

Hubert Cochet

List of Publications by Year in descending order

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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	Driver Domains in Persistent Atrial Fibrillation. <i>Circulation</i> , 2014, 130, 530-538.	1.6	634
2	Elimination of Local Abnormal Ventricular Activities. <i>Circulation</i> , 2012, 125, 2184-2196.	1.6	538
3	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
4	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
5	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
6	Inverse Relationship Between Fractionated Electrograms and Atrial Fibrosis in Persistent Atrial Fibrillation. <i>Journal of the American College of Cardiology</i> , 2013, 62, 802-812.	2.8	205
7	Pulsed Field Ablation of Paroxysmal Atrial Fibrillation. <i>JACC: Clinical Electrophysiology</i> , 2021, 7, 614-627.	3.2	184
8	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
9	High-power short-duration versus standard radiofrequency ablation: Insights on lesion metrics. <i>Journal of Cardiovascular Electrophysiology</i> , 2018, 29, 1570-1575.	1.7	159
10	Complexity and Distribution of Drivers in Relation to Duration of Persistent Atrial Fibrillation. <i>Journal of the American College of Cardiology</i> , 2017, 69, 1257-1269.	2.8	138
11	Intermittent drivers anchoring to structural heterogeneities as a major pathophysiological mechanism of human persistent atrial fibrillation. <i>Journal of Physiology</i> , 2016, 594, 2387-2398.	2.9	132
12	Modelling methodology of atrial fibrosis affects rotor dynamics and electrograms. <i>Europace</i> , 2016, 18, iv146-iv155.	1.7	120
13	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
14	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
15	Relationship Between Fibrosis Detected on Late Gadolinium-Enhanced Cardiac Magnetic Resonance and Re-Entrant Activity Assessed With Electrocardiographic Imaging in Human Persistent Atrial Fibrillation. <i>JACC: Clinical Electrophysiology</i> , 2018, 4, 17-29.	3.2	109
16	Regional Myocardial Wall Thinning at Multidetector Computed Tomography Correlates to Arrhythmogenic Substrate in Postinfarction Ventricular Tachycardia. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2013, 6, 342-350.	4.8	108
17	Image Integration to Guide Catheter Ablation in Scar-Related Ventricular Tachycardia. <i>Journal of Cardiovascular Electrophysiology</i> , 2016, 27, 699-708.	1.7	106
18	Integration of Merged Delayed-Enhanced Magnetic Resonance Imaging and Multidetector Computed Tomography for the Guidance of Ventricular Tachycardia Ablation: A Pilot Study. <i>Journal of Cardiovascular Electrophysiology</i> , 2013, 24, 419-426.	1.7	95

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19	Endocardial Ablation to Eliminate Epicardial Arrhythmia Substrate in Scar-Related Ventricular Tachycardia. <i>Journal of the American College of Cardiology</i> , 2014, 63, 1416-1426.	2.8	87
20	Impact of Electrode Type on Mapping of Scar-Related VT. <i>Journal of Cardiovascular Electrophysiology</i> , 2015, 26, 1213-1223.	1.7	84
21	A bilayer model of human atria: mathematical background, construction, and assessment. <i>Europace</i> , 2014, 16, iv21-iv29.	1.7	83
22	Pulsed field ablation selectively spares the oesophagus during pulmonary vein isolation for atrial fibrillation. <i>Europace</i> , 2021, 23, 1391-1399.	1.7	82
23	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
24	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
25	Applications of artificial intelligence in cardiovascular imaging. <i>Nature Reviews Cardiology</i> , 2021, 18, 600-609.	13.7	74
26	Diagnostic Value of Isoproterenol Testing in Arrhythmogenic Right Ventricular Cardiomyopathy. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2014, 7, 590-597.	4.8	73
27	Revisiting anatomic macroreentrant tachycardia after atrial fibrillation ablation using ultrahigh-resolution mapping: Implications for ablation. <i>Heart Rhythm</i> , 2018, 15, 326-333.	0.7	73
28	Cardiac Imaging in Patients With Ventricular Tachycardia. <i>Circulation</i> , 2017, 136, 2491-2507.	1.6	70
29	Localized Structural Alterations Underlying a Subset of Unexplained Sudden Cardiac Death. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2018, 11, e006120.	4.8	67
30	Electrogram signature of specific activation patterns: Analysis of atrial tachycardias at high-density endocardial mapping. <i>Heart Rhythm</i> , 2018, 15, 28-37.	0.7	66
31	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
32	Cardiac magnetic resonance imaging for the diagnosis of patients presenting with chest pain, raised troponin, and unobstructed coronary arteries. <i>International Journal of Cardiovascular Imaging</i> , 2012, 28, 783-794.	1.5	59
33	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
34	Atrial Fibrillation Mechanisms and Implications for Catheter Ablation. <i>Frontiers in Physiology</i> , 2018, 9, 1458.	2.8	58
35	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
36	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

