Ghassen Cheniti

List of Publications by Year
in descending order

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111	2,224	218677	276875
papers	citations	26 h-index	41 g-index

118	118	118	1955
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effect of electrode size and spacing on electrograms: Optimized electrode configuration for near-field electrogram characterization. Heart Rhythm, 2022, 19, 102-112.	0.7	16
2	Multisite conduction block in the epicardial substrate of Brugada syndrome. Heart Rhythm, 2022, 19, 417-426.	0.7	20
3	Optimized Computed Tomography Acquisition Protocol for Ethanol Infusion Into the Vein of Marshall. JACC: Clinical Electrophysiology, 2022, 8, 168-178.	3.2	7
4	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
5	Electrogram fractionation during sinus rhythm occurs in normal voltage atrial tissue in patients with atrial fibrillation. PACE - Pacing and Clinical Electrophysiology, 2022, 45, 219-228.	1.2	3
6	Preoperative personalization of atrial fibrillation ablation strategy to prevent esophageal injury: Impact of changes in esophageal position. Journal of Cardiovascular Electrophysiology, 2022, , .	1.7	2
7	Strategy for repeat procedures in patients with persistent atrial fibrillation: Systematic linear ablation with adjunctive ethanol infusion into the vein of Marshall versus electrophysiologyâ€guided ablation. Journal of Cardiovascular Electrophysiology, 2022, 33, 1116-1124.	1.7	4
8	Distribution of atrial low voltage induced by vein of Marshall ethanol infusion. Journal of Cardiovascular Electrophysiology, 2022, 33, 1687-1693.	1.7	8
9	Malignant Purkinje ectopy induced by sodium channel blockers. Heart Rhythm, 2022, 19, 1595-1603.	0.7	8
10	Epicardial course of the septopulmonary bundle: Anatomical considerations and clinical implications for roof line completion. Heart Rhythm, 2021, 18, 349-357.	0.7	62
11	Ventriculoatrial interval variation following atrio-His block during wide-QRS-complex tachycardia with 1:1 ventriculoatrial relationship: What is the diagnosis?. Journal of Electrocardiology, 2021, 64, 12-13.	0.9	0
12	Temperature- and flow-controlled ablation/very-high-power short-duration ablation vs conventional power-controlled ablation: Comparison of focal and linear lesion characteristics. Heart Rhythm, 2021, 18, 553-561.	0.7	26
13	Highâ€risk atrioventricular block in Brugada syndrome patients with a history of syncope. Journal of Cardiovascular Electrophysiology, 2021, 32, 772-781.	1.7	4
14	Use of high-density activation and voltage mapping in combination with entrainment to delineate gap-related atrial tachycardias post atrial fibrillation ablation. Europace, 2021, 23, 1052-1062.	1.7	9
15	Ligament of Marshall ablation for persistent atrial fibrillation. PACE - Pacing and Clinical Electrophysiology, 2021, 44, 782-791.	1.2	5
16	Varying physiologic ventricular resynchronization with changes in atrial rhythm in a patient with a right-sided accessory pathway and right bundle branch block. Journal of Electrocardiology, 2021, 66, 122-124.	0.9	0
17	The role of marshall bundle epicardial connections in atrial tachycardias after atrial fibrillation ablation. Europace, 2021, 23, .	1.7	0
18	Pulsed field ablation selectively spares the oesophagus during pulmonary vein isolation for atrial fibrillation. Europace, 2021, 23, 1391-1399.	1.7	82

