

Claire A Martin

List of Publications by Year in descending order

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Version: 2024-02-01

77
papers

1,560
citations

279798

23
h-index

345221

36
g-index

77
all docs

77
docs citations

77
times ranked

1500
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of tip design and thermocouple location on the efficacy and safety of radiofrequency application. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2023, 66, 885-896.	1.3	6
2	Clinical implications of local impedance measurement using the IntellaNav MiFi OI ablation catheter: an ex vivo study. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2022, 63, 185-195.	1.3	15
3	Impact of a formula combining local impedance and conventional parameters on lesion size prediction. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2022, 63, 389-398.	1.3	12
4	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
5	Electrogram fractionation during sinus rhythm occurs in normal voltage atrial tissue in patients with atrial fibrillation. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2022, 45, 219-228.	1.2	3
6	Prevalence and clinical significance of conduction disease in patients with idiopathic pulmonary arterial hypertension. <i>Journal of Heart and Lung Transplantation</i> , 2022, 41, 861-865.	0.6	1
7	Comparison of two catheters measuring local impedance: local impedance variation vs lesion characteristics and steam pops. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2022, 65, 419-428.	1.3	5
8	The impact of ultra-high-density mapping on long-term outcome after catheter ablation of ventricular tachycardia. <i>Scientific Reports</i> , 2022, 12, .	3.3	0
9	PolarX Cryoballoon metrics predicting successful pulmonary vein isolation: targets for ablation of atrial fibrillation. <i>Europace</i> , 2022, 24, 1420-1429.	1.7	7
10	Creation of sinus rhythm and paced maps using a single acquisition step: the "one acquisition-two maps" technique—a feasibility study. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2021, 61, 235-243.	1.3	3
11	Cryoballoon pulmonary vein isolation as first line treatment for typical atrial flutter (CRAFT): study protocol for a randomised controlled trial. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2021, 60, 427-432.	1.3	4
12	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
13	Life-threatening junctional ectopic tachycardia storm after injury around the atrioventricular-node successfully treated by mini-pulse corticosteroid therapy. <i>Europace</i> , 2021, 23, 430-430.	1.7	1
14	Specific electrogram characteristics impact substrate ablation target area in patients with scar-related ventricular tachycardia—insights from automated ultrahigh-density mapping. <i>Journal of Cardiovascular Electrophysiology</i> , 2021, 32, 376-388.	1.7	6
15	Use of high-density activation and voltage mapping in combination with entrainment to delineate gap-related atrial tachycardias post atrial fibrillation ablation. <i>Europace</i> , 2021, 23, 1052-1062.	1.7	9
16	A Primary Prevention Clinical Risk Score Model for Patients With Brugada Syndrome (BRUGADA-RISK). <i>JACC: Clinical Electrophysiology</i> , 2021, 7, 210-222.	3.2	50
17	Novel technique targeting left ventricular summit premature ventricular contractions using radiofrequency ablation through a guidewire. <i>HeartRhythm Case Reports</i> , 2021, 7, 134-138.	0.4	3
18	Ligament of Marshall ablation for persistent atrial fibrillation. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2021, 44, 782-791.	1.2	5

