

Mathew D Hutchinson

List of Publications by Year in descending order

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109
papers

5,930
citations

61984

43
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71685

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113
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docs citations

113
times ranked

3745
citing authors

#	ARTICLE	IF	CITATIONS
1	Endocardial Unipolar Voltage Mapping to Detect Epicardial Ventricular Tachycardia Substrate in Patients With Nonischemic Left Ventricular Cardiomyopathy. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2011, 4, 49-55.	4.8	345
2	Electroanatomic Substrate and Ablation Outcome for Suspected Epicardial Ventricular Tachycardia in Left Ventricular Nonischemic Cardiomyopathy. <i>Journal of the American College of Cardiology</i> , 2009, 54, 799-808.	2.8	317
3	Randomized Ablation Strategies for the Treatment of Persistent Atrial Fibrillation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2012, 5, 287-294.	4.8	225
4	Endocardial unipolar voltage mapping to identify epicardial substrate in arrhythmogenic right ventricular cardiomyopathy/dysplasia. <i>Heart Rhythm</i> , 2011, 8, 76-83.	0.7	223
5	Prevalence and distribution of focal triggers in persistent and long-standing persistent atrial fibrillation. <i>Heart Rhythm</i> , 2016, 13, 374-382.	0.7	213
6	Long-Term Outcome After Successful Catheter Ablation of Atrial Fibrillation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2010, 3, 237-242.	4.8	197
7	Long-Term Clinical Efficacy and Risk of Catheter Ablation for Atrial Fibrillation in the Elderly. <i>Journal of Cardiovascular Electrophysiology</i> , 2008, 19, 621-626.	1.7	169
8	Reversal of outflow tract ventricular premature depolarization-induced cardiomyopathy with ablation: Effect of residual arrhythmia burden and preexisting cardiomyopathy on outcome. <i>Heart Rhythm</i> , 2011, 8, 1608-1614.	0.7	161
9	Long-Term Outcome With Catheter Ablation of Ventricular Tachycardia in Patients With Arrhythmogenic Right Ventricular Cardiomyopathy. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2015, 8, 1413-1421.	4.8	154
10	Isolated septal substrate for ventricular tachycardia in nonischemic dilated cardiomyopathy: Incidence, characterization, and implications. <i>Heart Rhythm</i> , 2011, 8, 1169-1176.	0.7	150
11	Idiopathic ventricular arrhythmias originating from the moderator band: Electrocardiographic characteristics and treatment by catheter ablation. <i>Heart Rhythm</i> , 2015, 12, 67-75.	0.7	141
12	Acute Hemodynamic Decompensation During Catheter Ablation of Scar-Related Ventricular Tachycardia. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2015, 8, 68-75.	4.8	139
13	Antiarrhythmics After Ablation of Atrial Fibrillation (5A Study). <i>Circulation: Arrhythmia and Electrophysiology</i> , 2011, 4, 11-14.	4.8	137
14	Antiarrhythmics After Ablation of Atrial Fibrillation (5A Study). <i>Circulation</i> , 2009, 120, 1036-1040.	1.6	133
15	Percutaneous Epicardial Ablation of Ventricular Arrhythmias Arising From the Left Ventricular Summit. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2015, 8, 337-343.	4.8	132
16	Predictors of recovery of left ventricular dysfunction after ablation of frequent ventricular premature depolarizations. <i>Heart Rhythm</i> , 2012, 9, 1465-1472.	0.7	123
17	Long-Term Outcome After Catheter Ablation of Ventricular Tachycardia in Patients With Nonischemic Dilated Cardiomyopathy. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2016, 9, .	4.8	120
18	Ablation of ventricular arrhythmias arising near the anterior epicardial veins from the left sinus of Valsalva region: ECG features, anatomic distance, and outcome. <i>Heart Rhythm</i> , 2012, 9, 865-873.	0.7	119

