided ablation of scar-related ventricular tachycardia: towards a shorter and more predictable procedure. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2020, 59, 535-544.	1.3	20
45	Assessment of the healing process after percutaneous implantation of a cardiovascular device: a systematic review. <i>International Journal of Cardiovascular Imaging</i> , 2020, 36, 385-394.	1.5	4
46	Intracardiac Impedance. <i>JACC: Clinical Electrophysiology</i> , 2020, 6, 1465-1466.	3.2	0
47	Double ventricular tachycardias associated with an anatomical isthmus identified by a computed tomography-derived channel. <i>Journal of Cardiovascular Electrophysiology</i> , 2020, 31, 3061-3063.	1.7	1
48	Impact of Vein of Marshall Ethanol Infusion on Mitral Isthmus Block. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2020, 13, e008884.	4.8	49
49	Acute and mid-term outcome of ethanol infusion of vein of Marshall for the treatment of perimitral flutter. <i>Europace</i> , 2020, 22, 1252-1260.	1.7	24
50	Hello Doctor, Can I Get My MRI?. <i>JACC: Clinical Electrophysiology</i> , 2020, 6, 736-738.	3.2	0
51	Stepwise Approach for Ventricular Tachycardia Ablation in Patients With Predominantly Intramural Scar. <i>JACC: Clinical Electrophysiology</i> , 2020, 6, 448-460.	3.2	13
52	High-Resolution Late Gadolinium Enhancement Magnetic Resonance for the Diagnosis of Myocardial Infarction With Nonobstructed Coronary Arteries. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 1135-1148.	5.3	46
53	Mechanism of Recurrence of Atrial Tachycardia. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2020, 13, e007273.	4.8	41
54	Value of mapping and ablation of ventricular tachycardia targets within the coronary venous system in patients with nonischemic cardiomyopathy. <i>Heart Rhythm</i> , 2020, 17, 520-526.	0.7	7

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55	Risk stratification in patients with nonischemic cardiomyopathy and ventricular arrhythmias based on quantification of intramural delayed enhancement on cardiac magnetic resonance imaging. <i>Journal of Cardiovascular Electrophysiology</i> , 2020, 31, 1762-1769.	1.7	5
56	In silico analysis of the relation between conventional and high-power short-duration RF ablation settings and resulting lesion metrics. <i>Journal of Cardiovascular Electrophysiology</i> , 2020, 31, 1332-1339.	1.7	12
57	Style Data Augmentation for Robust Segmentation of Multi-modality Cardiac MRI. <i>Lecture Notes in Computer Science</i> , 2020, , 197-208.	1.3	8
58	OCT and CMR for the Diagnosis of Patients Presenting With MINOCA and Suspected Epicardial Causes. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 2619-2631.	5.3	58
59	Atrial tachycardia circuits include low voltage area from index atrial fibrillation ablation relationship between RF ablation lesion and AT. <i>Journal of Cardiovascular Electrophysiology</i> , 2020, 31, 1640-1648.	1.7	9
60	Assessment of left ventricle magnetic resonance temperature stability in patients in the presence of arrhythmias. <i>NMR in Biomedicine</i> , 2019, 32, e4160.	2.8	8
61	Post-Myocardial Infarction Scar With Fat Deposition Shows Specific Electrophysiological Properties and Worse Outcome After Ventricular Tachycardia Ablation. <i>Journal of the American Heart Association</i> , 2019, 8, e012482.	3.7	24
62	Giant coronary artery aneurysm in a patient with LEOPARD syndrome. <i>European Heart Journal - Case Reports</i> , 2019, 3, .	0.6	0
63	Is it feasible to offer targeted ablation of ventricular tachycardia circuits with better understanding of isthmus anatomy and conduction characteristics?. <i>Europace</i> , 2019, 21, i27-i33.	1.7	10
64	Pulsed Field Ablation for Pulmonary Vein Isolation in Atrial Fibrillation. <i>Journal of the American College of Cardiology</i> , 2019, 74, 315-326.	2.8	347
65	Extent and spatial distribution of left atrial arrhythmogenic sites, late gadolinium enhancement at magnetic resonance imaging, and low-voltage areas in patients with persistent atrial fibrillation: comparison of imaging vs. electrical parameters of fibrosis and arrhythmogenesis. <i>Europace</i> , 2019, 21, 1484-1493.	1.7	49
