

Paul A Friedman, Fhrs

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/25016/paul-a-friedman-fhrs-publications-by-year.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

224
papers

5,466
citations

36
h-index

68
g-index

265
ext. papers

7,742
ext. citations

5.6
avg, IF

6.04
L-index

#	Paper	IF	Citations
224	Current and future implications of the artificial intelligence electrocardiogram: the transformation of healthcare and attendant research opportunities.. <i>Cardiovascular Research</i> , 2022 , 118, e23-e25	9.9	0
223	The year in cardiovascular medicine 2021: digital health and innovation.. <i>European Heart Journal</i> , 2022 ,	9.5	5
222	Artificial Intelligence-Enabled Electrocardiogram for Atrial Fibrillation Identifies Cognitive Decline Risk and Cerebral Infarcts.. <i>Mayo Clinic Proceedings</i> , 2022 , 97, 871-880	6.4	0
221	Evaluating atrial fibrillation artificial intelligence for the emergency department, statistical and clinical implications.. <i>American Journal of Emergency Medicine</i> , 2022 , 57, 98-102	2.9	
220	Detection of Left Atrial Myopathy Using Artificial Intelligence-Enabled Electrocardiography.. <i>Circulation: Heart Failure</i> , 2021 , CIRCHEARTFAILURE120008176	7.6	0
219	Characteristics and Outcomes of Ventricular Tachycardia and Premature Ventricular Contractions Ablation in Patients with Prior Mitral Valve Surgery.. <i>Journal of Cardiovascular Electrophysiology</i> , 2021 ,	2.7	2
218	Renal Dysfunction Following Direct Current Cardioversion of Atrial Fibrillation: Incidence and Risk Factors. <i>CardioRenal Medicine</i> , 2021 , 11, 27-32	2.8	0
217	Mortality risk stratification using artificial intelligence-augmented electrocardiogram in cardiac intensive care unit patients. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2021 , 10, 532-541	4.3	0
216	Electrocardiography-Based Artificial Intelligence Algorithm Aids in Prediction of Long-term Mortality After Cardiac Surgery. <i>Mayo Clinic Proceedings</i> , 2021 , 96, 3062-3070	6.4	1
215	Catheter ablation of ventricular tachycardia in patients with postinfarction left ventricular aneurysm. <i>Journal of Cardiovascular Electrophysiology</i> , 2021 , 32, 3156-3164	2.7	1
214	Artificial Intelligence (AI)-Empowered Echocardiography Interpretation: A State-of-the-Art Review. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	11
213	Electrocardiogram screening for aortic valve stenosis using artificial intelligence. <i>European Heart Journal</i> , 2021 , 42, 2885-2896	9.5	17
212	Artificial Intelligence-Enabled Assessment of the Heart Rate Corrected QT Interval Using a Mobile Electrocardiogram Device. <i>Circulation</i> , 2021 , 143, 1274-1286	16.7	18
211	External validation of a deep learning electrocardiogram algorithm to detect ventricular dysfunction. <i>International Journal of Cardiology</i> , 2021 , 329, 130-135	3.2	7
210	The 12-lead electrocardiogram as a biomarker of biological age. <i>European Heart Journal Digital Health</i> , 2021 , 2, 379-389	2.3	4
209	Artificial intelligence-enabled electrocardiograms for identification of patients with low ejection fraction: a pragmatic, randomized clinical trial. <i>Nature Medicine</i> , 2021 , 27, 815-819	50.5	29
208	Natural language processing of implantable cardioverter-defibrillator reports in hypertrophic cardiomyopathy: A paradigm for longitudinal device follow-up. <i>Cardiovascular Digital Health Journal</i> , 2021 , 2, 264-269	2	