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37	Cardiac Arrhythmias: Multimodal Assessment Integrating Body Surface ECG Mapping into Cardiac Imaging. <i>Radiology</i> , 2014, 271, 239-247.	7.3	54
38	Correlation between computer tomographyâ€derived scar topography and critical ablation sites in postinfarction ventricular tachycardia. <i>Journal of Cardiovascular Electrophysiology</i> , 2018, 29, 438-445.	1.7	52
39	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
40	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
41	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
42	Long-Term Outcome of Substrate Modification in Ablation of Postâ€Myocardial Infarction Ventricular Tachycardia. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2018, 11, e005635.	4.8	51
43	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
44	Impact of Vein of Marshall Ethanol Infusion on Mitral Isthmus Block. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2020, 13, e008884.	4.8	49
45	Electrophysiologic characterization of local abnormal ventricular activities in postinfarction ventricular tachycardia with respect to their anatomic location. <i>Heart Rhythm</i> , 2013, 10, 1630-1637.	0.7	47
46	Atrial Structure and Function 5 Years After Successful Ablation for Persistent Atrial Fibrillation: An MRI Study. <i>Journal of Cardiovascular Electrophysiology</i> , 2014, 25, 671-679.	1.7	47
47	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
48	Effect of bipolar electrode orientation on local electrogram properties. <i>Heart Rhythm</i> , 2018, 15, 1853-1861.	0.7	46
49	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
50	Pulsed field ablation prevents chronic atrial fibrotic changes and restrictive mechanics after catheter ablation for atrial fibrillation. <i>Europace</i> , 2021, 23, 1767-1776.	1.7	43
51	Anterolateral Ankle Impingement: Diagnostic Performance of MDCT Arthrography and Sonography. <i>American Journal of Roentgenology</i> , 2010, 194, 1575-1580.	2.2	42
52	Pulmonary vein isolation using a circular, open irrigated mapping and ablation catheter (nMARQ): a report on feasibility and efficacy. <i>Europace</i> , 2014, 16, 1296-1303.	1.7	42
53	Myocardial wall thinning predicts transmural substrate in patients with scar-related ventricular tachycardia. <i>Heart Rhythm</i> , 2017, 14, 155-163.	0.7	42
54	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

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55	Distinctive Left Ventricular Activations Associated With ECG Pattern in Heart Failure Patients. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2017, 10, .	4.8	41
56	Variability in pulmonary vein electrophysiology and fibrosis determines arrhythmia susceptibility and dynamics. <i>PLoS Computational Biology</i> , 2018, 14, e1006166.	3.2	41
57	Mechanism of Recurrence of Atrial Tachycardia. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2020, 13, e007273.	4.8	41
58	Absolute Quantification of Left Ventricular Global and Regional Function at Nuclear MPI Using Ultrafast CZT SPECT: Initial Validation Versus Cardiac MR. <i>Journal of Nuclear Medicine</i> , 2013, 54, 556-563.	5.0	39
59	Body Surface Mapping to Guide Atrial Fibrillation Ablation. <i>Arrhythmia and Electrophysiology Review</i> , 2015, 4, 172.	2.4	39
60	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
61	Patient-specific simulations predict efficacy of ablation of interatrial connections for treatment of persistent atrial fibrillation. <i>Europace</i> , 2018, 20, iii55-iii68.	1.7	38
62	Vein of Marshall Ethanol Infusion: Feasibility, Pitfalls, and Complications in Over 700 Patients. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2021, 14, e010001.	4.8	38
63	Characterization of the Left-Sided Substrate in Arrhythmogenic Right Ventricular Cardiomyopathy. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2015, 8, 1403-1412.	4.8	37
64	Safety and prevention of complications during percutaneous epicardial access for the ablation of cardiac arrhythmias. <i>Heart Rhythm</i> , 2014, 11, 1658-1665.	0.7	36
65	Postmyocarditis Ventricular Tachycardia in Patients with Epicardialâ€œOnly Scar: A Specific Entity Requiring a Specific Approach. <i>Journal of Cardiovascular Electrophysiology</i> , 2015, 26, 42-50.	1.7	36
66	High-resolution three-dimensional late gadolinium-enhanced cardiac magnetic resonance imaging to identify the underlying substrate of ventricular arrhythmia. <i>Europace</i> , 2018, 20, f179-f191.	1.7	36
67	Fast personalized electrophysiological models from computed tomography images for ventricular tachycardia ablation planning. <i>Europace</i> , 2018, 20, iii94-iii101.	1.7	35
68	Comprehensive Multicenter Study of the Common Isthmus in Postâ€œAtrial Fibrillation Ablation Multiple-Loop Atrial Tachycardia. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2018, 11, e006019.	4.8	34
69	Comparing Reentrant Drivers Predicted by Image-Based Computational Modeling and Mapped by Electrocardiographic Imaging in Persistent Atrial Fibrillation. <i>Frontiers in Physiology</i> , 2018, 9, 414.	2.8	34
70	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
71	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
72	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

