Peter A Noseworthy

List of Publications by Citations

195 papers	**5,845** citations
36 h-index	**72** g-index
224 ext. papers	**9,071** ext. citations
6.6 avg, IF	**6.33** L-index

#	Paper	IF	Citations
195	Effect of Catheter Ablation vs Antiarrhythmic Drug Therapy on Mortality, Stroke, Bleeding, and Cardiac Arrest Among Patients With Atrial Fibrillation: The CABANA Randomized Clinical Trial. *JAMA - Journal of the American Medical Association*, **2019**, 321, 1261-1274	27.4	472
194	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	40	360
193	Screening for cardiac contractile dysfunction using an artificial intelligence-enabled electrocardiogram. *Nature Medicine*, **2019**, 25, 70-74	50.5	314
192	Non-Vitamin K Antagonist Oral Anticoagulant Dosing in Patients With Atrial Fibrillation and Renal Dysfunction. *Journal of the American College of Cardiology*, **2017**, 69, 2779-2790	15.1	289
191	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	6.4	263
190	Effectiveness and Safety of Dabigatran, Rivaroxaban, and Apixaban Versus Warfarin in Nonvalvular Atrial Fibrillation. *Journal of the American Heart Association*, **2016**, 5,	6	261
189	Effect of Adherence to Oral Anticoagulants on Risk of Stroke and Major Bleeding Among Patients With Atrial Fibrillation. *Journal of the American Heart Association*, **2016**, 5,	6	232
188	Outcomes Associated With Apixaban Use in Patients With End-Stage Kidney Disease and Atrial Fibrillation in the United States. *Circulation*, **2018**, 138, 1519-1529	16.7	225
187	Atrial Fibrillation Burden: Moving Beyond Atrial Fibrillation as a Binary Entity: A Scientific Statement From the American Heart Association. *Circulation*, **2018**, 137, e623-e644	16.7	171
186	Direct Comparison of Dabigatran, Rivaroxaban, and Apixaban for Effectiveness and Safety in Nonvalvular Atrial Fibrillation. *Chest*, **2016**, 150, 1302-1312	5.3	165
185	Gastrointestinal Safety of Direct Oral Anticoagulants: A Large Population-Based Study. *Gastroenterology*, **2017**, 152, 1014-1022.e1	13.3	124
184	Renal Outcomes in Anticoagulated Patients With Atrial Fibrillation. *Journal of the American College of Cardiology*, **2017**, 70, 2621-2632	15.1	118
183	Development and Validation of a Deep-Learning Model to Screen for Hyperkalemia From the Electrocardiogram. *JAMA Cardiology*, **2019**, 4, 428-436	16.2	100
182	Age and Sex Estimation Using Artificial Intelligence From Standard 12-Lead ECGs. *Circulation: Arrhythmia and Electrophysiology*, **2019**, 12, e007284	6.4	84
181	Impact of Left Atrial Appendage Closure During Cardiac Surgery on the Occurrence of Early Postoperative Atrial Fibrillation, Stroke, and Mortality: A Propensity Score-Matched Analysis of 10 633 Patients. *Circulation*, **2017**, 135, 366-378	16.7	82
180	Lifestyle and Risk Factor Modification for Reduction of Atrial Fibrillation: A Scientific Statement From the American Heart Association. *Circulation*, **2020**, 141, e750-e772	16.7	80
179	Typical, atypical, and asymptomatic presentations of new-onset atrial fibrillation in the community: Characteristics and prognostic implications. *Heart Rhythm*, **2016**, 13, 1418-24	6.7	80

160	Outcomes After Implantable Cardioverter-Defibrillator Generator Replacement for Primary Prevention of Sudden Cardiac Death. *Circulation: Arrhythmia and Electrophysiology*, **2016**, 9, e003283	6.4	36
159	Comparison of the CHADS-VASc, CHADS, HAS-BLED, ORBIT, and ATRIA Risk Scores in Predicting Non-Vitamin K Antagonist Oral Anticoagulants-Associated Bleeding in Patients With Atrial Fibrillation. *American Journal of Cardiology*, **2017**, 120, 1549-1556	3	36
158	Gender, Racial, and Health Insurance Differences in the Trend of Implantable Cardioverter-Defibrillator (ICD) Utilization: A United States Experience Over the Last Decade. *Clinical Cardiology*, **2016**, 39, 63-71	3.3	35
157	Stroke and Bleeding Risks in NOAC- and Warfarin-Treated Patients With Hypertrophic Cardiomyopathy and Atrial Fibrillation. *Journal of the American College of Cardiology*, **2016**, 67, 3020-1	15.1	34
156	Stroke Prevention in Nonvalvular Atrial Fibrillation: A Stakeholder Perspective. *Journal of the American College of Cardiology*, **2018**, 71, 2790-2801	15.1	33
155	Direct Oral Anticoagulants in Patients With Atrial Fibrillation and Valvular Heart Disease Other Than Significant Mitral Stenosis and Mechanical Valves: A Meta-Analysis. *Circulation*, **2017**, 135, 714-716	16.7	32
154	Marked Up-Regulation of ACE2 in Hearts of Patients With Obstructive Hypertrophic Cardiomyopathy: Implications for SARS-CoV-2-Mediated COVID-19. *Mayo Clinic Proceedings*, **2020**, 95, 1354-1368	6.4	31
153	Comparative effectiveness and safety of non-vitamin K antagonist oral anticoagulants versus warfarin in patients with atrial fibrillation and valvular heart disease. *International Journal of Cardiology*, **2016**, 209, 181-3	3.2	30
152	The efficacy and safety of electroanatomic mapping-guided endomyocardial biopsy: a systematic review. *Journal of Interventional Cardiac Electrophysiology*, **2018**, 53, 63-71	2.4	30
151	Artificial intelligence-enabled electrocardiograms for identification of patients with low ejection fraction: a pragmatic, randomized clinical trial. *Nature Medicine*, **2021**, 27, 815-819	50.5	29
150	Bileaflet Mitral Valve Prolapse and Risk of Ventricular Dysrhythmias and Death. *Journal of Cardiovascular Electrophysiology*, **2016**, 27, 463-8	2.7	29
149	Incidence of Idiopathic Ventricular Arrhythmias: A Population-Based Study. *Circulation: Arrhythmia and Electrophysiology*, **2017**, 10,	6.4	27
148	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	6.7	26
147	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	4.9	26
146	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	6.4	26
145	Burden of Arrhythmias in Acute Myocardial Infarction Complicated by Cardiogenic Shock. *American Journal of Cardiology*, **2020**, 125, 1774-1781	3	25
144	Radiofrequency Ablation Versus Antiarrhythmic Drug Therapy for Atrial Fibrillation: Meta-Analysis of Quality of Life, Morbidity, and Mortality. *JACC: Clinical Electrophysiology*, **2016**, 2, 170-180	4.6	25
143	Reduction in malignant ventricular arrhythmia and appropriate shocks following surgical correction of bileaflet mitral valve prolapse. *Journal of Interventional Cardiac Electrophysiology*, **2016**, 46, 137-43	2.4	24