207	Use of Artificial Intelligence and Deep Neural Networks in Evaluation of Patients With Electrocardiographically Concealed Long QT Syndrome From the Surface 12-Lead Electrocardiogram. <i>JAMA Cardiology</i> , 2021 , 6, 532-538	16.2	14
206	An artificial intelligence-enabled ECG algorithm for comprehensive ECG interpretation: Can it pass the Turing test? <i>Cardiovascular Digital Health Journal</i> , 2021 , 2, 164-170	2	5
205	Anatomic Approach to Transseptal Puncture for Structural Heart Interventions. <i>JACC: Cardiovascular Interventions</i> , 2021 , 14, 1509-1522	5	2
204	Cost Effectiveness of an Electrocardiographic Deep Learning Algorithm to Detect Asymptomatic Left Ventricular Dysfunction. <i>Mayo Clinic Proceedings</i> , 2021 , 96, 1835-1844	6.4	2
203	Using ensemble of ensemble machine learning methods to predict outcomes of cardiac resynchronization. <i>Journal of Cardiovascular Electrophysiology</i> , 2021 , 32, 2504-2514	2.7	3
202	Left ventricular systolic dysfunction identification using artificial intelligence-augmented electrocardiogram in cardiac intensive care unit patients. <i>International Journal of Cardiology</i> , 2021 , 326, 114-123	3.2	7
201	Utilization and procedural adverse outcomes associated with Watchman device implantation. <i>Europace</i> , 2021 , 23, 247-253	3.9	3
200	Liposomal bupivacaine during subcutaneous implantable cardioverter defibrillator implantation for pain management. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2021 , 44, 513-518	1.6	0
199	Vascular Aging Detected by Peripheral Endothelial Dysfunction Is Associated With ECG-Derived Physiological Aging. <i>Journal of the American Heart Association</i> , 2021 , 10, e018656	6	7
198	Sinus rhythm heart rate increase after atrial fibrillation ablation is associated with lower risk of arrhythmia recurrence. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2021 , 44, 651-656	1.6	2
197	Artificial intelligence-enhanced electrocardiography in cardiovascular disease management. <i>Nature Reviews Cardiology</i> , 2021 , 18, 465-478	14.8	49
196	Deep neural networks learn by using human-selected electrocardiogram features and novel features. <i>European Heart Journal Digital Health</i> , 2021 , 2, 446-455	2.3	1
195	Artificial Intelligence-Enhanced Electrocardiogram for the Early Detection of Cardiac Amyloidosis. <i>Mayo Clinic Proceedings</i> , 2021 , 96, 2768-2778	6.4	6
194	Coronary Microvascular Dysfunction and the Risk of Atrial Fibrillation From an Artificial Intelligence-Enabled Electrocardiogram. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2021 , 14, e009947	6.4	0
193	Rapid Exclusion of COVID Infection With the Artificial Intelligence Electrocardiogram. <i>Mayo Clinic Proceedings</i> , 2021 , 96, 2081-2094	6.4	2
192	First-in-Human Use of a Novel Live 3D Intracardiac Echo Probe to Guide Left Atrial Appendage Closure. <i>JACC: Cardiovascular Interventions</i> , 2021 , 14, 2407-2409	5	0
191	Direct Intramyocardial Ethanol Injection for Premature Ventricular Contraction Arising From the Inaccessible Left Ventricular Summit. <i>JACC: Clinical Electrophysiology</i> , 2021 , 7, 1647-1647	4.6	1
190	Diagnosis and treatment of new heart failure with reduced ejection fraction by the artificial intelligence-enhanced electrocardiogram. <i>Cardiovascular Digital Health Journal</i> , 2021 , 2, 282-284	2	2

189	Detecting cardiomyopathies in pregnancy and the postpartum period with an electrocardiogram-based deep learning model.. <i>European Heart Journal Digital Health</i> , 2021 , 2, 586-596	2.3	2
188	The extravascular implantable cardioverter-defibrillator: The pivotal study plan. <i>Journal of Cardiovascular Electrophysiology</i> , 2021 , 32, 2371-2378	2.7	0
187	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. <i>American Heart Journal</i> , 2021 , 239, 73-79	4.9	5
186	The Role of Artificial Intelligence in Arrhythmia Monitoring. <i>Cardiac Electrophysiology Clinics</i> , 2021 , 13, 543-554	1.4	1
185	Use of Artificial Intelligence Tools Across Different Clinical Settings: A Cautionary Tale. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2021 , 14, e008153	5.8	1
184	Artificial Intelligence-Enabled Electrocardiography to Screen Patients with Dilated Cardiomyopathy. <i>American Journal of Cardiology</i> , 2021 , 155, 121-127	3	0
183	The effect of cardiac rhythm on artificial intelligence-enabled ECG evaluation of left ventricular ejection fraction prediction in cardiac intensive care unit patients. <i>International Journal of Cardiology</i> , 2021 , 339, 54-55	3.2	1
182	Application of artificial intelligence to the electrocardiogram. <i>European Heart Journal</i> , 2021 , 42, 4717-4730	3.9	19
181	Artificial Intelligence-Enabled ECG to Identify Silent Atrial Fibrillation in Embolic Stroke of Unknown Source. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021 , 30, 105998	2.8	4
180	Detection of hypertrophic cardiomyopathy by an artificial intelligence electrocardiogram in children and adolescents. <i>International Journal of Cardiology</i> , 2021 , 340, 42-47	3.2	3
179	Artificial Intelligence-Augmented Electrocardiogram Detection of Left Ventricular Systolic Dysfunction in the General Population. <i>Mayo Clinic Proceedings</i> , 2021 , 96, 2576-2586	6.4	1
178	Development of the AI-Cirrhosis-ECG (ACE) Score: An electrocardiogram-based deep learning model in cirrhosis.. <i>American Journal of Gastroenterology</i> , 2021 , 117,	0.7	1
177	Artificial Intelligence ECG to Detect Left Ventricular Dysfunction in COVID-19: A Case Series. <i>Mayo Clinic Proceedings</i> , 2020 , 95, 2464-2466	6.4	7
176	Artificial Intelligence in Cardiology: Present and Future. <i>Mayo Clinic Proceedings</i> , 2020 , 95, 1015-1039	6.4	54
175	Generalizability of the CASTLE-AF trial: Catheter ablation for patients with atrial fibrillation and heart failure in routine practice. <i>Heart Rhythm</i> , 2020 , 17, 1057-1065	6.7	26
174	Artificial Intelligence and Machine Learning in Arrhythmias and Cardiac Electrophysiology. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2020 , 13, e007952	6.4	38
173	Detection of Hypertrophic Cardiomyopathy Using a Convolutional Neural Network-Enabled Electrocardiogram. <i>Journal of the American College of Cardiology</i> , 2020 , 75, 722-733	15.1	55
172	Assessing and Mitigating Bias in Medical Artificial Intelligence: The Effects of Race and Ethnicity on a Deep Learning Model for ECG Analysis. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2020 , 13, e007988	6.4	43

