Paul A Friedman, Fhrs

List of Publications by Year
in descending order

241 papers	9,921 citations	41258 49 h-index	46693 89 g-index

265 all docs	265 docs citations	265 times ranked	7977 citing authors

#	Article	IF	Citations
1	Radial strain imaging-guided lead placement for improving response to cardiac resynchronization therapy in patients with ischaemic cardiomyopathy: the Raise CRT trial. Europace, 2022, 24, 835-844.	0.7	9
2	Current and future implications of the artificial intelligence electrocardiogram: the transformation of healthcare and attendant research opportunities. Cardiovascular Research, 2022, 118, e23-e25.	1.8	4
3	Artificial Intelligence Application in Graves Disease. Mayo Clinic Proceedings, 2022, 97, 730-737.	1.4	3
4	The year in cardiovascular medicine 2021: digital health and innovation. European Heart Journal, 2022, 43, 271-279.	1.0	26
5	Detection of Left Atrial Myopathy Using Artificial Intelligenceâ€“Enabled Electrocardiography. Circulation: Heart Failure, 2022, 15, CIRCHEARTFAILURE120008176.	1.6	10
6	Characteristics and outcomes of ventricular tachycardia and premature ventricular contractions ablation in patients with prior mitral valve surgery. Journal of Cardiovascular Electrophysiology, 2022, 33, 274-283.	0.8	5
7	A realâ€world experience of atrioventricular synchronous pacing with leadless ventricular pacemakers. Journal of Cardiovascular Electrophysiology, 2022, 33, 982-993.	0.8	10
8	Leak closure following left atrial appendage exclusion procedures: A multicenter registry. Catheterization and Cardiovascular Interventions, 2022, 99, 1867-1876.	0.7	9
9	Clinical Impact of Residual Leaks Following Left Atrial Appendage Occlusion. JACC: Clinical Electrophysiology, 2022, 8, 766-778.	1.3	54
10	Development of the AI-Cirrhosis-ECG Score: An Electrocardiogram-Based Deep Learning Model in Cirrhosis. American Journal of Gastroenterology, 2022, 117, 424-432.	0.2	17
11	Wearables, telemedicine, and artificial intelligence in arrhythmias and heart failure: Proceedings of the European Society of Cardiology Cardiovascular Round Table. Europace, 2022, 24, 1372-1383.	0.7	34
12	Artificial intelligenceâ€”electrocardiography to detect atrial fibrillation: trend of probability before and after the first episode. European Heart Journal Digital Health, 2022, 3, 228-235.	0.7	4
13	Artificial Intelligenceâ€“Enabled Electrocardiogram for Atrial Fibrillation Identifies Cognitive Decline Risk and Cerebral Infarcts. Mayo Clinic Proceedings, 2022, 97, 871-880.	1.4	6
14	The development of the extravascular defibrillator with substernal lead placement: A new Frontier for deviceâ€based treatment of sudden cardiac arrest. Journal of Cardiovascular Electrophysiology, 2022, 33, 1085-1095.	0.8	8
15	Evaluating atrial fibrillation artificial intelligence for the ED: statistical and clinical implications. American Journal of Emergency Medicine, 2022, 57, 98-102.	0.7	3
16	Real-world performance, long-term efficacy, and absence of bias in the artificial intelligence enhanced electrocardiogram to detect left ventricular systolic dysfunction. European Heart Journal Digital Health, 2022, 3, 238-244.	0.7	8
17	Automated detection of low ejection fraction from a one-lead electrocardiogram: application of an AI algorithm to an electrocardiogram-enabled Digital Stethoscope. European Heart Journal Digital Health, 2022, 3, 373-379.	0.7	10
18	Left ventricular systolic dysfunction identification using artificial intelligence-augmented electrocardiogram in cardiac intensive care unit patients. International Journal of Cardiology, 2021, 326, 114-123.	0.8	25