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73	Relationship Between MDCT-Imaged Myocardial Fat and Ventricular Tachycardia Substrate in Arrhythmogenic Right Ventricular Cardiomyopathy. <i>Journal of the American Heart Association</i> , 2014, 3, .	3.7	26
74	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
75	Wavelength and Fibrosis Affect Phase Singularity Locations During Atrial Fibrillation. <i>Frontiers in Physiology</i> , 2018, 9, 1207.	2.8	25
76	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
77	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
78	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
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	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
81	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
82	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
83	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
84	Noninvasive Mapping and Electrocardiographic Imaging in Atrial and Ventricular Arrhythmias (CardioInsight). <i>Cardiac Electrophysiology Clinics</i> , 2019, 11, 459-471.	1.7	20
85	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
86	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
87	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
88	Rotator cuff tears: should abduction and external rotation (ABER) positioning be performed before image acquisition? A CT arthrography study. <i>European Radiology</i> , 2010, 20, 1234-1241.	4.5	18
89	In Vivo MR Angiography and Velocity Measurement in Mice Coronary Arteries at 9.4 T: Assessment of Coronary Flow Velocity Reserve. <i>Radiology</i> , 2010, 254, 441-448.	7.3	18
90	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

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91	Proarrhythmic remodelling of the right ventricle in a porcine model of repaired tetralogy of Fallot. <i>Heart</i> , 2017, 103, 347-354.	2.9	17
92	Arrhythmogenic Remodeling of the Left Ventricle in a Porcine Model of Repaired Tetralogy of Fallot. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2018, 11, e006059.	4.8	17
93	A simple mechanism underlying the behavior of reentrant atrial tachycardia during ablation. <i>Heart Rhythm</i> , 2019, 16, 553-561.	0.7	17
94	Right Ventricular Electrical Activation in Patients With Repaired Tetralogy of Fallots. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2019, 12, e007141.	4.8	16
95	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
96	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
97	Pre- and Intra- Procedural Predictors of Reverse Remodeling After Cardiac Resynchronization Therapy: An MRI Study. <i>Journal of Cardiovascular Electrophysiology</i> , 2013, 24, 682-691.	1.7	15
98	Role of cardiac imaging and three-dimensional printing in percutaneous appendage closure. <i>Archives of Cardiovascular Diseases</i> , 2018, 111, 411-420.	1.6	15
99	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
100	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
101	Impact of Septal Radiofrequency Ventricular Tachycardia Ablation. <i>Circulation</i> , 2014, 130, 716-718.	1.6	13
102	Epicardial only mapping and ablation of ventricular tachycardia: a case series. <i>Europace</i> , 2016, 18, 267-273.	1.7	13
103	Image-Based Biophysical Simulation of Intracardiac Abnormal Ventricular Electrograms. <i>IEEE Transactions on Biomedical Engineering</i> , 2017, 64, 1446-1454.	4.2	13
104	Stepwise Approach for Ventricular Tachycardia Ablation in Patients With Predominantly Intramural Scar. <i>JACC: Clinical Electrophysiology</i> , 2020, 6, 448-460.	3.2	13
105	Noninvasive Electrocardiogram Facilitates Previously Failed Ablation of Right Appendage Diverticulum Associated Life-Threatening Accessory Pathway. <i>Journal of Cardiovascular Electrophysiology</i> , 2013, 24, 583-585.	1.7	12
106	Persistent Atrial Fibrillation From Onset. <i>JACC: Clinical Electrophysiology</i> , 2016, 2, 129-139.	3.2	12
107	Atrial tachycardias: Cause or effect with ablation of persistent atrial fibrillation?. <i>Journal of Cardiovascular Electrophysiology</i> , 2018, 29, 274-283.	1.7	12
108	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