66	Larger and deeper ventricular lesions using a novel expandable spherical monopolar irrigated radiofrequency ablation catheter. <i>Journal of Cardiovascular Electrophysiology</i> , 2019, 30, 1644-1651.	1.7	2
67	Are wall thickness channels defined by computed tomography predictive of isthmuses of postinfarction ventricular tachycardia?. <i>Heart Rhythm</i> , 2019, 16, 1661-1668.	0.7	47
68	Ultra-High-Density Activation Mapping to Aid Isthmus Identification of Atrial Tachycardias in Congenital Heart Disease. <i>JACC: Clinical Electrophysiology</i> , 2019, 5, 1459-1472.	3.2	15
69	Three-dimensional image integration guidance for cryoballoon pulmonary vein isolation procedures. <i>Journal of Cardiovascular Electrophysiology</i> , 2019, 30, 2790-2796.	1.7	11
70	Impact of Spacing and Orientation on the Scar Threshold With a High-Density Grid Catheter. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2019, 12, e007158.	4.8	22
71	Right Ventricular Electrical Activation in Patients With Repaired Tetralogy of Fallots. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2019, 12, e007141.	4.8	16
72	Universal atrial coordinates applied to visualisation, registration and construction of patient specific meshes. <i>Medical Image Analysis</i> , 2019, 55, 65-75.	11.6	59

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73	Insights from atrial surface activation throughout atrial tachycardia cycle length: A new mapping tool. <i>Heart Rhythm</i> , 2019, 16, 1652-1660.	0.7	31
74	Focal scar and diffuse myocardial fibrosis are independent imaging markers in repaired tetralogy of Fallot. <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 20, 990-1003.	1.2	42
75	Relationship between atrial scar on cardiac magnetic resonance and pulmonary vein reconnection after catheter ablation for paroxysmal atrial fibrillation. <i>Journal of Cardiovascular Electrophysiology</i> , 2019, 30, 727-740.	1.7	18
76	Automatically Segmenting the Left Atrium from Cardiac Images Using Successive 3D U-Nets and a Contour Loss. <i>Lecture Notes in Computer Science</i> , 2019, , 221-229.	1.3	22
77	Noninvasive Mapping and Electrocardiographic Imaging in Atrial and Ventricular Arrhythmias (CardioInsight). <i>Cardiac Electrophysiology Clinics</i> , 2019, 11, 459-471.	1.7	20
78	Does Ventricular Tachycardia Ablation Targeting Local Abnormal Ventricular Activity Elimination Reduce Ventricular Fibrillation Incidence?. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2019, 12, e006857.	4.8	5
79	Detailed Analysis of the Relation Between Bipolar Electrode Spacing and Far- and Near-Field Electrograms. <i>JACC: Clinical Electrophysiology</i> , 2019, 5, 66-77.	3.2	23
80	A simple mechanism underlying the behavior of reentrant atrial tachycardia during ablation. <i>Heart Rhythm</i> , 2019, 16, 553-561.	0.7	17
81	Detailed comparison between the wall thickness and voltages in chronic myocardial infarction. <i>Journal of Cardiovascular Electrophysiology</i> , 2019, 30, 195-204.	1.7	20
82	Model-Based Feature Augmentation for Cardiac Ablation Target Learning From Images. <i>IEEE Transactions on Biomedical Engineering</i> , 2019, 66, 30-40.	4.2	20
83	Deep Learning Formulation of ECGI for Data-Driven Integration of Spatiotemporal Correlations and Imaging Information. <i>Lecture Notes in Computer Science</i> , 2019, , 20-28.	1.3	9
84	Fully Automated Electrophysiological Model Personalisation Framework from CT Imaging. <i>Lecture Notes in Computer Science</i> , 2019, , 325-333.	1.3	4
85	Substrate Mapping and Ablation for Ventricular Tachycardia in Patients with Structural Heart Disease: How to Identify Ventricular Tachycardia Substrate. <i>Journal of Innovations in Cardiac Rhythm Management</i> , 2019, 10, 3565-3580.	0.5	16
86	Long-Term Outcome of Substrate Modification in Ablation of Post-Myocardial Infarction Ventricular Tachycardia. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2018, 11, e005635.	4.8	51