171	Urgent Guidance for Navigating and Circumventing the QTc-Prolonging and Torsadogenic Potential of Possible Pharmacotherapies for Coronavirus Disease 19 (COVID-19). <i>Mayo Clinic Proceedings</i> , 2020 , 95, 1213-1221	6.4	263
170	Recurrent cryptogenic stroke: A potential role for an artificial intelligence-enabled electrocardiogram?. <i>HeartRhythm Case Reports</i> , 2020 , 6, 202-205	1	11
169	Use of Artificial Intelligence Electrocardiography to Predict Atrial Fibrillation (AF) in Patients with Chronic Lymphocytic Leukemia (CLL). <i>Blood</i> , 2020 , 136, 50-51	2.2	
168	Digital health innovation in cardiology. <i>Cardiovascular Digital Health Journal</i> , 2020 , 1, 6-8	2	4
167	Marked Up-Regulation of ACE2 in Hearts of Patients With Obstructive Hypertrophic Cardiomyopathy: Implications for SARS-CoV-2-Mediated COVID-19. <i>Mayo Clinic Proceedings</i> , 2020 , 95, 1354-1368	6.4	31
166	Injectable Flexible Subcutaneous Electrode Array Technology for Electrocardiogram Monitoring Device. <i>ACS Biomaterials Science and Engineering</i> , 2020 , 6, 2652-2658	5.5	3
165	ECG AI-Guided Screening for Low Ejection Fraction (EAGLE): Rationale and design of a pragmatic cluster randomized trial. <i>American Heart Journal</i> , 2020 , 219, 31-36	4.9	26
164	Clinical trial design data for electrocardiogram artificial intelligence-guided screening for low ejection fraction (EAGLE). <i>Data in Brief</i> , 2020 , 28, 104894	1.2	6
163	The Future of Percutaneous Epicardial Interventions. <i>Cardiac Electrophysiology Clinics</i> , 2020 , 12, 419-430	1.4	1
162	An AI-ECG algorithm for atrial fibrillation risk: steps towards clinical implementation - AuthorsR reply. <i>Lancet, The</i> , 2020 , 396, 236-237	4.0	2
161	Left sinus of Valsalva-Electroanatomic basis and outcomes with ablation for outflow tract arrhythmias. <i>Journal of Cardiovascular Electrophysiology</i> , 2020 , 31, 952-959	2.7	5
160	Artificial Intelligence-Electrocardiography to Predict Incident Atrial Fibrillation: A Population-Based Study. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2020 , 13, e009355	6.4	23
159	Clinical implications of elective replacement indicator setting changes in patients with dual-chamber pacemaker devices. <i>Journal of Cardiovascular Electrophysiology</i> , 2020 , 31, 2704-2710	2.7	0
158	Fibroplasty (venoplasty) to facilitate transvenous lead placement: A single-center experience. <i>Journal of Cardiovascular Electrophysiology</i> , 2020 , 31, 2425-2430	2.7	2
157	Artificial Intelligence-Enabled ECG Algorithm to Identify Patients With Left Ventricular Systolic Dysfunction Presenting to the Emergency Department With Dyspnea. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2020 , 13, e008437	6.4	26
156	Prospective evaluation of the utility of magnetic resonance imaging in patients with non-MRI-conditional pacemakers and defibrillators. <i>Journal of Cardiovascular Electrophysiology</i> , 2020 , 31, 2931-2939	2.7	1
155	A comprehensive artificial intelligence-enabled electrocardiogram interpretation program.. <i>Cardiovascular Digital Health Journal</i> , 2020 , 1, 62-70	2	12
154	Cardiovascular Health in the COVID-19 Era: A Call for Action and Education. <i>Mayo Clinic Proceedings</i> , 2020 , 95, 1584-1588	6.4	2