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19	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
20	Mechanism of premature ventricular complexes in a patient with ischemic cardiomyopathy. Journal of Cardiovascular Electrophysiology, 2021, 32, 1982-1984.	1.7	1
21	Accuracy of automatic abnormal potential annotation for substrate identification in scarâ€related ventricular tachycardia. Journal of Cardiovascular Electrophysiology, 2021, 32, 2216-2224.	1.7	2
22	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
23	Differentiating atrial tachycardias with centrifugal activation: Lessons from high-resolution mapping. Heart Rhythm, 2021, 18, 1122-1131.	0.7	10
24	Significance of manifest localized staining during ethanol infusion into the vein of Marshall. Heart Rhythm, 2021, 18, 1057-1063.	0.7	4
25	How to perform ethanol ablation of the vein of Marshall for treatment of atrial fibrillation. Heart Rhythm, 2021, 18, 1083-1087.	0.7	11
26	Persistent atrial fibrillation ablation in cardiac laminopathy: Electrophysiological findings and clinical outcomes. Heart Rhythm, 2021, 18, 1115-1121.	0.7	4
27	Epicardial course of the musculature related to the great cardiac vein: Anatomical considerations and clinical implications for mitral isthmus block after vein of Marshall ethanol infusion. Heart Rhythm, 2021, 18, 1951-1958.	0.7	15
28	B-PO02-118 LEFT ATRIAL FUNCTION AFTER SUCCESSFUL ABLATION FOR PERSISTENT ATRIAL FIBRILLATION USING THE MARSHALL-PLAN STRATEGY. Heart Rhythm, 2021, 18, S145-S146.	0.7	0
29	B-PO05-105 VEIN OF MARSHALL ETHANOL INJECTION IN ATRIAL FIBRILLATION PATIENTS WITH LEFT VENTRICULAR CARDIAC RESYNCHRONIZATION THERAPY LEADS IN THE CORONARY SINUS. Heart Rhythm, 2021, 18, S414-S415.	0.7	1
30	B-PO04-171 SUBTLE ABNORMALITIES OF REPOLARIZATION IN PATIENTS WITH IDIOPATHIC VF. Heart Rhythm, 2021, 18, S348.	0.7	0
31	B-PO03-084 CATHETER ABLATION FOR ATRIAL FIBRILLATION IN HYPERTHYROID PATIENTS. Heart Rhythm, 2021, 18, S222-S223.	0.7	0
32	B-PO03-074 COMPARATIVE ANALYSIS OF THE MARSHALL-PLAN AND DRIVER-GUIDED ABLATION WITH ARRHYTHMIA TERMINATION AS PROCEDURAL ENDPOINT IN PATIENTS WITH PERSISTENT ATRIAL FIBRILLATION. Heart Rhythm, 2021, 18, S218-S219.	0.7	0
33	B-AB12-02 VEIN OF MARSHALL ETHANOL INFUSION: FEASIBILITY, PITFALLS, AND COMPLICATIONS IN OVER 700 PATIENTS. Heart Rhythm, 2021, 18, S23.	0.7	0
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	Characteristics of macroreentrant atrial tachycardias using an anatomical bypass: Pseudoâ€focal atrial tachycardia case series. Journal of Cardiovascular Electrophysiology, 2021, 32, 2451-2461.	1.7	11
36	Purkinje triggers of ventricular fibrillation in patients with hypertrophic cardiomyopathy. Journal of Cardiovascular Electrophysiology, 2021, 32, 2987-2994.	1.7	11