87	Correlation between computer tomography-derived scar topography and critical ablation sites in postinfarction ventricular tachycardia. <i>Journal of Cardiovascular Electrophysiology</i> , 2018, 29, 438-445.	1.7	52
88	Left atrial appendage patency and device-related thrombus after percutaneous left atrial appendage occlusion: a computed tomography study. <i>European Heart Journal Cardiovascular Imaging</i> , 2018, 19, 1351-1361.	1.2	60
89	Characteristics of Single-Loop Macroreentrant Batrial Tachycardia Diagnosed by Ultrahigh-Resolution Mapping System. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2018, 11, e005558.	4.8	57
90	Influence of contact force on voltage mapping: A combined magnetic resonance imaging and electroanatomic mapping study in patients with tetralogy of Fallot. <i>Heart Rhythm</i> , 2018, 15, 1198-1205.	0.7	8

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91	Atrial tachycardias: Cause or effect with ablation of persistent atrial fibrillation?. Journal of Cardiovascular Electrophysiology, 2018, 29, 274-283.	1.7	12
92	High-resolution three-dimensional late gadolinium-enhanced cardiac magnetic resonance imaging to identify the underlying substrate of ventricular arrhythmia. Europace, 2018, 20, f179-f191.	1.7	36
93	Revisiting anatomic macroreentrant tachycardia after atrial fibrillation ablation using ultrahigh-resolution mapping: Implications for ablation. Heart Rhythm, 2018, 15, 326-333.	0.7	73
94	Relationship Between Fibrosis Detected on Late Gadolinium-Enhanced Cardiac Magnetic Resonance and Re-Entrant Activity Assessed With Electrocardiographic Imaging in Human Persistent Atrial Fibrillation. JACC: Clinical Electrophysiology, 2018, 4, 17-29.	3.2	109
95	Electrogram signature of specific activation patterns: Analysis of atrial tachycardias at high-density endocardial mapping. Heart Rhythm, 2018, 15, 28-37.	0.7	66
96	Fast personalized electrophysiological models from computed tomography images for ventricular tachycardia ablation planning. Europace, 2018, 20, iii94-iii101.	1.7	35
97	Variability in pulmonary vein electrophysiology and fibrosis determines arrhythmia susceptibility and dynamics. PLoS Computational Biology, 2018, 14, e1006166.	3.2	41
98	Patient-specific simulations predict efficacy of ablation of interatrial connections for treatment of persistent atrial fibrillation. Europace, 2018, 20, iii55-iii68.	1.7	38
99	Atrial Fibrillation Mechanisms and Implications for Catheter Ablation. Frontiers in Physiology, 2018, 9, 1458.	2.8	58
100	Arrhythmogenic Remodeling of the Left Ventricle in a Porcine Model of Repaired Tetralogy of Fallot. Circulation: Arrhythmia and Electrophysiology, 2018, 11, e006059.	4.8	17
101	Wavelength and Fibrosis Affect Phase Singularity Locations During Atrial Fibrillation. Frontiers in Physiology, 2018, 9, 1207.	2.8	25
102	High-power short-duration versus standard radiofrequency ablation: Insights on lesion metrics. Journal of Cardiovascular Electrophysiology, 2018, 29, 1570-1575.	1.7	159
103	Comprehensive Multicenter Study of the Common Isthmus in Post-Atrial Fibrillation Ablation Multiple-Loop Atrial Tachycardia. Circulation: Arrhythmia and Electrophysiology, 2018, 11, e006019.	4.8	34
104	Comparing Reentrant Drivers Predicted by Image-Based Computational Modeling and Mapped by Electrocardiographic Imaging in Persistent Atrial Fibrillation. Frontiers in Physiology, 2018, 9, 414.	2.8	34
105	Atrial tachycardia after conversion to extra-cardiac Fontan conduit: critical role of surgery-related electrical gaps. Europace, 2018, 20, 2035-2035.	1.7	0
106	Localized Structural Alterations Underlying a Subset of Unexplained Sudden Cardiac Death. Circulation: Arrhythmia and Electrophysiology, 2018, 11, e006120.	4.8	67
107	Effect of bipolar electrode orientation on local electrogram properties. Heart Rhythm, 2018, 15, 1853-1861.	0.7	46
108	Both left ventricular papillary muscles necrosis, an eosinophilic lymphoblastic leukemia revealed by endomyocardial fibrosis. Presse Medicale, 2018, 47, 185-189.	1.9	2