153	Molecular Approach to Diagnosis of Cardiovascular Implantable Electronic Device Infection. <i>Clinical Infectious Diseases</i> , 2020 , 70, 898-906	11.6	6
152	Risk of QTc prolongation among cancer patients treated with tyrosine kinase inhibitors. <i>International Journal of Cancer</i> , 2020 , 147, 3160-3167	7.5	11
151	Age and Sex Estimation Using Artificial Intelligence From Standard 12-Lead ECGs. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2019 , 12, e007284	6.4	84
150	Effective Use of Percutaneous Stellate Ganglion Blockade in Patients With Electrical Storm. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2019 , 12, e007118	6.4	20
149	Trends of Cardiovascular Implantable Electronic Device Infection in 3 Decades: A Population-Based Study. <i>JACC: Clinical Electrophysiology</i> , 2019 , 5, 1071-1080	4.6	27
148	Safety and compatibility of smart device heart rhythm monitoring in patients with cardiovascular implantable electronic devices. <i>Journal of Cardiovascular Electrophysiology</i> , 2019 , 30, 1602-1609	2.7	3
147	Incidence and outcomes of systemic infections in patients with leadless pacemakers: Data from the Micra IDE study. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2019 , 42, 1105-1110	1.6	31
146	Radiolucent implantable electrocardiographic monitoring device based on graphene. <i>Carbon</i> , 2019 , 152, 946-953	10.4	8
145	Lyme carditis atrioventricular block: management strategies-AuthorsReply. <i>Europace</i> , 2019 , 21, 1282	3.9	
144	Pragmatic considerations for fostering reproducible research in artificial intelligence. <i>Npj Digital Medicine</i> , 2019 , 2, 42	15.7	13
143	Electrophysiologic effects and outcomes of sympatholysis in patients with recurrent ventricular arrhythmia and structural heart disease. <i>Journal of Cardiovascular Electrophysiology</i> , 2019 , 30, 1499-1507	2.7	9
142	Predictors of Bloodstream Infection in Patients Presenting With Cardiovascular Implantable Electronic Device Pocket Infection. <i>Open Forum Infectious Diseases</i> , 2019 , 6, ofz084	1	2
141	Prospective validation of a deep learning electrocardiogram algorithm for the detection of left ventricular systolic dysfunction. <i>Journal of Cardiovascular Electrophysiology</i> , 2019 , 30, 668-674	2.7	53
140	Development and Validation of a Deep-Learning Model to Screen for Hyperkalemia From the Electrocardiogram. <i>JAMA Cardiology</i> , 2019 , 4, 428-436	16.2	100
139	Clinical Presentation, Management, and Outcomes of Cardiovascular Implantable Electronic Device Infections Due to Gram-Negative Versus Gram-Positive Bacteria. <i>Mayo Clinic Proceedings</i> , 2019 , 94, 1268-1277	6.4	7
138	Incidence, patterns, and outcomes after transvenous cardiac device lead macrodislodgment: Insights from a population-based study. <i>Heart Rhythm</i> , 2019 , 16, 140-147	6.7	12
137	Safety of thoracic magnetic resonance imaging for patients with pacemakers and defibrillators. <i>Heart Rhythm</i> , 2019 , 16, 1645-1651	6.7	6
136	An artificial intelligence-enabled ECG algorithm for the identification of patients with atrial fibrillation during sinus rhythm: a retrospective analysis of outcome prediction. <i>Lancet, The</i> , 2019 , 394, 861-867	40	360

135	Multicenter prospective observational long-term follow-up study of endocardial cardiac resynchronization therapy using the Jurdham procedure. <i>Heart Rhythm</i> , 2019 , 16, 1453-1461	6.7	4
134	Outcome of combined cryo- and radiofrequency-catheter ablation in patients with supraventricular tachycardias. <i>Journal of Cardiovascular Electrophysiology</i> , 2019 , 30, 1960-1966	2.7	2
133	Association between the Charlson comorbidity index and outcomes after implantable cardioverter defibrillator generator replacement. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2019 , 42, 1236-1242	1.6	2
132	Stellate ganglion block and cardiac sympathetic denervation in patients with inappropriate sinus tachycardia. <i>Journal of Cardiovascular Electrophysiology</i> , 2019 , 30, 2920-2928	2.7	5
131	Sudden cardiac arrest and ventricular arrhythmias following first type I myocardial infarction in the contemporary era. <i>Journal of Cardiovascular Electrophysiology</i> , 2019 , 30, 2869-2876	2.7	3
130	Efficacy and Safety of Transvenous Lead Extraction in the Device Laboratory and Operating Room Guided by a Novel Risk Stratification Scheme. <i>JACC: Clinical Electrophysiology</i> , 2019 , 5, 174-182	4.6	12
129	Utility of 30-Day Continuous Ambulatory Monitoring to Identify Patients With Delayed Occurrence of Atrioventricular Block After Transcatheter Aortic Valve Replacement. <i>Circulation: Cardiovascular Interventions</i> , 2019 , 12, e007635	6	15
128	Postoperative opioid prescription patterns and new opioid refills following cardiac implantable electronic device procedures. <i>Heart Rhythm</i> , 2019 , 16, 1841-1848	6.7	5
127	Comparative outcomes of subcutaneous and transvenous cardioverter-defibrillators. <i>Chinese Medical Journal</i> , 2019 , 132, 631-637	2.9	7
126	Ischemic Stroke Risk in Patients With Nonvalvular Atrial Fibrillation: JACC Review Topic of the Week. <i>Journal of the American College of Cardiology</i> , 2019 , 74, 3050-3065	15.1	31
125	Diagnostic and therapeutic value of implantable loop recorder: A tertiary care center experience. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2019 , 42, 38-45	1.6	8
124	Real-world experience with leadless cardiac pacing. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2019 , 42, 366-373	1.6	10
123	Screening for cardiac contractile dysfunction using an artificial intelligence-enabled electrocardiogram. <i>Nature Medicine</i> , 2019 , 25, 70-74	50.5	314
122	Feasibility and safety of percutaneous epicardial access for mapping and ablation for ventricular arrhythmias in patients on oral anticoagulants. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2019 , 54, 81-89	2.4	4
121	Role of F-FDG PET/CT in the diagnosis of cardiovascular implantable electronic device infections: A meta-analysis. <i>Journal of Nuclear Cardiology</i> , 2019 , 26, 958-970	2.1	53
120	Cardiac resynchronization therapy improves myocardial conduction. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2019 , 42, 238-246	1.6	2
119	Safety and Efficacy of Cryoablation in Patients With Ventricular Arrhythmias Originating From the Para-Hisian Region. <i>JACC: Clinical Electrophysiology</i> , 2018 , 4, 366-373	4.6	16
118	Novel Quantitative Analytical Approaches for Rotor Identification and Associated Implications for Mapping. <i>IEEE Transactions on Biomedical Engineering</i> , 2018 , 65, 273-281	5	18