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19	Management of arrhythmias in pulmonary hypertension. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2021, 62, 219-229.	1.3	2
20	A broad complex tachycardia suggesting global ischemia or repolarization abnormalities. <i>Journal of Arrhythmia</i> , 2021, 37, 1110-1113.	1.2	0
21	Differentiating atrial tachycardias with centrifugal activation: Lessons from high-resolution mapping. <i>Heart Rhythm</i> , 2021, 18, 1122-1131.	0.7	10
22	The RV1-V3 transition ratio: A novel electrocardiographic criterion for the differentiation of right versus left outflow tract premature ventricular complexes. <i>Heart Rhythm O2</i> , 2021, 2, 521-528.	1.7	11
23	Pleuritic chest pain postcatheter ablation procedure. <i>Heart</i> , 2021, 107, 1543-1602.	2.9	0
24	Impedance, power, and current in radiofrequency ablation: Insights from technical, ex vivo, and clinical studies. <i>Journal of Cardiovascular Electrophysiology</i> , 2020, 31, 2836-2845.	1.7	20
25	Perimitral flutter with a long epicardial bypass tract successfully treated by selective ethanol infusion to a branch of the vein of Marshall. <i>Europace</i> , 2020, 22, 1787-1787.	1.7	1
26	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
27	Basket catheter-guided ultra-high-density mapping of cardiac arrhythmias: a systematic review and meta-analysis. <i>Future Cardiology</i> , 2020, 16, 735-751.	1.2	3
28	Scar Tissue. <i>JACC: Clinical Electrophysiology</i> , 2020, 6, 219-220.	3.2	1
29	Mechanism of Recurrence of Atrial Tachycardia. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2020, 13, e007273.	4.8	41
30	Atrial fibrillation in Brugada syndrome: Current perspectives. <i>Journal of Cardiovascular Electrophysiology</i> , 2020, 31, 975-984.	1.7	25
31	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
32	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
33	Sudden-onset severe presyncope in a 67-year-old man. <i>Heart</i> , 2019, 105, heartjnl-2018-314118.	2.9	0
34	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
35	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
36	Three-dimensional image integration guidance for cryoballoon pulmonary vein isolation procedures. <i>Journal of Cardiovascular Electrophysiology</i> , 2019, 30, 2790-2796.	1.7	11

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37	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
38	The role of Marshall bundle epicardial connections in atrial tachycardias after atrial fibrillation ablation. <i>Heart Rhythm</i> , 2019, 16, 1341-1347.	0.7	62
39	Effect of Activation Wavefront on Electrogram Characteristics During Ventricular Tachycardia Ablation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2019, 12, e007293.	4.8	21
40	Ethanol infusion for Marshall bundle epicardial connections in Marshall bundle-related atrial tachycardias following atrial fibrillation ablation: The accessibility and success rate of ethanol infusion by using a femoral approach. <i>Journal of Cardiovascular Electrophysiology</i> , 2019, 30, 1443-1451.	1.7	27
41	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
42	Two consecutive ATs demonstrating a centrifugal pattern; What is the mechanism?. <i>Journal of Cardiovascular Electrophysiology</i> , 2019, 30, 978-980.	1.7	3
43	Use of Novel Electrogram "Lumipoint" Algorithm to Detect Critical Isthmus and Abnormal Potentials for Ablation in Ventricular Tachycardia. <i>JACC: Clinical Electrophysiology</i> , 2019, 5, 470-479.	3.2	34
44	Predictive factors for residual hypertension following aortic coarctation stenting. <i>Journal of Clinical Hypertension</i> , 2019, 21, 291-298.	2.0	9
45	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
46	A simple mechanism underlying the behavior of reentrant atrial tachycardia during ablation. <i>Heart Rhythm</i> , 2019, 16, 553-561.	0.7	17
47	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
48	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
49	Characteristics of Single-Loop Macroreentrant Biatrial Tachycardia Diagnosed by Ultrahigh-Resolution Mapping System. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2018, 11, e005558.	4.8	57
50	Inherited Conduction Disease and Atrial Fibrillation. , 2018, , 481-522.		0
51	Improved outcome and cost effectiveness in ablation of persistent atrial fibrillation under general anaesthetic. <i>Europace</i> , 2018, 20, 935-942.	1.7	27
52	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
53	Characteristics of Scar-Related Ventricular Tachycardia Circuits Using Ultra-High-Density Mapping. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2018, 11, e006569.	4.8	72
54	Mapping and Ablation of Idiopathic Ventricular Fibrillation. <i>Frontiers in Cardiovascular Medicine</i> , 2018, 5, 123.	2.4	26