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19	Electrocardiographic and electrophysiologic features of ventricular arrhythmias originating from the right/left coronary cusp commissure. <i>Heart Rhythm</i> , 2010, 7, 312-322.	0.7	117
20	Catheter ablation of ventricular fibrillation: Importance of left ventricular outflow tract and papillary muscle triggers. <i>Heart Rhythm</i> , 2014, 11, 566-573.	0.7	117
21	Predictors of Finding Occult Atrial Fibrillation After Cryptogenic Stroke. <i>Stroke</i> , 2015, 46, 1210-1215.	2.0	113
22	Relationship Between Voltage Map "Channels" and the Location of Critical Isthmus Sites in Patients With Post-Infarction Cardiomyopathy and Ventricular Tachycardia. <i>Journal of the American College of Cardiology</i> , 2013, 61, 2088-2095.	2.8	111
23	Efforts to enhance catheter stability improve atrial fibrillation ablation outcome. <i>Heart Rhythm</i> , 2013, 10, 347-353.	0.7	106
24	Noninvasive Programmed Ventricular Stimulation Early After Ventricular Tachycardia Ablation to Predict Risk of Late Recurrence. <i>Journal of the American College of Cardiology</i> , 2012, 59, 1529-1535.	2.8	92
25	Assessing Arrhythmia Burden After Catheter Ablation of Atrial Fibrillation Using an Implantable Loop Recorder: The ABACUS Study. <i>Journal of Cardiovascular Electrophysiology</i> , 2013, 24, 875-881.	1.7	92
26	Localization of Atrial Fibrillation Triggers in Patients Undergoing Pulmonary Vein Isolation. <i>Journal of the American College of Cardiology</i> , 2008, 52, 1413-1420.	2.8	90
27	Efficacy and Risk of Atrial Fibrillation Ablation Before 45 Years of Age. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2010, 3, 452-457.	4.8	88
28	Assessing Epicardial Substrate Using Intracardiac Echocardiography During VT Ablation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2011, 4, 667-673.	4.8	88
29	An Organized Approach to the Localization, Mapping, and Ablation of Outflow Tract Ventricular Arrhythmias. <i>Journal of Cardiovascular Electrophysiology</i> , 2013, 24, 1189-1197.	1.7	82
30	New Unipolar Electrogram Criteria to Identify Irreversibility of Nonischemic Left Ventricular Cardiomyopathy. <i>Journal of the American College of Cardiology</i> , 2012, 60, 2194-2204.	2.8	77
31	Characterization of the phrenic nerve course within the epicardial substrate of patients with nonischemic cardiomyopathy and ventricular tachycardia. <i>Heart Rhythm</i> , 2009, 6, 59-64.	0.7	76
32	Surgical Ablation of Refractory Ventricular Tachycardia in Patients With Nonischemic Cardiomyopathy. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2011, 4, 494-500.	4.8	75
33	Long-Term Outcomes of Catheter Ablation of Ventricular Tachycardia in Patients With Cardiac Sarcoidosis. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2016, 9, .	4.8	72
34	Intracardiac Echocardiographic Diagnosis of Thrombus Formation in the Left Atrial Appendage: A Complementary Role to Transesophageal Echocardiography. <i>Echocardiography</i> , 2013, 30, 72-80.	0.9	71
35	Pulmonary Vein Antral Isolation and Nonpulmonary Vein Trigger Ablation without Additional Substrate Modification for Treating Longstanding Persistent Atrial Fibrillation. <i>Journal of Cardiovascular Electrophysiology</i> , 2012, 23, 806-813.	1.7	68
36	Idiopathic right ventricular arrhythmias not arising from the outflow tract: Prevalence, electrocardiographic characteristics, and outcome of catheter ablation. <i>Heart Rhythm</i> , 2011, 8, 511-518.	0.7	66