117	Mortality After Magnetic Resonance Imaging of the Brain in Patients With Cardiovascular Implantable Devices. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2018 , 11, e005480	6.4	4
116	Management of cardiac implantable electronic devices in the presence of left ventricular assist devices. <i>Heart Rhythm</i> , 2018 , 15, 1089-1096	6.7	7
115	Real-Time Pathophysiologic Correlates of Left Atrial Appendage Thrombus in Patients Who Underwent Transesophageal-Guided Electrical Cardioversion for Atrial Fibrillation. <i>American Journal of Cardiology</i> , 2018 , 121, 1540-1547	3	7
114	Impact of sedation vs. general anaesthesia on percutaneous epicardial access safety and procedural outcomes. <i>Europace</i> , 2018 , 20, 329-336	3.9	12
113	Mortality and Cerebrovascular Events After Heart Rhythm Disorder Management Procedures. <i>Circulation</i> , 2018 , 137, 24-33	16.7	13
112	Safety of magnetic resonance imaging in patients with legacy pacemakers and defibrillators and abandoned leads. <i>Heart Rhythm</i> , 2018 , 15, 228-233	6.7	46
111	Errors of Classification With Potassium Blood Testing: The Variability and Repeatability of Critical Clinical Tests. <i>Mayo Clinic Proceedings</i> , 2018 , 93, 566-572	6.4	7
110	Noninvasive assessment of dofetilide plasma concentration using a deep learning (neural network) analysis of the surface electrocardiogram: A proof of concept study. <i>PLoS ONE</i> , 2018 , 13, e0201059	3.7	17
109	Fragmentation of QRS complex during ventricular pacing is associated with ventricular arrhythmic events in patients with left ventricular dysfunction. <i>Journal of Cardiovascular Electrophysiology</i> , 2018 , 29, 1248-1256	2.7	1
108	Outcomes of video-assisted thoracoscopic surgery for transvenous lead extraction. <i>Journal of Cardiovascular Electrophysiology</i> , 2018 , 29, 1032-1037	2.7	1
107	Percutaneous epicardial pacing using a novel transverse sinus device. <i>Journal of Cardiovascular Electrophysiology</i> , 2018 , 29, 1308-1316	2.7	2
106	Risk of Appropriate Therapy and Death Before Therapy After Implantable Cardioverter-Defibrillator Generator Replacement. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2018 , 11, e006155	6.4	11
105	A case of paroxysmal atrioventricular block-induced cardiac arrest. <i>HeartRhythm Case Reports</i> , 2018 , 4, 383-385	1	2
104	Termination of Atrial Fibrillation With Epicardial Cooling in the Oblique Sinus. <i>JACC: Clinical Electrophysiology</i> , 2018 , 4, 1362-1368	4.6	2
103	Outcomes of repeated transvenous lead extraction. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2018 , 41, 1321-1328	1.6	2
102	Statins decrease leptin expression in human white adipocytes. <i>Physiological Reports</i> , 2018 , 6, e13566	2.6	23
101	Diagnostic evaluation and management of culture-negative cardiovascular implantable electronic device infections. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2018 , 41, 933	1.6	5
100	Outcomes of cardiac resynchronization therapy using left ventricular quadripolar leads. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2018 , 41, 912	1.6	4