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109	Multimodality Imaging to Improve the Safety and Efficacy of Epicardial Ablation of Scar-Related Ventricular Tachycardia. <i>Journal of Cardiovascular Electrophysiology</i> , 2013, 24, 1426-1427.	1.7	11
110	Predictors of future onset of atrial fibrillation in hypertrophic cardiomyopathy. <i>Archives of Cardiovascular Diseases</i> , 2018, 111, 591-600.	1.6	11
111	Three-dimensional image integration guidance for cryoballoon pulmonary vein isolation procedures. <i>Journal of Cardiovascular Electrophysiology</i> , 2019, 30, 2790-2796.	1.7	11
112	How to perform ethanol ablation of the vein of Marshall for treatment of atrial fibrillation. <i>Heart Rhythm</i> , 2021, 18, 1083-1087.	0.7	11
113	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
114	Differentiating atrial tachycardias with centrifugal activation: Lessons from high-resolution mapping. <i>Heart Rhythm</i> , 2021, 18, 1122-1131.	0.7	10
115	Steam Pop During Radiofrequency Ablation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2014, 7, 559-560.	4.8	9
116	Deep learning formulation of electrocardiographic imaging integrating image and signal information with data-driven regularization. <i>Europace</i> , 2021, 23, i55-i62.	1.7	9
117	Left-axis deviation in patients with nonischemic heart failure and left bundle branch block is a purely electrical phenomenon. <i>Heart Rhythm</i> , 2021, 18, 1352-1360.	0.7	9
118	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
119	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
120	Noninvasive 3D mapping system guided ablation of anteroseptal pathway below the aortic cusp. <i>Heart Rhythm</i> , 2013, 10, 139-141.	0.7	8
121	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
122	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
123	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
124	Style Data Augmentation for Robust Segmentation of Multi-modality Cardiac MRI. <i>Lecture Notes in Computer Science</i> , 2020, , 197-208.	1.3	8
125	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
126	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

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127	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
128	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
129	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
130	Prediction of the Exit Site of Ventricular Tachycardia Based on Different ECG Lead Systems. , 0, , .		6
131	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
132	Comprehensive phenotyping of salt-induced hypertensive heart disease in living mice using cardiac magnetic resonance. <i>European Radiology</i> , 2013, 23, 332-338.	4.5	5
133	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
134	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
135	Factors predictive for delayed enhancement in cardiac resonance imaging in patients undergoing catheter ablation of premature ventricular complexes. <i>Heart Rhythm</i> O2, 2021, 2, 64-72.	1.7	5
136	Diagnosis, significance, and management of ventricular thrombi in patients referred for VT ablation. <i>Journal of Cardiovascular Electrophysiology</i> , 2021, 32, 2473-2483.	1.7	5
137	Role of endocardial ablation in eliminating an epicardial arrhythmogenic substrate in patients with Brugada syndrome. <i>Heart Rhythm</i> , 2021, 18, 1673-1681.	0.7	5
138	Intramural mapping of intramural septal ventricular arrhythmias. <i>Journal of Cardiovascular Electrophysiology</i> , 2022, 33, 975-981.	1.7	5
139	Catheter Ablation for Ventricular Tachycardia in Patients with Nonischemic Cardiomyopathy. <i>Cardiac Electrophysiology Clinics</i> , 2017, 9, 47-54.	1.7	4
140	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
141	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
142	Impact of Intramural Scar on Mapping and Ablation of Premature Ventricular Complexes. <i>JACC: Clinical Electrophysiology</i> , 2021, 7, 733-741.	3.2	4
143	Fully Automated Electrophysiological Model Personalisation Framework from CT Imaging. <i>Lecture Notes in Computer Science</i> , 2019, , 325-333.	1.3	4
144	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

#	ARTICLE	IF	CITATIONS
145	Scar-Related Ventricular Arrhythmia Prediction from Imaging Using Explainable Deep Learning. Lecture Notes in Computer Science, 2021, , 461-470.	1.3	3
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164	Prediction of Post-Ablation Outcome in Atrial Fibrillation Using Shape Parameterization and Partial Least Squares Regression. <i>Lecture Notes in Computer Science</i> , 2017, , 311-321.	1.3	1
165	In-Silico Evaluation of an Iterative Pace-Mapping Technique to Guide Catheter Ablation of Ventricular Ectopy. , 0, , .		1
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