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19	Utilization and procedural adverse outcomes associated with Watchman device implantation. Europace, 2021, 23, 247-253.	0.7	13
20	Liposomal bupivacaine during subcutaneous implantable cardioverter defibrillator implantation for pain management. PACE - Pacing and Clinical Electrophysiology, 2021, 44, 513-518.	0.5	2
21	Vascular Aging Detected by Peripheral Endothelial Dysfunction Is Associated With ECGâ€Đerived Physiological Aging. Journal of the American Heart Association, 2021, 10, e018656.	1.6	25
22	Sinus rhythm heart rate increase after atrial fibrillation ablation is associated with lower risk of arrhythmia recurrence. PACE - Pacing and Clinical Electrophysiology, 2021, 44, 651-656.	0.5	4
23	Artificial intelligence-enhanced electrocardiography in cardiovascular disease management. Nature Reviews Cardiology, 2021, 18, 465-478.	6.1	298
24	Artificial Intelligence (AI)-Empowered Echocardiography Interpretation: A State-of-the-Art Review. Journal of Clinical Medicine, 2021, 10, 1391.	1.0	36
25	Electrocardiogram screening for aortic valve stenosis using artificial intelligence. European Heart Journal, 2021, 42, 2885-2896.	1.0	95
26	Artificial Intelligenceâ€“Enabled Assessment of the Heart Rate Corrected QT Interval Using a Mobile Electrocardiogram Device. Circulation, 2021, 143, 1274-1286.	1.6	75
27	External validation of a deep learning electrocardiogram algorithm to detect ventricular dysfunction. International Journal of Cardiology, 2021, 329, 130-135.	0.8	36
28	The 12-lead electrocardiogram as a biomarker of biological age. European Heart Journal Digital Health, 2021, 2, 379-389.	0.7	30
29	Artificial intelligenceâ€“enabled electrocardiograms for identification of patients with low ejection fraction: a pragmatic, randomized clinical trial. Nature Medicine, 2021, 27, 815-819.	15.2	154
30	Natural language processing of implantable cardioverter-defibrillator reports in hypertrophic cardiomyopathy: A paradigm for longitudinal device follow-up. Cardiovascular Digital Health Journal, 2021, 2, 264-269.	0.5	1
31	Use of Artificial Intelligence and Deep Neural Networks in Evaluation of Patients With Electrocardiographically Concealed Long QT Syndrome From the Surface 12-Lead Electrocardiogram. JAMA Cardiology, 2021, 6, 532.	3.0	65
32	An artificial intelligenceâ€“enabled ECG algorithm for comprehensive ECG interpretation: Can it pass the â€˜Turing testâ€™?. Cardiovascular Digital Health Journal, 2021, 2, 164-170.	0.5	18
33	Anatomic Approach to TransseptalÂPuncture for StructuralÂHeartÂInterventions. JACC: Cardiovascular Interventions, 2021, 14, 1509-1522.	1.1	16
34	Cost Effectiveness of an Electrocardiographic Deep Learning Algorithm to Detect Asymptomatic Left Ventricular Dysfunction. Mayo Clinic Proceedings, 2021, 96, 1835-1844.	1.4	15
35	Using ensemble of ensemble machine learning methods to predict outcomes of cardiac resynchronization. Journal of Cardiovascular Electrophysiology, 2021, 32, 2504-2514.	0.8	10
36	Deep neural networks learn by using human-selected electrocardiogram features and novel features. European Heart Journal Digital Health, 2021, 2, 446-455.	0.7	9

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37	Artificial Intelligenceâ€“Enhanced Electrocardiogram for the Early Detection of Cardiac Amyloidosis. Mayo Clinic Proceedings, 2021, 96, 2768-2778.	1.4	40
38	Coronary Microvascular Dysfunction and the Risk of Atrial Fibrillation From an Artificial Intelligence-Enabled Electrocardiogram. Circulation: Arrhythmia and Electrophysiology, 2021, 14, e009947.	2.1	4
39	Rapid Exclusion of COVID Infection With the Artificial Intelligence Electrocardiogram. Mayo Clinic Proceedings, 2021, 96, 2081-2094.	1.4	15