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37	Role of endocardial ablation in eliminating an epicardial arrhythmogenic substrate in patients with Brugada syndrome. Heart Rhythm, 2021, 18, 1673-1681.	0.7	5
38	Sex differences in the origin of Purkinje ectopy-initiated idiopathic ventricular fibrillation. Heart Rhythm, 2021, 18, 1647-1654.	0.7	15
39	Right ventricular outflow tract electroanatomical abnormalities in asymptomatic and highâ€risk symptomatic patients with Brugada syndrome: Evidence for a new risk stratification tool?. Journal of Cardiovascular Electrophysiology, 2021, 32, 2997-3007.	1.7	11
40	Catheter Ablation for Atrial Fibrillation in Hyperthyroid Patients. Circulation: Arrhythmia and Electrophysiology, 2021, 14, e010200.	4.8	1
41	Radiofrequency ablation of ventricular fibrillation. Heart Rhythm, 2021, 18, 2016-2017.	0.7	1
42	Evaluation of the QT interval in patients with drugâ€induced QT prolongation and torsades de pointes. Journal of Cardiovascular Electrophysiology, 2020, 31, 2696-2701.	1.7	1
43	Impedance, power, and current in radiofrequency ablation: Insights from technical, ex vivo, and clinical studies. Journal of Cardiovascular Electrophysiology, 2020, 31, 2836-2845.	1.7	20
44	Impact of Vein of Marshall Ethanol Infusion on Mitral Isthmus Block. Circulation: Arrhythmia and Electrophysiology, 2020, 13, e008884.	4.8	49
45	Nearâ€field signals detected by a standard bipolar electrode without detection of corresponding signals by microelectrode: What is the mechanism?. Journal of Cardiovascular Electrophysiology, 2020, 31, 1851-1853.	1.7	1
46	Idiopathic Ventricular Fibrillation. JACC: Clinical Electrophysiology, 2020, 6, 591-608.	3.2	60
47	Acute and mid-term outcome of ethanol infusion of vein of Marshall for the treatment of perimitral flutter. Europace, 2020, 22, 1252-1260.	1.7	24
48	Mechanism of Recurrence of Atrial Tachycardia. Circulation: Arrhythmia and Electrophysiology, 2020, 13, e007273.	4.8	41
49	Atrial fibrillation in Brugada syndrome: Current perspectives. Journal of Cardiovascular Electrophysiology, 2020, 31, 975-984.	1.7	25
50	In silico analysis of the relation between conventional and highâ€power shortâ€duration RF ablation settings and resulting lesion metrics. Journal of Cardiovascular Electrophysiology, 2020, 31, 1332-1339.	1.7	12
51	Atrial tachycardia circuits include low voltage area from index atrial fibrillation ablation relationship between RF ablation lesion and AT. Journal of Cardiovascular Electrophysiology, 2020, 31, 1640-1648.	1.7	9
52	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
53	Postâ€“Myocardial Infarction Scar With Fat Deposition Shows Specific Electrophysiological Properties and Worse Outcome After Ventricular Tachycardia Ablation. Journal of the American Heart Association, 2019, 8, e012482.	3.7	24
54	Is it feasible to offer â€˜targeted ablationâ€™ of ventricular tachycardia circuits with better understanding of isthmus anatomy and conduction characteristics?. Europace, 2019, 21, i27-i33.	1.7	10

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55	Larger and deeper ventricular lesions using a novel expandable spherical monopolar irrigated radiofrequency ablation catheter. Journal of Cardiovascular Electrophysiology, 2019, 30, 1644-1651.	1.7	2
56	Are wall thickness channels defined by computed tomography predictive of isthmuses of postinfarction ventricular tachycardia?. Heart Rhythm, 2019, 16, 1661-1668.	0.7	47
57	Ultraâ€“High-Density Activation Mapping to Aid Isthmus Identification of Atrial Tachycardias in Congenital Heart Disease. JACC: Clinical Electrophysiology, 2019, 5, 1459-1472.	3.2	15
58	Threeâ€dimensional image integration guidance for cryoballoon pulmonary vein isolation procedures. Journal of Cardiovascular Electrophysiology, 2019, 30, 2790-2796.	1.7	11
59	Impact of Spacing and Orientation on the Scar Threshold With a High-Density Grid Catheter. Circulation: Arrhythmia and Electrophysiology, 2019, 12, e007158.	4.8	22
60	Mapping and Ablation of Ventricular Fibrillation Associated With Early Repolarization Syndrome. Circulation, 2019, 140, 1477-1490.	1.6	80
61	The role of Marshall bundle epicardial connections in atrial tachycardias after atrial fibrillation ablation. Heart Rhythm, 2019, 16, 1341-1347.	0.7	62
62	Effect of Activation Wavefront on Electrogram Characteristics During Ventricular Tachycardia Ablation. Circulation: Arrhythmia and Electrophysiology, 2019, 12, e007293.	4.8	21
63	Ethanol infusion for Marshall bundle epicardial connections in Marshall bundleâ€related atrial tachycardias following atrial fibrillation ablation: The accessibility and success rate of ethanol infusion by using a femoral approach. Journal of Cardiovascular Electrophysiology, 2019, 30, 1443-1451.	1.7	27
64	Insights from atrial surface activation throughout atrial tachycardia cycle length: A new mapping tool. Heart Rhythm, 2019, 16, 1652-1660.	0.7	31
65	Relationship between atrial scar on cardiac magnetic resonance and pulmonary vein reconnection after catheter ablation for paroxysmal atrial fibrillation. Journal of Cardiovascular Electrophysiology, 2019, 30, 727-740.	1.7	18
66	Idiopathic ventricular fibrillation with repetitive activity inducible within the distal Purkinje system. Heart Rhythm, 2019, 16, 1268-1272.	0.7	21
67	Use of Novel Electrogram â€œLumipointâ€•Algorithm to Detect Critical Isthmus and Abnormal Potentials for Ablation in Ventricular Tachycardia. JACC: Clinical Electrophysiology, 2019, 5, 470-479.	3.2	34
68	Noninvasive Mapping and Electrocardiographic Imaging in Atrial and Ventricular Arrhythmias (CardioInsight). Cardiac Electrophysiology Clinics, 2019, 11, 459-471.	1.7	20
69	Does Ventricular Tachycardia Ablation Targeting Local Abnormal Ventricular Activity Elimination Reduce Ventricular Fibrillation Incidence?. Circulation: Arrhythmia and Electrophysiology, 2019, 12, e006857.	4.8	5
70	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
71	Depolarization versus repolarization abnormality underlying inferolateral J-wave syndromes: New concepts in sudden cardiac death with apparently normal hearts. Heart Rhythm, 2019, 16, 781-790.	0.7	52
72	Detailed Analysis of the Relation BetweenÂBipolar Electrode Spacing and Far- and Near-Field Electrograms. JACC: Clinical Electrophysiology, 2019, 5, 66-77.	3.2	23

