

Steven M Markowitz

List of Publications by Year in descending order

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79
papers

2,635
citations

186265

28
h-index

189892

50
g-index

79
all docs

79
docs citations

79
times ranked

2746
citing authors

#	ARTICLE	IF	CITATIONS
1	Reversal of Cardiomyopathy in Patients With Repetitive Monomorphic Ventricular Ectopy Originating From the Right Ventricular Outflow Tract. <i>Circulation</i> , 2005, 112, 1092-1097.	1.6	346
2	Clinical and Electrophysiological Spectrum of Idiopathic Ventricular Outflow Tract Arrhythmias. <i>Journal of the American College of Cardiology</i> , 2007, 49, 2035-2043.	2.8	143
3	Right and Left Ventricular Outflow Tract Tachycardias: Evidence for a Common Electrophysiologic Mechanism. <i>Journal of Cardiovascular Electrophysiology</i> , 2006, 17, 1052-1058.	1.7	141
4	Idiopathic Right Ventricular Outflow Tract Tachycardia: A Clinical Approach. <i>PACE - Pacing and Clinical Electrophysiology</i> , 1996, 19, 2120-2137.	1.2	102
5	Adenosine-Sensitive Ventricular Tachycardia. <i>Circulation</i> , 1997, 96, 1192-1200.	1.6	97
6	Risk of Mortality Following Catheter Ablation of Atrial Fibrillation. <i>Journal of the American College of Cardiology</i> , 2019, 74, 2254-2264.	2.8	95
7	Lesional tachycardias related to mitral valve surgery. <i>Journal of the American College of Cardiology</i> , 2002, 39, 1973-1983.	2.8	89
8	Multidetector row computed tomography for identification of left atrial appendage filling defects in patients undergoing pulmonary vein isolation for treatment of atrial fibrillation: Comparison with transesophageal echocardiography. <i>Heart Rhythm</i> , 2008, 5, 253-260.	0.7	86
9	Differential Effects of Adenosine on Focal and Macroreentrant Atrial Tachycardia. <i>Journal of Cardiovascular Electrophysiology</i> , 1999, 10, 489-502.	1.7	85
10	Differentiation of Papillary Muscle From Fascicular and Mitral Annular Ventricular Arrhythmias in Patients With and Without Structural Heart Disease. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2015, 8, 616-624.	4.8	83
11	Outcomes and mortality associated with atrial arrhythmias among patients hospitalized with COVID-19. <i>Journal of Cardiovascular Electrophysiology</i> , 2020, 31, 3077-3085.	1.7	78
12	Response to Adenosine Differentiates Focal From Macroreentrant Atrial Tachycardia. <i>Circulation</i> , 2002, 106, 2793-2799.	1.6	75
13	Newly detected atrial high rate episodes predict long-term mortality outcomes in patients with permanent pacemakers. <i>Heart Rhythm</i> , 2014, 11, 2214-2221.	0.7	75
14	Posterior fast atrioventricular node pathways: Implications for radiofrequency catheter ablation of atrioventricular node reentrant tachycardia. <i>Journal of the American College of Cardiology</i> , 1996, 27, 1098-1105.	2.8	67
15	Adenosine-Insensitive Focal Atrial Tachycardia. <i>Journal of the American College of Cardiology</i> , 2007, 49, 1324-1333.	2.8	67
16	Adenosine-Sensitive Ventricular Tachycardia:.. <i>Journal of Cardiovascular Electrophysiology</i> , 1996, 7, 559-569.	1.7	64
17	Relationship of Reverse Anatomical Remodeling and Ventricular Arrhythmias After Cardiac Resynchronization. <i>Journal of Cardiovascular Electrophysiology</i> , 2009, 20, 293-298.	1.7	61
18	Ubiquitous Myocardial Extensions Into the Pulmonary Artery Demonstrated by Integrated Intracardiac Echocardiography and Electroanatomic Mapping. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2014, 7, 691-700.	4.8	54