40	First-in-Human Use of a Novel Live 3DÂIntracardiac Echo Probe to Guide LeftÂAtrial Appendage Closure. JACC: Cardiovascular Interventions, 2021, 14, 2407-2409.	1.1	10
41	Direct Intramyocardial Ethanol Injection for Premature Ventricular Contraction Arising From the Inaccessible Left Ventricular Summit. JACC: Clinical Electrophysiology, 2021, 7, 1647-1648.	1.3	3
42	Diagnosis and treatment of new heart failure with reduced ejection fraction by the artificial intelligenceâ€“enhanced electrocardiogram. Cardiovascular Digital Health Journal, 2021, 2, 282-284.	0.5	3
43	Detecting cardiomyopathies in pregnancy and the postpartum period with an electrocardiogram-based deep learning model. European Heart Journal Digital Health, 2021, 2, 586-596.	0.7	20
44	The extravascular implantable cardioverterâ€defibrillator: The pivotal study plan. Journal of Cardiovascular Electrophysiology, 2021, 32, 2371-2378.	0.8	17
45	Cover Image, Volume 32, Issue 9. Journal of Cardiovascular Electrophysiology, 2021, 32, i.	0.8	0
46	Batch enrollment for an artificial intelligence-guided intervention to lower neurologic events in patients with undiagnosed atrial fibrillation: rationale and design of a digital clinical trial. American Heart Journal, 2021, 239, 73-79.	1.2	21
47	The Role of Artificial Intelligence in Arrhythmia Monitoring. Cardiac Electrophysiology Clinics, 2021, 13, 543-554.	0.7	6
48	Use of Artificial Intelligence Tools Across Different Clinical Settings. Circulation: Cardiovascular Quality and Outcomes, 2021, 14, e008153.	0.9	6
49	Artificial Intelligence-Enabled Electrocardiography to Screen Patients with Dilated Cardiomyopathy. American Journal of Cardiology, 2021, 155, 121-127.	0.7	15
50	The effect of cardiac rhythm on artificial intelligence-enabled ECG evaluation of left ventricular ejection fraction prediction in cardiac intensive care unit patients. International Journal of Cardiology, 2021, 339, 54-55.	0.8	4
51	Application of artificial intelligence to the electrocardiogram. European Heart Journal, 2021, 42, 4717-4730.	1.0	96
52	Artificial Intelligence-Enabled ECG to Identify Silent Atrial Fibrillation in Embolic Stroke of Unknown Source. Journal of Stroke and Cerebrovascular Diseases, 2021, 30, 105998.	0.7	19
53	Detection of hypertrophic cardiomyopathy by an artificial intelligence electrocardiogram in children and adolescents. International Journal of Cardiology, 2021, 340, 42-47.	0.8	35
54	Artificial Intelligenceâ€“Augmented Electrocardiogram Detection of Left Ventricular Systolic Dysfunction in the General Population. Mayo Clinic Proceedings, 2021, 96, 2576-2586.	1.4	15

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55	Renal Dysfunction following Direct Current Cardioversion of Atrial Fibrillation: Incidence and Risk Factors. CardioRenal Medicine, 2021, 11, 1-6.	0.7	2
56	Catheter ablation of ventricular tachycardia in patients with postinfarction left ventricular aneurysm. Journal of Cardiovascular Electrophysiology, 2021, 32, 3156-3164.	0.8	3
57	Mortality risk stratification using artificial intelligence-augmented electrocardiogram in cardiac intensive care unit patients. European Heart Journal: Acute Cardiovascular Care, 2021, 10, 532-541.	0.4	11
58	Electrocardiography-Based Artificial Intelligence Algorithm Aids in Prediction of Long-term Mortality After Cardiac Surgery. Mayo Clinic Proceedings, 2021, 96, 3062-3070.	1.4	5
59	Implementation of a fully remote randomized clinical trial with cardiac monitoring. Communications Medicine, 2021, 1, .	1.9	4
60	Development and validation pathways of artificial intelligence tools evaluated in randomised clinical trials. BMJ Health and Care Informatics, 2021, 28, e100466.	1.4	6