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37	Early recurrence of atrial arrhythmias following pulmonary vein antral isolation: Timing and frequency of early recurrences predicts long-term ablation success. <i>Heart Rhythm</i> , 2015, 12, 2461-2468.	0.7	65
38	Ventricular arrhythmias from the coronary venous system: Prevalence, mapping, and ablation. <i>Heart Rhythm</i> , 2015, 12, 1145-1153.	0.7	63
39	Characterization of Trans-septal Activation During Septal Pacing. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2013, 6, 1123-1130.	4.8	59
40	Effect of pulmonary vein isolation on the distribution of complex fractionated electrograms in humans. <i>Heart Rhythm</i> , 2009, 6, 156-160.	0.7	58
41	Complex Fractionated Electrogram Distribution and Temporal Stability in Patients Undergoing Atrial Fibrillation Ablation. <i>Journal of Cardiovascular Electrophysiology</i> , 2008, 19, 815-820.	1.7	55
42	Electrophysiologic Findings and Long-Term Outcomes in Patients Undergoing Third or More Catheter Ablation Procedures for Atrial Fibrillation. <i>Journal of Cardiovascular Electrophysiology</i> , 2015, 26, 371-377.	1.7	55
43	Lack of Uniform Progression of Endocardial Scar in Patients With Arrhythmogenic Right Ventricular Dysplasia/Cardiomyopathy and Ventricular Tachycardia. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2010, 3, 332-338.	4.8	43
44	Inducibility of Atrial Fibrillation and Flutter Following Pulmonary Vein Ablation. <i>Journal of Cardiovascular Electrophysiology</i> , 2013, 24, 617-623.	1.7	41
45	Right Atrial Approach for Ablation of Ventricular Arrhythmias Arising From the Left Posterior-Superior Process of the Left Ventricle. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2016, 9, .	4.8	41
46	Percutaneous cryoablation for papillary muscle ventricular arrhythmias after failed radiofrequency catheter ablation. <i>Journal of Cardiovascular Electrophysiology</i> , 2018, 29, 1654-1663.	1.7	40
47	Remifentanyl-Midazolam Sedation Provides Hemodynamic Stability and Comfort During Epicardial Ablation of Ventricular Tachycardia. <i>Journal of Cardiovascular Electrophysiology</i> , 2011, 22, 464-466.	1.7	39
48	Outcomes of Catheter Ablation of Idiopathic Outflow Tract Ventricular Arrhythmias With an R Wave Pattern Break in Lead V2: A Distinct Clinical Entity. <i>Journal of Cardiovascular Electrophysiology</i> , 2017, 28, 504-514.	1.7	39
49	Risk of Stroke or Transient Ischemic Attack After Atrial Fibrillation Ablation with Oral Anticoagulant Use Guided by ECG Monitoring and Pulse Assessment. <i>Journal of Cardiovascular Electrophysiology</i> , 2014, 25, 591-596.	1.7	38
50	Scar progression in patients with nonischemic cardiomyopathy and ventricular arrhythmias. <i>Heart Rhythm</i> , 2014, 11, 755-762.	0.7	33
51	Pulmonary Vein Antral Isolation and Nonpulmonary Vein Trigger Ablation Are Sufficient to Achieve Favorable Long-Term Outcomes Including Transformation to Paroxysmal Arrhythmias in Patients With Persistent and Long-Standing Persistent Atrial Fibrillation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2016, 9, .	4.8	29
52	Sinus Rhythm ECG Criteria Associated with Basal-Lateral Ventricular Tachycardia Substrate in Patients with Nonischemic Cardiomyopathy. <i>Journal of Cardiovascular Electrophysiology</i> , 2011, 22, 1351-1358.	1.7	28
53	A Study to Improve Communication Between Clinicians and Patients With Advanced Heart Failure: Methods and Challenges Behind the Working to Improve Discussions About Defibrillator Management Trial. <i>Journal of Pain and Symptom Management</i> , 2014, 48, 1236-1246.	1.2	28
54	Feasibility of catheter ablation of mitral annular flutter in patients with prior mitral valve surgery. <i>Heart Rhythm</i> , 2011, 8, 809-814.	0.7	27