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73	A simple mechanism underlying the behavior of reentrant atrial tachycardia during ablation. Heart Rhythm, 2019, 16, 553-561.	0.7	17
74	Detailed comparison between the wall thickness and voltages in chronic myocardial infarction. Journal of Cardiovascular Electrophysiology, 2019, 30, 195-204.	1.7	20
75	Substrate Mapping and Ablation for Ventricular Tachycardia in Patients with Structural Heart Disease: How to Identify Ventricular Tachycardia Substrate. Journal of Innovations in Cardiac Rhythm Management, 2019, 10, 3565-3580.	0.5	16
76	Double loop reentrant atrial tachycardia following ablation for atrioventricular nodal reentrant tachycardia. Journal of Electrocardiology, 2018, 51, 677-679.	0.9	0
77	Arrhythmogenic response to isoproterenol testing vs. exercise testing in arrhythmogenic right ventricular cardiomyopathy patients. Europace, 2018, 20, f30-f36.	1.7	18
78	Long-Term Outcome of Substrate Modification in Ablation of Postâ€“Myocardial Infarction Ventricular Tachycardia. Circulation: Arrhythmia and Electrophysiology, 2018, 11, e005635.	4.8	51
79	Highâ€density contact and noninvasive mapping of focal atrial tachycardia: Evidence of dual endocardial exits from an epicardial focus. PACE - Pacing and Clinical Electrophysiology, 2018, 41, 666-668.	1.2	6
80	Characteristics of Single-Loop Macroreentrant Biatrial Tachycardia Diagnosed by Ultrahigh-Resolution Mapping System. Circulation: Arrhythmia and Electrophysiology, 2018, 11, e005558.	4.8	57
81	Influence of contact force on voltage mapping: A combined magnetic resonance imaging and electroanatomic mapping study in patients with tetralogy of Fallot. Heart Rhythm, 2018, 15, 1198-1205.	0.7	8
82	Atrial tachycardias: Cause or effect with ablation of persistent atrial fibrillation?. Journal of Cardiovascular Electrophysiology, 2018, 29, 274-283.	1.7	12
83	Revisiting anatomic macroreentrant tachycardia after atrial fibrillation ablation using ultrahigh-resolution mapping: Implications for ablation. Heart Rhythm, 2018, 15, 326-333.	0.7	73
84	Electrogram signature of specific activation patterns: Analysis of atrial tachycardias at high-density endocardial mapping. Heart Rhythm, 2018, 15, 28-37.	0.7	66
85	Early Repolarization Syndrome: Diagnostic and Therapeutic Approach. Frontiers in Cardiovascular Medicine, 2018, 5, 169.	2.4	26
86	Impairment of the antegrade fast pathway in patients with atrioventricular nodal reentrant tachycardia can be functional and treated by slow pathway ablation: a case report study. European Heart Journal - Case Reports, 2018, 2, yty078.	0.6	3
87	Characteristics of Scar-Related Ventricular Tachycardia Circuits Using Ultra-High-Density Mapping. Circulation: Arrhythmia and Electrophysiology, 2018, 11, e006569.	4.8	72
88	Atrial Fibrillation Mechanisms and Implications for Catheter Ablation. Frontiers in Physiology, 2018, 9, 1458.	2.8	58
89	Mapping and Ablation of Idiopathic Ventricular Fibrillation. Frontiers in Cardiovascular Medicine, 2018, 5, 123.	2.4	26
90	Highâ€power shortâ€duration versus standard radiofrequency ablation: Insights on lesion metrics. Journal of Cardiovascular Electrophysiology, 2018, 29, 1570-1575.	1.7	159