61	Molecular Approach to Diagnosis of Cardiovascular Implantable Electronic Device Infection. Clinical Infectious Diseases, 2020, 70, 898-906.	2.9	12
62	Injectable Flexible Subcutaneous Electrode Array Technology for Electrocardiogram Monitoring Device. ACS Biomaterials Science and Engineering, 2020, 6, 2652-2658.	2.6	6
63	ECG AI-Guided Screening for Low Ejection Fraction (EAGLE): Rationale and design of a pragmatic cluster randomized trial. American Heart Journal, 2020, 219, 31-36.	1.2	50
64	Clinical trial design data for electrocardiogram artificial intelligence-guided screening for low ejection fraction (EAGLE). Data in Brief, 2020, 28, 104894.	0.5	9
65	The Future of Percutaneous Epicardial Interventions. Cardiac Electrophysiology Clinics, 2020, 12, 419-430.	0.7	1
66	An AI-ECG algorithm for atrial fibrillation risk: steps towards clinical implementation â€“ Authors' reply. Lancet, The, 2020, 396, 236-237.	6.3	5
67	Left sinus of Valsalvaâ€”Electroanatomic basis and outcomes with ablation for outflow tract arrhythmias. Journal of Cardiovascular Electrophysiology, 2020, 31, 952-959.	0.8	7
68	Artificial Intelligenceâ€“Electrocardiography to Predict Incident Atrial Fibrillation. Circulation: Arrhythmia and Electrophysiology, 2020, 13, e009355.	2.1	68
69	Clinical implications of elective replacement indicator setting changes in patients with dualâ€chamber pacemaker devices. Journal of Cardiovascular Electrophysiology, 2020, 31, 2704-2710.	0.8	1
70	Fibroplasty (venoplasty) to facilitate transvenous lead placement: A singleâ€center experience. Journal of Cardiovascular Electrophysiology, 2020, 31, 2425-2430.	0.8	3
71	Artificial Intelligence-Enabled ECG Algorithm to Identify Patients With Left Ventricular Systolic Dysfunction Presenting to the Emergency Department With Dyspnea. Circulation: Arrhythmia and Electrophysiology, 2020, 13, e008437.	2.1	81
72	Prospective evaluation of the utility of magnetic resonance imaging in patients with nonâ€MRIâ€conditional pacemakers and defibrillators. Journal of Cardiovascular Electrophysiology, 2020, 31, 2931-2939.	0.8	3

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73	A comprehensive artificial intelligenceâ€“enabled electrocardiogram interpretation program. Cardiovascular Digital Health Journal, 2020, 1, 62-70.	0.5	33
74	Cardiovascular Health in the COVID-19 Era. Mayo Clinic Proceedings, 2020, 95, 1584-1588.	1.4	3
75	Artificial Intelligence ECG to Detect Left Ventricular Dysfunction in COVID-19. Mayo Clinic Proceedings, 2020, 95, 2464-2466.	1.4	21
76	Artificial Intelligence in Cardiology: Present and Future. Mayo Clinic Proceedings, 2020, 95, 1015-1039.	1.4	127
77	Generalizability of the CASTLE-AF trial: Catheter ablation for patients with atrial fibrillation and heart failure in routine practice. Heart Rhythm, 2020, 17, 1057-1065.	0.3	54
78	Artificial Intelligence and Machine Learning in Arrhythmias and Cardiac Electrophysiology. Circulation: Arrhythmia and Electrophysiology, 2020, 13, e007952.	2.1	96
79	Detection of Hypertrophic Cardiomyopathy Using a Convolutional Neural Network-Enabled Electrocardiogram. Journal of the American College of Cardiology, 2020, 75, 722-733.	1.2	183
80	Assessing and Mitigating Bias in Medical Artificial Intelligence. Circulation: Arrhythmia and Electrophysiology, 2020, 13, e007988.	2.1	116
81	Urgent Guidance for Navigating and Circumventing the QTc-Prolonging and Torsadogenic Potential of Possible Pharmacotherapies for Coronavirus Disease 19 (COVID-19). Mayo Clinic Proceedings, 2020, 95, 1213-1221.	1.4	332