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55	Recurrent atrial arrhythmias in the setting of chronic pulmonary vein isolation. <i>Heart Rhythm</i> , 2016, 13, 2174-2180.	0.7	27
56	Improving Communication in Heart Failure Patient Care. <i>Journal of the American College of Cardiology</i> , 2019, 74, 1682-1692.	2.8	25
57	Nonischemic cardiomyopathy substrate and ventricular tachycardia in the setting of coronary artery disease. <i>Heart Rhythm</i> , 2013, 10, 1622-1627.	0.7	23
58	Frequent Additional Tachyarrhythmias in Patients with Inappropriate Sinus Tachycardia Undergoing Sinus Node Modification: An Important Cause of Symptom Recurrence. <i>Journal of Cardiovascular Electrophysiology</i> , 2012, 23, 835-839.	1.7	22
59	A comparison of intracardiac and transesophageal echocardiography to detect left atrial appendage thrombus in a swine model. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2010, 27, 3-7.	1.3	19
60	How to implant a phrenic nerve stimulator for treatment of central sleep apnea?. <i>Journal of Cardiovascular Electrophysiology</i> , 2019, 30, 792-799.	1.7	18
61	Long-term outcome of surgical cryoablation for refractory ventricular tachycardia in patients with non-ischemic cardiomyopathy. <i>Europace</i> , 2018, 20, e30-e41.	1.7	16
62	Ventricular Tachycardia Ablation – The Right Approach for the Right Patient. <i>Arrhythmia and Electrophysiology Review</i> , 2014, 3, 161.	2.4	15
63	Provocation of Atrial Fibrillation Triggers During Ablation: Does the Use of General Anesthesia Affect Inducibility?. <i>Journal of Cardiovascular Electrophysiology</i> , 2015, 26, 16-20.	1.7	14
64	Importance of the Interventricular Septum as Part of the Ventricular Tachycardia Substrate in Nonischemic Cardiomyopathy. <i>JACC: Clinical Electrophysiology</i> , 2018, 4, 1155-1162.	3.2	14
65	Outflow tract premature ventricular depolarizations after atrial fibrillation ablation may reflect autonomic influences. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2014, 41, 187-192.	1.3	13
66	Amiodarone Discontinuation or Dose Reduction Following Catheter Ablation for Ventricular Tachycardia in Structural Heart Disease. <i>JACC: Clinical Electrophysiology</i> , 2017, 3, 503-511.	3.2	13
67	Use of Imaging Techniques to Guide Catheter Ablation Procedures. <i>Current Cardiology Reports</i> , 2010, 12, 374-381.	2.9	12
68	Tissue-Specific Variability in Human Epicardial Impedance. <i>Journal of Cardiovascular Electrophysiology</i> , 2011, 22, 436-439.	1.7	12
69	Catheter Ablation of Atrial Fibrillation in Transposition of the Great Arteries Treated With Mustard Atrial Baffle. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2012, 5, e41-3.	4.8	12
70	What Is the Mechanism of the Atrial Arrhythmia in a Patient After Orthotopic Heart Transplantation?. <i>Journal of Cardiovascular Electrophysiology</i> , 2012, 23, 225-227.	1.7	10
71	Imaging the Left Atrial Appendage With Intracardiac Echocardiography. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2010, 3, 564-565.	4.8	9
72	Monophasic action potential amplitude for substrate mapping. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019, 317, H667-H673.	3.2	8

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73	Non-Concordance between Patient and Clinician Estimates of Prognosis in Advanced Heart Failure. <i>Journal of Cardiac Failure</i> , 2021, 27, 700-705.	1.7	7
74	Unipolar Voltage Abnormality is Associated with Greater Left Ventricular Dysfunction in Ischemic Cardiomyopathy. <i>Journal of Cardiovascular Electrophysiology</i> , 2014, 25, 293-298.	1.7	6
75	Electrophysiological Predictors of Transplantation and Left Ventricular Assist Device-Free Survival in Patients With Nonischemic Cardiomyopathy Undergoing Ventricular Tachycardia Ablation. <i>JACC: Clinical Electrophysiology</i> , 2015, 1, 398-407.	3.2	6
76	ECG Criteria for Accurate Localization of Left Anterolateral and Posterolateral Accessory Pathways. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2012, 35, 1444-1450.	1.2	5
77	Feasibility of complex transfemoral electrophysiology procedures in patients with inferior vena cava filters. <i>Heart Rhythm</i> , 2019, 16, 873-878.	0.7	5
78	Outcomes in patients implanted with a Watchman device in relation to choice of anticoagulation and indication for implant. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2022, 64, 1-8.	1.3	5
79	Indications for Implantable Cardioverter-Defibrillator Placement in Ischemic Cardiomyopathy and after Myocardial Infarction. <i>Current Heart Failure Reports</i> , 2011, 8, 252-259.	3.3	4
80	Pulmonic Cusp Ablation. <i>Journal of the American College of Cardiology</i> , 2015, 66, 2645-2647.	2.8	3
81	Contemporary Tools and Techniques for Substrate Ablation of Ventricular Tachycardia in Structural Heart Disease. <i>Current Treatment Options in Cardiovascular Medicine</i> , 2018, 20, 16.	0.9	3
82	Electrophysiologic Considerations After Sudden Cardiac Arrest. <i>Current Cardiology Reviews</i> , 2018, 14, 102-108.	1.5	3
83	Prevention and Early Recognition of Complications During Catheter Ablation by Intracardiac Echocardiography. <i>Cardiac Electrophysiology Clinics</i> , 2021, 13, 357-364.	1.7	3
84	Modulating the Infarcted Ventricle'S Refractoriness with An Epicardial Biomaterial. <i>Journal of Investigative Medicine</i> , 2021, 69, 364-370.	1.6	3
85	Prognostic Awareness and Goals of Care Discussions Among Patients With Advanced Heart Failure. <i>Circulation: Heart Failure</i> , 2020, 13, e006502.	3.9	3
86	Assessing the complications from atrial fibrillation ablation: Closer to truth. <i>Heart Rhythm</i> , 2007, 4, 1272-1273.	0.7	2
87	Who should receive an implantable cardioverter-defibrillator after myocardial infarction?. <i>Current Heart Failure Reports</i> , 2009, 6, 236-244.	3.3	2
88	Scar-Related Right Ventricular Tachycardias in Athletes. <i>Journal of the American College of Cardiology</i> , 2017, 69, 508-510.	2.8	2
89	Epicardial Ablation of VT in Patients with Nonischemic LV Cardiomyopathy. <i>Cardiac Electrophysiology Clinics</i> , 2010, 2, 93-103.	1.7	1
90	The Role of Preventive Ablation of Ventricular Tachycardia in the Patient with Coronary Artery Disease, Reduced Left Ventricular Function, and a New Implantable Cardioverter Defibrillator Implant. <i>Cardiac Electrophysiology Clinics</i> , 2012, 4, 189-198.	1.7	1