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109	Role of cardiac imaging and three-dimensional printing in percutaneous appendage closure. Archives of Cardiovascular Diseases, 2018, 111, 411-420.	1.6	15
110	Predictors of future onset of atrial fibrillation in hypertrophic cardiomyopathy. Archives of Cardiovascular Diseases, 2018, 111, 591-600.	1.6	11
111	Image-Based Biophysical Simulation of Intracardiac Abnormal Ventricular Electrograms. IEEE Transactions on Biomedical Engineering, 2017, 64, 1446-1454.	4.2	13
112	Myocardial wall thinning predicts transmural substrate in patients with scar-related ventricular tachycardia. Heart Rhythm, 2017, 14, 155-163.	0.7	42
113	Proarrhythmic remodelling of the right ventricle in a porcine model of repaired tetralogy of Fallot. Heart, 2017, 103, 347-354.	2.9	17
114	Complexity and Distribution of Drivers in Relation to Duration of Persistent Atrial Fibrillation. Journal of the American College of Cardiology, 2017, 69, 1257-1269.	2.8	138
115	Distinctive Left Ventricular Activations Associated With ECG Pattern in Heart Failure Patients. Circulation: Arrhythmia and Electrophysiology, 2017, 10, .	4.8	41
116	Catheter Ablation for Ventricular Tachycardia in Patients with Nonischemic Cardiomyopathy. Cardiac Electrophysiology Clinics, 2017, 9, 47-54.	1.7	4
117	Endomyocardial fibrosis in a context of peritonitis. European Heart Journal Cardiovascular Imaging, 2017, 18, 1297-1297.	1.2	0
118	Cardiac Imaging in Patients With Ventricular Tachycardia. Circulation, 2017, 136, 2491-2507.	1.6	70
119	The Combination of Pulmonary Vein Electrophysiology and Atrial Fibrosis Determines Driver Location. , 2017, , .		1
120	VT Scan: Towards an Efficient Pipeline from Computed Tomography Images to Ventricular Tachycardia Ablation. Lecture Notes in Computer Science, 2017, , 271-279.	1.3	2
121	Prediction of Post-Ablation Outcome in Atrial Fibrillation Using Shape Parameterization and Partial Least Squares Regression. Lecture Notes in Computer Science, 2017, , 311-321.	1.3	1
122	STACOM-SLAWT Challenge: Left Atrial Wall Segmentation and Thickness Measurement Using Region Growing and Marker-Controlled Geodesic Active Contour. Lecture Notes in Computer Science, 2017, , 211-219.	1.3	1
123	176-34: The Feasibility of Mapping Fractionated Signals within the EnSite Precision System. Europace, 2016, 18, i126-i126.	1.7	0
124	19-02: Electrocardiographic Mapping Vector Predicts Acute Response to Cardiac Resynchronization Therapy. Europace, 2016, 18, i164-i164.	1.7	0
125	Intermittent drivers anchoring to structural heterogeneities as a major pathophysiological mechanism of human persistent atrial fibrillation. Journal of Physiology, 2016, 594, 2387-2398.	2.9	132
126	Modelling methodology of atrial fibrosis affects rotor dynamics and electrograms. Europace, 2016, 18, iv146-iv155.	1.7	120

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127	Patient-derived models link re-entrant driver localization in atrial fibrillation to fibrosis spatial pattern. <i>Cardiovascular Research</i> , 2016, 110, 443-454.	3.8	244
128	Persistent Atrial Fibrillation From the Onset. <i>JACC: Clinical Electrophysiology</i> , 2016, 2, 129-139.	3.2	12
129	Impact of New Technologies and Approaches for Post-Myocardial Infarction Ventricular Tachycardia Ablation During Long-Term Follow-Up. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2016, 9, .	4.8	75
130	Image Integration to Guide Catheter Ablation in Scar-Related Ventricular Tachycardia. <i>Journal of Cardiovascular Electrophysiology</i> , 2016, 27, 699-708.	1.7	106
131	Characterization of ARVC substrate on MRI and electrophysiological mapping. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016, 18, P197.	3.3	0
132	Post-infarction ventricular fibrillation mechanisms: Insights from combined body surface potential mapping and late gadolinium-enhanced CMR. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016, 18, P198.	3.3	1
133	Atrial scar on late gadolinium-enhanced imaging to predict electrical reconnection after pulmonary vein isolation for atrial fibrillation. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016, 18, P201.	3.3	0