82	Recurrent cryptogenic stroke: A potential role for an artificial intelligenceâ€“enabled electrocardiogram?. HeartRhythm Case Reports, 2020, 6, 202-205.	0.2	16
83	Risk of <scp>QTc</scp> prolongation among cancer patients treated with tyrosine kinase inhibitors. International Journal of Cancer, 2020, 147, 3160-3167.	2.3	34
84	Digital health innovation in cardiology. Cardiovascular Digital Health Journal, 2020, 1, 6-8.	0.5	6
85	Marked Up-Regulation of ACE2 in Hearts of Patients With Obstructive Hypertrophic Cardiomyopathy: Implications for SARS-CoV-2â€“Mediated COVID-19. Mayo Clinic Proceedings, 2020, 95, 1354-1368.	1.4	49
86	Use of Artificial Intelligence Electrocardiography to Predict Atrial Fibrillation (AF) in Patients with Chronic Lymphocytic Leukemia (CLL). Blood, 2020, 136, 50-51.	0.6	7
87	Incidence, patterns, and outcomes after transvenous cardiac device lead macrodislodgment: Insights from a population-based study. Heart Rhythm, 2019, 16, 140-147.	0.3	15
88	Safety of thoracic magnetic resonance imaging for patients with pacemakers and defibrillators. Heart Rhythm, 2019, 16, 1645-1651.	0.3	14
89	An artificial intelligence-enabled ECG algorithm for the identification of patients with atrial fibrillation during sinus rhythm: a retrospective analysis of outcome prediction. Lancet, The, 2019, 394, 861-867.	6.3	794
90	Multicenter prospective observational long-term follow-up study of endocardial cardiac resynchronization therapy using the Jurdham procedure. Heart Rhythm, 2019, 16, 1453-1461.	0.3	4

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91	Outcome of combined cryoâ€•and radiofrequencyâ€•catheter ablation in patients with supraventricular tachycardias. Journal of Cardiovascular Electrophysiology, 2019, 30, 1960-1966.	0.8	2
92	Association between the Charlson comorbidity index and outcomes after implantable cardioverter defibrillator generator replacement. PACE - Pacing and Clinical Electrophysiology, 2019, 42, 1236-1242.	0.5	3
93	Can We Avoid Inappropriate Implantable Cardioverter-Defibrillator Shocks. JACC: Clinical Electrophysiology, 2019, 5, 716-718.	1.3	0
94	Stellate ganglion block and cardiac sympathetic denervation in patients with inappropriate sinus tachycardia. Journal of Cardiovascular Electrophysiology, 2019, 30, 2920-2928.	0.8	12
95	Sudden cardiac arrest and ventricular arrhythmias following first type IÂmyocardial infarction in the contemporary era. Journal of Cardiovascular Electrophysiology, 2019, 30, 2869-2876.	0.8	4
96	Age and Sex Estimation Using Artificial Intelligence From Standard 12-Lead ECGs. Circulation: Arrhythmia and Electrophysiology, 2019, 12, e007284.	2.1	213
97	Effective Use of Percutaneous Stellate Ganglion Blockade in Patients With Electrical Storm. Circulation: Arrhythmia and Electrophysiology, 2019, 12, e007118.	2.1	68
98	Trends of Cardiovascular Implantable Electronic Device Infection in 3 Decades. JACC: Clinical Electrophysiology, 2019, 5, 1071-1080.	1.3	69
99	Safety and compatibility of smart device heart rhythm monitoring in patients with cardiovascular implantable electronic devices. Journal of Cardiovascular Electrophysiology, 2019, 30, 1602-1609.	0.8	6
100	His-bundle pacing: impact of social media. Europace, 2019, 21, 1445-1450.	0.7	14
101	Incidence and outcomes of systemic infections in patients with leadless pacemakers: Data from the Micra IDE study. PACE - Pacing and Clinical Electrophysiology, 2019, 42, 1105-1110.	0.5	56
102	Radiolucent implantable electrocardiographic monitoring device based on graphene. Carbon, 2019, 152, 946-953.	5.4	9
103	Lyme carditis atrioventricular block: management strategiesâ€”Authorsâ€™ reply. Europace, 2019, 21, 1282-1282.	0.7	0