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91	Comprehensive Multicenter Study of the Common Isthmus in Postâ€“Atrial Fibrillation Ablation Multiple-Loop Atrial Tachycardia. Circulation: Arrhythmia and Electrophysiology, 2018, 11, e006019.	4.8	34
92	Maximal Pre-Excitation Based Algorithm for Localization of Manifest Accessory Pathways in Adults. JACC: Clinical Electrophysiology, 2018, 4, 1052-1061.	3.2	22
93	Atrial tachycardia after conversion to extra-cardiac Fontan conduit: critical role of surgery-related electrical gaps. Europace, 2018, 20, 2035-2035.	1.7	0
94	Localized Structural Alterations Underlying a Subset of Unexplained Sudden Cardiac Death. Circulation: Arrhythmia and Electrophysiology, 2018, 11, e006120.	4.8	67
95	Effect of bipolar electrode orientation on local electrogram properties. Heart Rhythm, 2018, 15, 1853-1861.	0.7	46
96	First clinical use of novel ablation catheter incorporating local impedance data. Journal of Cardiovascular Electrophysiology, 2018, 29, 1197-1206.	1.7	59
97	Multiple narrow complex tachycardias: What are the mechanisms?. PACE - Pacing and Clinical Electrophysiology, 2017, 40, 728-731.	1.2	1
98	Is VF an Ablatable Rhythm?. Current Treatment Options in Cardiovascular Medicine, 2017, 19, 14.	0.9	9
99	Catheter Ablation for Ventricular Tachycardia in Patients with Nonischemic Cardiomyopathy. Cardiac Electrophysiology Clinics, 2017, 9, 47-54.	1.7	4
100	P386Relationship between scar and atrial tachycardia mechanisms: insight from registered magnetic resonance and ultra-high density activation mapping using the Rhythmia system. Europace, 2017, 19, iii75-iii76.	1.7	0
101	P385Relationship of voltage and EGM duration at sites of fractionation during atrial tachycardias and paced rhythms. Europace, 2017, 19, iii75-iii75.	1.7	1
102	752Long-term outcome of LAVA elimination in ablation of post-myocardial infarction ventricular tachycardia. Europace, 2017, 19, iii135-iii135.	1.7	0
103	1219Comparison of procedural endpoints for ablation of post-myocardial infarction ventricular tachycardia. Europace, 2017, 19, iii251-iii251.	1.7	0
104	P1393Pattern and timing of coronary sinus activation in complex atrial tachycardia. Europace, 2017, 19, iii274-iii274.	1.7	0
105	P253Can EGM fractionation occur in healthy tissue? Electrophysiological mechanism and significance during atrial tachycardia rhythm. Europace, 2017, 19, iii31-iii31.	1.7	0
106	P1112Long-term outcome of LAVA elimination in ablation of post-myocardial infarction ventricular tachycardia. European Heart Journal, 2017, 38, .	2.2	0
107	37Effect of activation wavefront on electrogram characteristics during ventricular tachycardia ablation. Europace, 2017, 19, i16-i16.	1.7	3
108	77USe of ultra-high density activation mapping to aid isthmus identification in atrial macro-reentrant tachycardias in complex congenital heart disease. Europace, 2017, 19, i34-i34.	1.7	0

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109	Frontiers in non-invasive cardiac mapping: future implications for arrhythmia treatment. Minerva Cardiology and Angiology, 2017, 66, 75-82.	0.7	4
110	209-05: Does flecainide pre-treatment helps to identify the most important players?. Europace, 2016, 18, i141-i141.	1.7	2
111	216-28: Electrophysiological effects of amiodarone in patients with persistent atrial fibrillation. Europace, 2016, 18, i148-i148.	1.7	2