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91	Redefining the Golden Ratio: A Novel ECG Tool for Approaching Outflow Tract Arrhythmias. Journal of Cardiovascular Electrophysiology, 2014, 25, 754-755.	1.7	1
92	Recurrent ventricular tachycardia after catheter ablation in arrhythmogenic right ventricular cardiomyopathy: Scar progression or ineffective ablation?. Journal of Cardiovascular Electrophysiology, 2019, 30, 593-595.	1.7	1
93	Left Atrial Electroanatomical Voltage Mapping to Characterize Substrate and Guide Ablation. Current Treatment Options in Cardiovascular Medicine, 2020, 22, 1.	0.9	1
94	Should doctors recommend automated external defibrillators for use at home after myocardial infarction? No. BMJ: British Medical Journal, 2009, 338, b876-b876.	2.3	1
95	Role of Imaging Techniques in Catheter Ablation of Ventricular Tachycardia. , 0, , 150-163.		0
96	Maximizing LV reverse remodeling in AF-related cardiomyopathy: Staying regular is not just for your bowels anymore. Heart Rhythm, 2013, 10, 1340-1341.	0.7	0
97	Bipolar Mapping, Revisited Or: These Aren't the Electrograms You're Looking For. Journal of Cardiovascular Electrophysiology, 2013, 24, 655-657.	1.7	0
98	Multielectrode Left Ventricular Mapping: Too Much or Not Enough?. PACE - Pacing and Clinical Electrophysiology, 2015, 38, 660-662.	1.2	0
99	Idiopathic Premature Ventricular Contraction Ablation. JACC: Clinical Electrophysiology, 2015, 1, 124-126.	3.2	0
100	Intracardiac Echocardiography for Electrophysiology. , 2018, , 608-614.		0
101	Normal Relativism. JACC: Clinical Electrophysiology, 2019, 5, 1127-1129.	3.2	0
102	Atrial Transseptal Catheterization. , 2019, , 648-663.e3.		0
103	The Role of Intracardiac Echocardiography in Atrial Fibrillation Ablation. Journal of Atrial Fibrillation, 2009, 1, .	0.5	0
104	Intracardiac Echocardiography for Electrophysiology. , 2014, , 605-612.		0
105	Mapping the Left Ventricular Summit for Ablation Success. Journal of Innovations in Cardiac Rhythm Management, 2020, 11, 4318-4323.	0.5	0
106	The Role of Intracardiac Echocardiography in Atrial Fibrillation Ablation. Journal of Atrial Fibrillation, 2009, 2, 223.	0.5	0
107	Characterization of septal coronary venous tributaries with computed tomography: What's in a name?. Journal of Cardiovascular Electrophysiology, 2022, 33, 973-974.	1.7	0
108	Cardiac resynchronization in pacing-associated cardiomyopathy: Is it time to upgrade?. Heart Rhythm O2, 2021, 2, 680-681.	1.7	0

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109	Endocardial and Epicardial Mapping of Nonischemic Right and Left Ventricular Cardiomyopathy. , 0, , 323-336.		0