104	Pragmatic considerations for fostering reproducible research in artificial intelligence. Npj Digital Medicine, 2019, 2, 42.	5.7	27
105	Electrophysiologic effects and outcomes of sympatholysis in patients with recurrent ventricular arrhythmia and structural heart disease. Journal of Cardiovascular Electrophysiology, 2019, 30, 1499-1507.	0.8	11
106	Predictors of Bloodstream Infection in Patients Presenting With Cardiovascular Implantable Electronic Device Pocket Infection. Open Forum Infectious Diseases, 2019, 6, ofz084.	0.4	5
107	Prospective validation of a deep learning electrocardiogram algorithm for the detection of left ventricular systolic dysfunction. Journal of Cardiovascular Electrophysiology, 2019, 30, 668-674.	0.8	98
108	Development and Validation of a Deep-Learning Model to Screen for Hyperkalemia From the Electrocardiogram. JAMA Cardiology, 2019, 4, 428.	3.0	188

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109	Clinical Presentation, Management, and Outcomes of Cardiovascular Implantable Electronic Device Infections Due to Gram-Negative Versus Gram-Positive Bacteria. Mayo Clinic Proceedings, 2019, 94, 1268-1277.	1.4	14
110	Efficacy and Safety of Transvenous Lead Extraction in the Device Laboratory andÂOperating Room Guided by a NovelÂRisk Stratification Scheme. JACC: Clinical Electrophysiology, 2019, 5, 174-182.	1.3	27
111	Utility of 30-Day Continuous Ambulatory Monitoring to Identify Patients With Delayed Occurrence of Atrioventricular Block After Transcatheter Aortic Valve Replacement. Circulation: Cardiovascular Interventions, 2019, 12, e007635.	1.4	26
112	Postoperative opioid prescription patterns and new opioid refills following cardiac implantable electronic device procedures. Heart Rhythm, 2019, 16, 1841-1848.	0.3	11
113	Comparative outcomes of subcutaneous and transvenous cardioverter-defibrillators. Chinese Medical Journal, 2019, 132, 631-637.	0.9	9
114	Ischemic Stroke Risk in Patients WithÂNonvalvularÂAtrial Fibrillation. Journal of the American College of Cardiology, 2019, 74, 3050-3065.	1.2	65
115	Diagnostic and therapeutic value of implantable loop recorder: A tertiary care center experience. PACE - Pacing and Clinical Electrophysiology, 2019, 42, 38-45.	0.5	18
116	Realâ€world experience with leadless cardiac pacing. PACE - Pacing and Clinical Electrophysiology, 2019, 42, 366-373.	0.5	24
117	Screening for cardiac contractile dysfunction using an artificial intelligenceâ€“enabled electrocardiogram. Nature Medicine, 2019, 25, 70-74.	15.2	686
118	Feasibility and safety of percutaneous epicardial access for mapping and ablation for ventricular arrhythmias in patients on oral anticoagulants. Journal of Interventional Cardiac Electrophysiology, 2019, 54, 81-89.	0.6	5
119	Role of 18F-FDG PET/CT in the diagnosis of cardiovascular implantable electronic device infections: A meta-analysis. Journal of Nuclear Cardiology, 2019, 26, 958-970.	1.4	84
120	Safety and Efficacy of Cryoablation in Patients With Ventricular Arrhythmias Originating From the Para-Hisian Region. JACC: Clinical Electrophysiology, 2018, 4, 366-373.	1.3	22
121	Novel Quantitative Analytical Approaches for Rotor Identification and Associated Implications for Mapping. IEEE Transactions on Biomedical Engineering, 2018, 65, 273-281.	2.5	26
122	Mortality After Magnetic Resonance Imaging of the Brain in Patients With Cardiovascular Implantable Devices. Circulation: Arrhythmia and Electrophysiology, 2018, 11, e005480.	2.1	5
123	Management of cardiac implantable electronic devices in the presence of left ventricular assist devices. Heart Rhythm, 2018, 15, 1089-1096.	0.3	13