99	Cardiac Pacemakers: Function, Troubleshooting, and Management: Part 1 of a 2-Part Series. <i>Journal of the American College of Cardiology</i> , 2017 , 69, 189-210	15.1	109
98	Advances and Future Directions in Cardiac Pacemakers: Part 2 of a 2-Part Series. <i>Journal of the American College of Cardiology</i> , 2017 , 69, 211-235	15.1	43
97	Burden of Arrhythmia in Pregnancy. <i>Circulation</i> , 2017 , 135, 619-621	16.7	56
96	Endocardial Device Leads in Patients with Patent Foramen Ovale: Echocardiographic Correlates of Stroke/TIA and Mortality. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2017 , 40, 310-322	1.6	1
95	Sudden death and its risk factors after atrioventricular junction ablation and pacemaker implantation in patients with atrial fibrillation. <i>Clinical Cardiology</i> , 2017 , 40, 18-25	3.3	7
94	Evaluation of a Unique Defibrillation Unit with Dual-Vector Biphasic Waveform Capabilities: Towards a Miniaturized Defibrillator. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2017 , 40, 108-114	1.6	1
93	Magnetic Resonance Imaging in Nondependent Pacemaker Patients with Pacemakers and Defibrillators with a Nearly Depleted Battery. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2017 , 40, 476-481	1.6	6
92	Incidence of Idiopathic Ventricular Arrhythmias: A Population-Based Study. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2017 , 10,	6.4	27
91	Noninvasive blood potassium measurement using signal-processed, single-lead ecg acquired from a handheld smartphone. <i>Journal of Electrocardiology</i> , 2017 , 50, 620-625	1.4	22
90	Leadless Pacemakers - Implant, Explant and Long-Term Safety and Efficacy Data. <i>Journal of Atrial Fibrillation</i> , 2017 , 10, 1581	0.8	13
89	International survey of knowledge, attitudes, and practices of cardiologists regarding prevention and management of cardiac implantable electronic device infections. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2017 , 40, 1260-1268	1.6	3
88	Architectural T-Wave Analysis and Identification of On-Therapy Breakthrough Arrhythmic Risk in Type 1 and Type 2 Long-QT Syndrome. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2017 , 10,	6.4	4
87	Response by Vaidya et al to Letter Regarding Article, "Burden of Arrhythmia in Pregnancy". <i>Circulation</i> , 2017 , 136, 244-245	16.7	
86	A Novel Defibrillation Tool: Percutaneously Delivered, Partially Insulated Epicardial Defibrillation. <i>JACC: Clinical Electrophysiology</i> , 2017 , 3, 747-755	4.6	5
85	Effect of epicardial cooling Peltier elements on atrial conduction: A proof-of-concept study for a potentially painless method of atrial defibrillation. <i>Heart Rhythm</i> , 2016 , 13, 2253-2258	6.7	5
84	Outcomes of Transvenous Lead Extraction for Cardiovascular Implantable Electronic Device Infections in Patients With Prosthetic Heart Valves. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2016 , 9,	6.4	6
83	Identification of Concealed and Manifest Long QT Syndrome Using a Novel T Wave Analysis Program. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2016 , 9,	6.4	9
82	Electrocardiographic and Echocardiographic predictors of paroxysmal atrial fibrillation detected after ischemic stroke. <i>BMC Cardiovascular Disorders</i> , 2016 , 16, 209	2.3	26

81	Defibrillators: Selecting the Right Device for the Right Patient. <i>Circulation</i> , 2016 , 134, 1390-1404	16.7	22
80	Novel Multiscale Frequency Approach to Identify the Pivot Point of the Rotor1. <i>Journal of Medical Devices, Transactions of the ASME</i> , 2016 , 10,	1.3	6
79	Outcomes After Implantable Cardioverter-Defibrillator Generator Replacement for Primary Prevention of Sudden Cardiac Death. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2016 , 9, e003283	6.4	36
78	Left Atrial Appendage Exclusion for Atrial Fibrillation. <i>Heart Failure Clinics</i> , 2016 , 12, 273-97	3.3	5
77	Outcomes of Combined Endocardial-Epicardial Ablation Compared With Endocardial Ablation Alone in Patients Who Undergo Epicardial Access. <i>American Journal of Cardiology</i> , 2016 , 118, 842-848	3	8
76	Novel Bloodless Potassium Determination Using a Signal-Processed Single-Lead ECG. <i>Journal of the American Heart Association</i> , 2016 , 5,	6	31
75	Ischemic Stroke or Systemic Embolism After Transeptal Ablation of Arrhythmias in Patients With Cardiac Implantable Electronic Devices. <i>Journal of the American Heart Association</i> , 2016 , 5, e003163	6	5
74	Kurtosis as a statistical approach to identify the pivot point of the rotor. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2016 , 2016, 497-500	0.9	4
73	Gender, Racial, and Health Insurance Differences in the Trend of Implantable Cardioverter-Defibrillator (ICD) Utilization: A United States Experience Over the Last Decade. <i>Clinical Cardiology</i> , 2016 , 39, 63-71	3.3	35
72	Predicting risk of endovascular device infection in patients with Staphylococcus aureus bacteremia (PREDICT-SAB). <i>Circulation: Arrhythmia and Electrophysiology</i> , 2015 , 8, 137-44	6.4	26
71	Percutaneous ligation of the left atrial appendage results in atrial electrical substrate modification. <i>Translational Research</i> , 2015 , 165, 365-73	11	5
70	Usefulness of sonication of cardiovascular implantable electronic devices to enhance microbial detection. <i>American Journal of Cardiology</i> , 2015 , 115, 912-7	3	22
69	Troubleshooting implantable cardioverter-defibrillator sensing problems II. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2015 , 8, 212-20	6.4	15
68	Percutaneous Implantation of an Entirely Intracardiac Leadless Pacemaker. <i>New England Journal of Medicine</i> , 2015 , 373, 1125-35	59.2	293
67	Percutaneous Epicardial Pacing using a Novel Insulated Multi-electrode Lead. <i>JACC: Clinical Electrophysiology</i> , 2015 , 1, 273-283	4.6	8
66	Noninvasive potassium determination using a mathematically processed ECG: proof of concept for a novel "blood-less, blood test". <i>Journal of Electrocardiology</i> , 2015 , 48, 12-8	1.4	26
65	Multicenter study of the safety and effects of magnetic resonance imaging in patients with coronary sinus left ventricular pacing leads. <i>Heart Rhythm</i> , 2015 , 12, 345-9	6.7	25
64	Feasibility of visualizing higher regions of Shannon entropy in atrial fibrillation patients. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2015 , 2015, 4499-502	0.9	10