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55	Left atrial voltage mapping using a new impedance-based algorithm in patients with paroxysmal atrial fibrillation. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2018, 41, 1447-1453.	1.2	7
56	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
57	Comprehensive Multicenter Study of the Common Isthmus in Post-Atrial Fibrillation Ablation Multiple-Loop Atrial Tachycardia. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2018, 11, e006019.	4.8	34
58	Simple and novel technique to confirm complete mitral isthmus block. <i>Journal of Cardiovascular Electrophysiology</i> , 2018, 29, 1379-1387.	1.7	2
59	First clinical use of novel ablation catheter incorporating local impedance data. <i>Journal of Cardiovascular Electrophysiology</i> , 2018, 29, 1197-1206.	1.7	59
60	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
61	Ablation of Complex Fractionated Electrograms Improves Outcome in Persistent Atrial Fibrillation of Over 2 Years' Duration. <i>Journal of Atrial Fibrillation</i> , 2018, 10, 1607.	0.5	8
62	Syncope in a young man: Role of Purkinje fibres in idiopathic ventricular fibrillation. <i>Indian Pacing and Electrophysiology Journal</i> , 2017, 17, 113-115.	0.6	4
63	Palpitations in a 72-year-old woman. <i>Heart</i> , 2017, 103, 1554-1555.	2.9	1
64	Panoramic atrial mapping with basket catheters: A quantitative analysis to optimize practice, patient selection, and catheter choice. <i>Journal of Cardiovascular Electrophysiology</i> , 2017, 28, 1423-1432.	1.7	24
65	Use of general anaesthesia in catheter ablation of persistent af: improved outcome and cost effectiveness. <i>Heart</i> , 2017, 103, A27-A28.	2.9	0
66	Holiday Shocker: An Unusual Cause of Implantable Cardioverter Defibrillator Therapy. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2015, 38, 1114-1116.	1.2	0
67	Unusual cause of poor response to cardiac resynchronisation therapy. <i>Heart</i> , 2014, 100, 514-514.	2.9	6
68	The role of ion channelopathies in sudden cardiac death: Implications for clinical practice. <i>Annals of Medicine</i> , 2013, 45, 364-374.	3.8	12
69	Sudden cardiac death and inherited channelopathy: the basic electrophysiology of the myocyte and myocardium in ion channel disease. <i>Heart</i> , 2012, 98, 536-543.	2.9	67
70	Reduced Na ⁺ and higher K ⁺ channel expression and function contribute to right ventricular origin of arrhythmias in Scn5a ^{+/-} mice. <i>Open Biology</i> , 2012, 2, 120072.	3.6	32
71	Refractory dispersion promotes conduction disturbance and arrhythmias in a Scn5a ^{+/-} mouse model. <i>Pflugers Archiv European Journal of Physiology</i> , 2011, 462, 495-504.	2.8	25
72	Recent Developments in the Management of Patients at Risk for Sudden Cardiac Death. <i>Postgraduate Medicine</i> , 2011, 123, 84-94.	2.0	8

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73	Mapping of reentrant spontaneous polymorphic ventricular tachycardia in a <i>Scn5a</i> ^{+/Δ} mouse model. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2011, 300, H1853-H1862.	3.2	35
74	Spatial and temporal heterogeneities are localized to the right ventricular outflow tract in a heterozygotic <i>Scn5a</i> mouse model. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2011, 300, H605-H616.	3.2	26
75	In vivo studies of <i>Scn5a</i> ^{+/Δ} mice modeling Brugada syndrome demonstrate both conduction and repolarization abnormalities. <i>Journal of Electrocardiology</i> , 2010, 43, 433-439.	0.9	41
76	Increased Right Ventricular Repolarization Gradients Promote Arrhythmogenesis in a Murine Model of Brugada Syndrome. <i>Journal of Cardiovascular Electrophysiology</i> , 2010, 21, 1153-1159.	1.7	39
77	Progressive Conduction Diseases. <i>Cardiac Electrophysiology Clinics</i> , 2010, 2, 509-519.	1.7	8