124	Real-Time Pathophysiologic Correlates of Left Atrial Appendage Thrombus in Patients Who Underwent Transesophageal-Guided Electrical Cardioversion for Atrial Fibrillation. American Journal of Cardiology, 2018, 121, 1540-1547.	0.7	12
125	Impact of sedation vs. general anaesthesia on percutaneous epicardial access safety and procedural outcomes. Europace, 2018, 20, 329-336.	0.7	18
126	Mortality and Cerebrovascular Events After Heart Rhythm Disorder Management Procedures. Circulation, 2018, 137, 24-33.	1.6	17

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127	Safety of magnetic resonance imaging in patients with legacy pacemakers and defibrillators and abandoned leads. Heart Rhythm, 2018, 15, 228-233.	0.3	68
128	Risk of Appropriate Therapy and Death Before Therapy After Implantable Cardioverter-Defibrillator Generator Replacement. Circulation: Arrhythmia and Electrophysiology, 2018, 11, e006155.	2.1	16
129	Cardiac resynchronization therapy improves myocardial conduction a. PACE - Pacing and Clinical Electrophysiology, 2018, 42, 238-246.	0.5	5
130	A case of paroxysmal atrioventricular blockâ€“induced cardiac arrest. HeartRhythm Case Reports, 2018, 4, 383-385.	0.2	2
131	Termination of Atrial Fibrillation With Epicardial Cooling in the Oblique Sinus. JACC: Clinical Electrophysiology, 2018, 4, 1362-1368.	1.3	3
132	Outcomes of repeated transvenous lead extraction. PACE - Pacing and Clinical Electrophysiology, 2018, 41, 1321-1328.	0.5	4
133	Statins decrease leptin expression in human white adipocytes. Physiological Reports, 2018, 6, e13566.	0.7	31
134	Diagnostic evaluation and management of cultureâ€negative cardiovascular implantable electronic device infections. PACE - Pacing and Clinical Electrophysiology, 2018, 41, 933-942.	0.5	7
135	Outcomes of cardiac resynchronization therapy using left ventricular quadripolar leads. PACE - Pacing and Clinical Electrophysiology, 2018, 41, 912-919.	0.5	7
136	Errors of Classification With Potassium Blood Testing: The Variability and Repeatability of Critical Clinical Tests. Mayo Clinic Proceedings, 2018, 93, 566-572.	1.4	10
137	Noninvasive assessment of dofetilide plasma concentration using a deep learning (neural network) analysis of the surface electrocardiogram: A proof of concept study. PLoS ONE, 2018, 13, e0201059.	1.1	28
138	Fragmentation of QRS complex during ventricular pacing is associated with ventricular arrhythmic events in patients with left ventricular dysfunction. Journal of Cardiovascular Electrophysiology, 2018, 29, 1248-1256.	0.8	2
139	Outcomes of videoâ€assisted thoracoscopic surgery for transvenous lead extraction. Journal of Cardiovascular Electrophysiology, 2018, 29, 1032-1037.	0.8	3
140	PercutaneousÂepicardial pacing using a novel transverse sinus device. Journal of Cardiovascular Electrophysiology, 2018, 29, 1308-1316.	0.8	4
141	Cardiac Pacemakers: Function, Troubleshooting, and Management. Journal of the American College of Cardiology, 2017, 69, 189-210.	1.2	177
142	Advances and Future Directions inÂCardiacÂPacemakers. Journal of the American College of Cardiology, 2017, 69, 211-235.	1.2	69
143	Burden of Arrhythmia in Pregnancy. Circulation, 2017, 135, 619-621.	1.6	97
144	Endocardial Device Leads in Patients with Patent Foramen Ovale: Echocardiographic Correlates of Stroke/TIA and Mortality. PACE - Pacing and Clinical Electrophysiology, 2017, 40, 310-322.	0.5	2

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145	Sudden death and its risk factors after atrioventricular junction ablation and pacemaker implantation in patients with atrial fibrillation. Clinical Cardiology, 2017, 40, 18-25.	0.7	8
146	Evaluation of a Unique Defibrillation Unit with Dualâ€Vector Biphasic Waveform Capabilities: Towards a Miniaturized Defibrillator. PACE - Pacing and Clinical Electrophysiology, 2017, 40, 108-114.	0.5	1