63	Percutaneous transapical access with closure for ventricular tachycardia ablation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2015 , 8, 508-11	6.4	5
62	Electrocardiographic Predictors of Torsadogenic Risk During Dofetilide or Sotalol Initiation: Utility of a Novel T Wave Analysis Program. <i>Cardiovascular Drugs and Therapy</i> , 2015 , 29, 433-41	3.9	15
61	Trends in Use and Adverse Outcomes Associated with Transvenous Lead Removal in the United States. <i>Circulation</i> , 2015 , 132, 2363-71	16.7	55
60	"Power-on resets" in cardiac implantable electronic devices during magnetic resonance imaging. <i>Heart Rhythm</i> , 2015 , 12, 540-544	6.7	38
59	Percutaneous epicardial access for mapping and ablation is feasible in patients with prior cardiac surgery, including coronary bypass surgery. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2015 , 8, 94-101	6.4	35
58	Distinguishing ventricular arrhythmia originating from the right coronary cusp, peripulmonic valve area, and the right ventricular outflow tract: utility of lead I. <i>Journal of Cardiovascular Electrophysiology</i> , 2014 , 25, 404-410	2.7	17
57	Catheter ablation related mitral valve injury: the importance of early recognition and rescue mitral valve repair. <i>Journal of Cardiovascular Electrophysiology</i> , 2014 , 25, 971-975	2.7	25
56	Left atrial appendage exclusion for atrial fibrillation. <i>Cardiology Clinics</i> , 2014 , 32, 601-25	2.5	11
55	A prospective randomized trial of single- or dual-chamber implantable cardioverter-defibrillators to minimize inappropriate shock risk in primary sudden cardiac death prevention. <i>Europace</i> , 2014 , 16, 1460-8	3.9	31
54	Left Atrial Appendage Closure for Stroke Prevention: Emerging Technologies. <i>Cardiac Electrophysiology Clinics</i> , 2014 , 6, 141-60	1.4	5
53	Troubleshooting implanted cardioverter defibrillator sensing problems I. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2014 , 7, 1237-61	6.4	51
52	Safety and outcomes of magnetic resonance imaging in patients with abandoned pacemaker and defibrillator leads. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2014 , 37, 1284-90	1.6	60
51	Advances in radiofrequency ablation of the cerebral cortex in primates using the venous system: Improvements for treating epilepsy with catheter ablation technology. <i>Epilepsy Research</i> , 2014 , 108, 1026-31	3	5
50	Magnetic resonance imaging in patients with recently implanted pacemakers. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2013 , 36, 1090-5	1.6	33
49	Stroke or transient ischemic attack in patients with transvenous pacemaker or defibrillator and echocardiographically detected patent foramen ovale. <i>Circulation</i> , 2013 , 128, 1433-41	16.7	72
48	Cardiac device complications in the cognitively impaired. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2013 , 36, 1061-7	1.6	8
47	Sleep-disordered breathing and excessive daytime sleepiness in patients with atrial fibrillation. <i>Chest</i> , 2012 , 141, 967-973	5.3	66
46	Impact of implanted recalled sprint Fidelis lead on patient mortality. <i>Journal of the American College of Cardiology</i> , 2011 , 58, 278-83	15.1	29