134	Percolation as a mechanism to explain atrial fractionated electrograms and reentry in a fibrosis model based on imaging data. <i>Heart Rhythm</i> , 2016, 13, 1536-1543.	0.7	111
135	Epicardial only mapping and ablation of ventricular tachycardia: a case series. <i>Europace</i> , 2016, 18, 267-273.	1.7	13
136	Feasibility of real-time MR thermal dose mapping for predicting radiofrequency ablation outcome in the myocardium in vivo. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016, 19, 14.	3.3	51
137	Impact of Electrode Type on Mapping of Scar-Related VT. <i>Journal of Cardiovascular Electrophysiology</i> , 2015, 26, 1213-1223.	1.7	84
138	Body Surface Mapping to Guide Atrial Fibrillation Ablation. <i>Arrhythmia and Electrophysiology Review</i> , 2015, 4, 172.	2.4	39
139	Automated Quantification of Right Ventricular Fat at Contrast-enhanced Cardiac Multidetector CT in Arrhythmogenic Right Ventricular Cardiomyopathy. <i>Radiology</i> , 2015, 275, 683-691.	7.3	20
140	Role of High-Resolution Image Integration to Visualize Left Phrenic Nerve and Coronary Arteries During Epicardial Ventricular Tachycardia Ablation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2015, 8, 371-380.	4.8	51
141	Age, Atrial Fibrillation, and Structural Heart Disease Are the Main Determinants of Left Atrial Fibrosis Detected by Delayed-Enhanced Magnetic Resonance Imaging in a General Cardiology Population. <i>Journal of Cardiovascular Electrophysiology</i> , 2015, 26, 484-492.	1.7	171
142	After the Fire and Ice Age, Are We Entering the Metal Age?. <i>JACC: Clinical Electrophysiology</i> , 2015, 1, 185-186.	3.2	1
143	Atrial late gadolinium enhancement on MRI relates to the electrophysiological substrate of persistent atrial fibrillation. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2015, 17, O22.	3.3	1
144	Local late gadolinium enhancement features to identify the electrophysiological substrate of post-infarction ventricular tachycardia: a machine learning approach. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2015, 17, P234.	3.3	0

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145	Characteristics of Ventricular Tachycardia Ablation in Patients With Continuous Flow Left Ventricular Assist Devices. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2015, 8, 592-597.	4.8	81
146	Impact of Substrate-Based Ablation of Ventricular Tachycardia on Cardiac Mortality in Patients With Implantable Cardioverter-Defibrillators. <i>Journal of Cardiovascular Electrophysiology</i> , 2015, 26, 1230-1238.	1.7	22
147	Non-invasive cardiac mapping in clinical practice: Application to the ablation of cardiac arrhythmias. <i>Journal of Electrocardiology</i> , 2015, 48, 966-974.	0.9	51
148	Characterization of the Left-Sided Substrate in Arrhythmogenic Right Ventricular Cardiomyopathy. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2015, 8, 1403-1412.	4.8	37
149	Irrigated Needle Ablation Creates Larger and More Transmural Ventricular Lesions Compared With Standard Unipolar Ablation in an Ovine Model. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2015, 8, 1498-1506.	4.8	38
150	P4 Right ventricular activation mapping to determine electrical activation pattern in patients with repaired tetralogy of Fallot. <i>Archives of Cardiovascular Diseases Supplements</i> , 2015, 7, 264.	0.0	0
151	Five-Year Outcome of Catheter Ablation of Persistent Atrial Fibrillation Using Termination of Atrial Fibrillation as a Procedural Endpoint. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2015, 8, 18-24.	4.8	247
152	Postmyocarditis Ventricular Tachycardia in Patients with Epicardial-Only Scar: A Specific Entity Requiring a Specific Approach. <i>Journal of Cardiovascular Electrophysiology</i> , 2015, 26, 42-50.	1.7	36
153	A bilayer model of human atria: mathematical background, construction, and assessment. <i>Europace</i> , 2014, 16, iv21-iv29.	1.7	83
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