147	Magnetic Resonance Imaging in Nondependent Pacemaker Patients with Pacemakers and Defibrillators with a Nearly Depleted Battery. PACE - Pacing and Clinical Electrophysiology, 2017, 40, 476-481.	0.5	8
148	Incidence of Idiopathic Ventricular Arrhythmias. Circulation: Arrhythmia and Electrophysiology, 2017, 10, .	2.1	57
149	Noninvasive blood potassium measurement using signal-processed, single-lead ecg acquired from a handheld smartphone. Journal of Electrocardiology, 2017, 50, 620-625.	0.4	33
150	Editorial commentary: Here today, gone tomorrow: The LAA and stroke. Trends in Cardiovascular Medicine, 2017, 27, 447-448.	2.3	0
151	International survey of knowledge, attitudes, and practices of cardiologists regarding prevention and management of cardiac implantable electronic device infections. PACE - Pacing and Clinical Electrophysiology, 2017, 40, 1260-1268.	0.5	5
152	Architectural T-Wave Analysis and Identification of On-Therapy Breakthrough Arrhythmic Risk in Type 1 and Type 2 Long-QT Syndrome. Circulation: Arrhythmia and Electrophysiology, 2017, 10, .	2.1	11
153	Response by Vaidya et al to Letter Regarding Article, â€œBurden of Arrhythmia in Pregnancyâ€• Circulation, 2017, 136, 244-245.	1.6	0
154	A Novel Defibrillation Tool. JACC: Clinical Electrophysiology, 2017, 3, 747-755.	1.3	7
155	Leadless Pacemakers â€“ Implant, Explant and Long-Term Safety and Efficacy Data. Journal of Atrial Fibrillation, 2017, 10, 1581.	0.5	18
156	Novel Techniques in Epilepsy Management: Venous Pacing and Capture of Electrical Activity in the Primate Cortex. Journal of Neurology & Neurophysiology, 2016, 7, .	0.1	2
157	Outcomes of Combined Endocardial-Epicardial Ablation Compared With Endocardial Ablation Alone in Patients Who Undergo Epicardial Access. American Journal of Cardiology, 2016, 118, 842-848.	0.7	14
158	Novel Bloodless Potassium Determination Using a Signalâ€Processed Singleâ€Lead ECG. Journal of the American Heart Association, 2016, 5, .	1.6	59
159	Ischemic Stroke or Systemic Embolism After Transseptal Ablation of Arrhythmias in Patients With Cardiac Implantable Electronic Devices. Journal of the American Heart Association, 2016, 5, e003163.	1.6	7
160	Kurtosis as a statistical approach to identify the pivot point of the rotor. , 2016, 2016, 497-500.		7
161	Gender, Racial, and Health Insurance Differences in the Trend of Implantable Cardioverterâ€Defibrillator (<scp>ICD</scp>) Utilization: A United States Experience Over the Last Decade. Clinical Cardiology, 2016, 39, 63-71.	0.7	55
162	Effect of epicardial cooling Peltier elements on atrial conduction: A proof-of-concept study for a potentially painless method of atrial defibrillation. Heart Rhythm, 2016, 13, 2253-2258.	0.3	7

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163	Outcomes of Transvenous Lead Extraction for Cardiovascular Implantable Electronic Device Infections in Patients With Prosthetic Heart Valves. Circulation: Arrhythmia and Electrophysiology, 2016, 9, .	2.1	14
164	Identification of Concealed and Manifest Long QT Syndrome Using a Novel T Wave Analysis Program. Circulation: Arrhythmia and Electrophysiology, 2016, 9, .	2.1	21
165	Electrocardiographic and Echocardiographic predictors of paroxysmal atrial fibrillation detected after ischemic stroke. BMC Cardiovascular Disorders, 2016, 16, 209.	0.7	39
166	Singular Novel Technology With Varied Techniques For Implementation. Journal of Cardiovascular Electrophysiology, 2016, 27, 1502-1504.	0.8	2
167	Defibrillators. Circulation, 2016, 134, 1390-1404.	1.6	32
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