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19	Prevalence of Left Atrial Thrombus Detection by Transesophageal Echocardiography. <i>JACC: Clinical Electrophysiology</i> , 2016, 2, 295-303.	3.2	53
20	Sex-based differences in outcomes, 30-day readmissions, and costs following catheter ablation of atrial fibrillation: the United States Nationwide Readmissions Database 2010-2014. <i>European Heart Journal</i> , 2019, 40, 3035-3043.	2.2	49
21	Short-coupled polymorphic ventricular tachycardia at rest linked to a novel ryanodine receptor (RyR2) mutation: Leaky RyR2 channels under non-stress conditions. <i>International Journal of Cardiology</i> , 2015, 180, 228-236.	1.7	42
22	Practical Real-Time Computing System for Biomedical Experiment Interface. <i>Annals of Biomedical Engineering</i> , 1999, 27, 180-186.	2.5	37
23	Electrophysiologic properties of para-Hisian atrial tachycardia. <i>Heart Rhythm</i> , 2011, 8, 1245-1253.	0.7	36
24	Reappraisal of Cardiac Magnetic Resonance Imaging in Idiopathic Outflow Tract Arrhythmias. <i>Journal of Cardiovascular Electrophysiology</i> , 2014, 25, 1328-1335.	1.7	33
25	Fluorless catheter ablation of atrial fibrillation. <i>Heart Rhythm</i> , 2017, 14, 928-934.	0.7	32
26	Trends and outcomes of cardiac resynchronization therapy upgrade procedures: A comparative analysis using a United States National Database 2003-2013. <i>Heart Rhythm</i> , 2017, 14, 1043-1050.	0.7	32
27	Atrial Tachycardias and Atypical Atrial Flutters: Mechanisms and Approaches to Ablation. <i>Arrhythmia and Electrophysiology Review</i> , 2019, 8, 131-137.	2.4	32
28	Mechanism of Ventricular Rate Control After Radiofrequency Modification of Atrioventricular Conduction in Patients With Atrial Fibrillation. <i>Circulation</i> , 1996, 94, 2856-2864.	1.6	32
29	Mechanism-Specific Effects of Adenosine on Ventricular Tachycardia. <i>Journal of Cardiovascular Electrophysiology</i> , 2014, 25, 1350-1358.	1.7	27
30	Unifying Algorithm for Mechanistic Diagnosis of Atrial Tachycardia. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2016, 9, .	4.8	27
31	Recovery of Atrioventricular Conduction After Pacemaker Placement Following Cardiac Valvular Surgery. <i>Journal of Cardiovascular Electrophysiology</i> , 2013, 24, 1383-1387.	1.7	26
32	Robotics for catheter ablation of cardiac arrhythmias: Current technologies and practical approaches. <i>Journal of Cardiovascular Electrophysiology</i> , 2020, 31, 739-752.	1.7	25
33	Outcomes, Costs, and 30-Day Readmissions After Catheter Ablation of Myocardial Infarct-Associated Ventricular Tachycardia in the Real World. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2018, 11, e006754.	4.8	23
34	Mechanisms and Clinical Significance of Adenosine-Induced Dormant Accessory Pathway Conduction After Catheter Ablation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2014, 7, 1136-1143.	4.8	20
35	A contemporary view of atrioventricular nodal physiology. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2018, 52, 271-279.	1.3	20
36	A Novel Criterion for Conduction Block After Catheter Ablation of Right Atrial Tachycardia After Mitral Valve Surgery. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2013, 6, 39-47.	4.8	19

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37	Inpatient hospital procedural volume and outcomes following catheter ablation of atrial fibrillation. <i>Journal of Cardiovascular Electrophysiology</i> , 2020, 31, 1908-1919.	1.7	19
38	Unifying Mechanism of Sustained Idiopathic Atrial and Ventricular Annular Tachycardia. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2014, 7, 436-444.	4.8	16
39	Recovery of atrioventricular conduction in patients with heart block after transcatheter aortic valve replacement. <i>Journal of Cardiovascular Electrophysiology</i> , 2017, 28, 1196-1202.	1.7	16
40	Atrial tachycardia: mechanisms and management. <i>Expert Review of Cardiovascular Therapy</i> , 2008, 6, 811-822.	1.5	15
41	Approach to catheter ablation of left atrial flutters. <i>Journal of Cardiovascular Electrophysiology</i> , 2019, 30, 3057-3067.	1.7	15
42	Eligibility of Pacemaker Patients for Subcutaneous Implantable Cardioverter Defibrillators. <i>Journal of Cardiovascular Electrophysiology</i> , 2017, 28, 544-548.	1.7	14
43	Supraventricular Tachycardia. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2018, 11, e006953.	4.8	14
44	Comparison of robotic magnetic navigation-guided and manual catheter ablation of ventricular arrhythmias arising from the papillary muscles. <i>Europace</i> , 2018, 20, ii5-ii10.	1.7	13
45	Adenosine-insensitive right ventricular tachycardia: Novel variant of idiopathic outflow tract tachycardia. <i>Heart Rhythm</i> , 2014, 11, 1770-1778.	0.7	12
46	Left atrial thrombus despite continuous direct oral anticoagulant or warfarin therapy in patients with atrial fibrillation: insights into rates and timing of thrombus resolution. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2018, 53, 159-167.	1.3	11
47	How to interpret electroanatomic maps. <i>Heart Rhythm</i> , 2006, 3, 240-246.	0.7	10
48	Mechanisms of focal ventricular tachycardia in humans. <i>Heart Rhythm</i> , 2009, 6, S81-S85.	0.7	10
49	Mechanistic subtypes of focal right ventricular tachycardia. <i>Journal of Cardiovascular Electrophysiology</i> , 2018, 29, 1181-1188.	1.7	10
50	Time Course and Predictors of Autonomic Dysfunction After Ablation of the Slow Atrioventricular Nodal Pathway. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2004, 27, 1638-1643.	1.2	9
51	Effects of focal impulse and rotor modulation-guided ablation on atrial arrhythmia termination and inducibility: Impact on outcomes after treatment of persistent atrial fibrillation. <i>Journal of Cardiovascular Electrophysiology</i> , 2019, 30, 2773-2781.	1.7	8
52	Impact of Aortomitral Continuity Calcification on Need for Permanent Pacemaker After Transcatheter Aortic Valve Replacement. <i>Circulation: Cardiovascular Imaging</i> , 2019, 12, e009570.	2.6	7
53	A Case of Lyme Carditis Presenting with Atrial Fibrillation. <i>Case Reports in Cardiology</i> , 2018, 2018, 1-5.	0.2	6
54	Regional isolation in the right atrium with disruption of intra-atrial conduction after catheter ablation of atrial tachycardia. <i>Journal of Cardiovascular Electrophysiology</i> , 2019, 30, 1773-1785.	1.7	6