45	Impact of timing of device removal on mortality in patients with cardiovascular implantable electronic device infections. <i>Heart Rhythm</i> , 2011 , 8, 1678-85	6.7	114
44	Use of the aortoatrial continuity as means of providing left ventricular assist support without entering the ventricle: a feasibility study. <i>Journal of Cardiac Failure</i> , 2011 , 17, 511-8	3.3	5
43	Non-surgical left atrial appendage closure for stroke prevention in atrial fibrillation. <i>Journal of Cardiovascular Electrophysiology</i> , 2011 , 22, 1184-91	2.7	10
42	The noncoronary cusp as a site for successful ablation of accessory pathways: electrogram characteristics in three cases. <i>Journal of Cardiovascular Electrophysiology</i> , 2011 , 22, 203-9	2.7	18
41	Differential outcome of cardiac resynchronization therapy in ischemic cardiomyopathy and idiopathic dilated cardiomyopathy. <i>Heart Rhythm</i> , 2011 , 8, 377-82	6.7	60
40	Outcomes in patients with cardiovascular implantable electronic devices and bacteremia caused by Gram-positive cocci other than <i>Staphylococcus aureus</i> . <i>Circulation: Arrhythmia and Electrophysiology</i> , 2010 , 3, 639-45	6.4	37
39	Future Developments in Nonsurgical Epicardial Therapies. <i>Cardiac Electrophysiology Clinics</i> , 2010 , 2, 135-146	1.4	2
38	The Pericardial Space: Obtaining Access and an Approach to Fluoroscopic Anatomy. <i>Cardiac Electrophysiology Clinics</i> , 2010 , 2, 9-23	1.4	13
37	Percutaneous epicardial left atrial appendage closure: preliminary results of an electrogram guided approach. <i>Journal of Cardiovascular Electrophysiology</i> , 2009 , 20, 908-15	2.7	55
36	Temporal trends in permanent pacemaker implantation: a population-based study. <i>American Heart Journal</i> , 2008 , 155, 896-903	4.9	136
35	Management and outcome of permanent pacemaker and implantable cardioverter-defibrillator infections. <i>Journal of the American College of Cardiology</i> , 2007 , 49, 1851-9	15.1	501
34	Risk factor analysis of permanent pacemaker infection. <i>Clinical Infectious Diseases</i> , 2007 , 45, 166-73	11.6	221
33	Frequency of permanent pacemaker or implantable cardioverter-defibrillator infection in patients with gram-negative bacteremia. <i>Clinical Infectious Diseases</i> , 2006 , 43, 731-6	11.6	79
32	Effects of a rate smoothing algorithm for prevention of ventricular arrhythmias: results of the Ventricular Arrhythmia Suppression Trial (VAST). <i>Heart Rhythm</i> , 2006 , 3, 573-80	6.7	23
31	Clinical outcomes after direct current cardioversion of atrial tachyarrhythmias: reply. <i>European Heart Journal</i> , 2006 , 27, 1755-1756	9.5	
30	The impact of atrial prevention and termination therapies on atrial tachyarrhythmia burden in patients receiving a dual-chamber defibrillator for ventricular arrhythmias. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2004 , 10, 103-10	2.4	16
29	Novel mapping techniques for cardiac electrophysiology. <i>British Heart Journal</i> , 2002 , 87, 575-82		33
28	Intra-atrial conduction block along the mitral valve annulus during accessory pathway ablation: evidence for a left atrial "isthmus". <i>Journal of Cardiovascular Electrophysiology</i> , 2001 , 12, 744-9	2.7	48

27	Ablation for atrial fibrillation: is the cure at hand?. <i>Journal of Cardiovascular Electrophysiology</i> , 2001 , 12, 909-11	2.7	8
26	Localization of the origin of arrhythmias for ablation: from Electrocardiography to advanced endocardial mapping systems. <i>Journal of Cardiovascular Electrophysiology</i> , 2001 , 12, 1309-25	2.7	18
25	Is sinus node modification appropriate for inappropriate sinus tachycardia with features of postural orthostatic tachycardia syndrome?. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2001 , 24, 217-30	1.6	53
24	Role of programmed ventricular stimulation and implantable cardioverter defibrillators in patients with idiopathic dilated cardiomyopathy and syncope. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2001 , 24, 1623-30	1.6	41
23	EP images: from cell to bedside. Spot welding the trigger in focal atrial fibrillation ablation. <i>Journal of Cardiovascular Electrophysiology</i> , 2000 , 11, 1061	2.7	2
22	Ablation of noninducible idiopathic left ventricular tachycardia using a noncontact map acquired from a premature complex with tachycardia morphology. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2000 , 23, 1311-4	1.6	13
21	Catheter ablation of mitral isthmus ventricular tachycardia using electroanatomically guided linear lesions. <i>Journal of Cardiovascular Electrophysiology</i> , 2000 , 11, 466-71	2.7	15
20	Global right atrial mapping of human atrial flutter: the presence of posteromedial (sinus venosa region) functional block and double potentials : a study in biplane fluoroscopy and intracardiac echocardiography. <i>Circulation</i> , 2000 , 101, 1568-77	16.7	119
19	Programming300-379		1
18	Programming: Maximizing Benefit and Minimizing Morbidity Programming319-406		
17	Follow-Up613-649		
16	Choosing the Device Generator and Leads: Matching the Device with the Patient133-156		
15	Timing Cycles255-318		
14	Hemodynamics of Cardiac Pacing: Optimization and Programming to Enhance Cardiac Function41-92		0
13	Implanting and Extracting Cardiac Devices: Technique and Avoiding Complications157-217		
12	Sensor Technology for Rate-Adaptive Pacing and Hemodynamic Optimization407-426		
11	Electromagnetic Interference: Sources, Recognition, and Management591-612		
10	Troubleshooting: Interpreting Diagnostic Information to Ensure Appropriate Function427-552		

- | | | | |
|---|--|-----|---|
| 9 | Indications for Pacemakers, ICDs and CRT: Identifying Patients Who Benefit from Cardiac Rhythm Devices93-132 | | |
| 8 | Implant-Related Complications: Relevant Anatomy and an Approach for Prevention219-254 | | |
| 7 | Radiography of Implantable Devices553-589 | | |
| 6 | Studying accelerated cardiovascular ageing in Russian adults through a novel deep-learning ECG biomarker. <i>Wellcome Open Research</i> ,6, 12 | 4.8 | 3 |
| 5 | Pacing and Defibrillation: Clinically Relevant Basics for Practice1-39 | | 1 |
| 4 | Implantation-Related Complications202-233 | | 2 |
| 3 | Clinically Relevant Basics of Pacing and Defibrillation1-42 | | |
| 2 | Follow-up572-616 | | |
| 1 | Pacemaker and Cardiac Resynchronization Timing Cycles and Electrocardiography234-299 | | |