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55	What Is the Optimal Approach to Ablation of Para-Hisian Atrial Tachycardias?. JACC: Clinical Electrophysiology, 2016, 2, 200-202.	3.2	5
56	Utility of Pre-Induction Ventriculoatrial Response to Adenosine in the Diagnosis of Orthodromic Reciprocating Tachycardia. JACC: Clinical Electrophysiology, 2017, 3, 266-275.	3.2	5
57	Prevalence of early repolarization pattern in patients with lone atrial fibrillation. Journal of Electrocardiology, 2017, 50, 545-550.	0.9	5
58	Left Atrial Hypertension in Atrial Fibrillation. JACC: Clinical Electrophysiology, 2017, 3, 470-472.	3.2	5
59	Double-Snare Technique for Capturing a Wandering Leadless Pacemaker. JACC: Clinical Electrophysiology, 2019, 5, 872-873.	3.2	4
60	Trends and Outcomes of Catheter Ablation of Ventricular Tachycardia in Patients With Ischemic and Nonischemic Cardiomyopathy. Circulation: Arrhythmia and Electrophysiology, 2022, 15, CIRCEP121010742.	4.8	4
61	Atrial Tachycardia: Update. Journal of Interventional Cardiac Electrophysiology, 2001, 5, 290-293.	1.0	3
62	Treatment of intramural ventricular tachycardia in cardiac sarcoidosis with transcatheter ethanol ablation. Europace, 2017, 19, 1921-1921.	1.7	3
63	Diagnosing pseudo-conduction block across an anteromedial mitral ablation line: Limitations of bidirectional and differential pacing. HeartRhythm Case Reports, 2020, 6, 29-33.	0.4	3
64	Ablation of atrial fibrillation: Patient selection, technique, and outcome. Current Cardiology Reports, 2008, 10, 360-366.	2.9	2
65	A Novel Algorithm for Pacemaker-Mediated Tachycardia: Wrong Diagnosis, Right Therapy. PACE - Pacing and Clinical Electrophysiology, 2016, 39, 302-304.	1.2	2
66	Ablating the Imperceptible: A Novel Application of Para-Hisian Pacing. PACE - Pacing and Clinical Electrophysiology, 2016, 39, 1285-1288.	1.2	2
67	Mitral valve prolapse causes arrhythmias from the papillary muscles: A stretch of the truth or reality?. PACE - Pacing and Clinical Electrophysiology, 2018, 41, 759-761.	1.2	2
68	Mahaim pathway tachycardia versus bystander ventricular tachycardia: A distinction without a difference. HeartRhythm Case Reports, 2018, 4, 92-97.	0.4	2
69	Rhythm Control for Atrial Fibrillation. Journal of the American College of Cardiology, 2011, 58, 1986-1988.	2.8	1
70	Ablation of Nonisthmus-Dependent Flutters and Atrial Macroreentry. , 2019, , 187-204.e3.		1
71	The Left Atrial Appendage Ostium. JACC: Clinical Electrophysiology, 2021, 7, 333-342.	3.2	1
72	Detecting Critical Channels in Perimitral Flutter. JACC: Clinical Electrophysiology, 2021, 7, 591-593.	3.2	1

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73	Cardiac Arrhythmias. Journal of the American College of Cardiology, 2006, 47, D28-D32.	2.8	0
74	Ablation of Non-isthmus-Dependent Flutters and Atrial Macro-Reentry. , 2011, , 202-216.		0
75	Response to Letter by Yamada et al Regarding "Differentiation of Papillary Muscle From Fascicular and Mitral Annular Ventricular Arrhythmias in Patients With and Without Structural Heart Disease": Circulation: Arrhythmia and Electrophysiology, 2015, 8, 1302-1302.	4.8	0
76	Recognition of short RP atrial tachycardia due to intra-atrial conduction delay: utility of a septal AH/HA Ratio <1. Europace, 2017, 19, 1780-1780.	1.7	0
77	Coincident proximal and distal retrograde left atrial activation: One or two accessory pathways?. PACE - Pacing and Clinical Electrophysiology, 2017, 40, 1483-1485.	1.2	0
78	ST-Segment Changes in Stress-Induced Cardiomyopathy and His Bundle Pacing. JACC: Clinical Electrophysiology, 2021, 7, 131-133.	3.2	0
79	Abstract 9548: De Novo Atypical Atrial Flutters: Locations, Mechanisms, and Long Term Outcomes Post Ablation. Circulation, 2021, 144, .	1.6	0