142	Diagnosis-to-Ablation Time and Recurrence of Atrial Fibrillation Following Catheter Ablation: A Systematic Review and Meta-Analysis of Observational Studies. *Circulation: Arrhythmia and Electrophysiology*, **2020**, 13, e008128	6.4	23
141	Artificial Intelligence-Electrocardiography to Predict Incident Atrial Fibrillation: A Population-Based Study. *Circulation: Arrhythmia and Electrophysiology*, **2020**, 13, e009355	6.4	23
140	A Novel Truncating Variant in FLNC-Encoded Filamin C May Serve as a Proarrhythmic Genetic Substrate for Arrhythmogenic Bileaflet Mitral Valve Prolapse Syndrome. *Mayo Clinic Proceedings*, **2019**, 94, 906-913	6.4	22
139	Aggregating multiple real-world data sources using a patient-centered health-data-sharing platform. *Npj Digital Medicine*, **2020**, 3, 60	15.7	22
138	Trends and predictors of repeat catheter ablation for atrial fibrillation. *American Heart Journal*, **2016**, 171, 48-55	4.9	22
137	Research Priorities in Atrial Fibrillation Screening: A Report From a National Heart, Lung, and Blood Institute Virtual Workshop. *Circulation*, **2021**, 143, 372-388	16.7	22
136	Effective Use of Percutaneous Stellate Ganglion Blockade in Patients With Electrical Storm. *Circulation: Arrhythmia and Electrophysiology*, **2019**, 12, e007118	6.4	20
135	Assessment of Shared Decision-making for Stroke Prevention in Patients With Atrial Fibrillation: A Randomized Clinical Trial. *JAMA Internal Medicine*, **2020**, 180, 1215-1224	11.5	20
134	Shared Decision-Making as the Future of Emergency Cardiology. *Canadian Journal of Cardiology*, **2018**, 34, 117-124	3.8	18
133	Assessment of Trends in Statin Therapy for Secondary Prevention of Atherosclerotic Cardiovascular Disease in US Adults From 2007 to 2016. *JAMA Network Open*, **2020**, 3, e2025505	10.4	18
132	Artificial Intelligence-Enabled Assessment of the Heart Rate Corrected QT Interval Using a Mobile Electrocardiogram Device. *Circulation*, **2021**, 143, 1274-1286	16.7	18
131	Risk of Gastrointestinal Bleeding Increases With Combinations of Antithrombotic Agents and Patient Age. *Clinical Gastroenterology and Hepatology*, **2020**, 18, 337-346.e19	6.9	18
130	Trends and predictors of readmission after catheter ablation for atrial fibrillation, 2009-2013. *American Heart Journal*, **2015**, 170, 483-9	4.9	17
129	Research Needs and Priorities for Catheter Ablation of Atrial Fibrillation: A Report From a National Heart, Lung, and Blood Institute Virtual Workshop. *Circulation*, **2020**, 141, 482-492	16.7	17
128	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	3.7	17
127	Electrocardiogram screening for aortic valve stenosis using artificial intelligence. *European Heart Journal*, **2021**, 42, 2885-2896	9.5	17
126	The effect of mitral valve surgery on ventricular arrhythmia in patients with bileaflet mitral valve prolapse. *Indian Pacing and Electrophysiology Journal*, **2016**, 16, 187-191	1.5	17
125	Automated extraction of sudden cardiac death risk factors in hypertrophic cardiomyopathy patients by natural language processing. *International Journal of Medical Informatics*, **2019**, 128, 32-38	5.3	15

124	Shared decision making for stroke prevention in atrial fibrillation: study protocol for a randomized controlled trial. *Trials*, **2017**, 18, 443	2.8	15
123	Electrocardiographic Predictors of Torsadogenic Risk During Dofetilide or Sotalol Initiation: Utility of a Novel T Wave Analysis Program. *Cardiovascular Drugs and Therapy*, **2015**, 29, 433-41	3.9	15
122	Effect of Antiarrhythmic Drug Initiation on Readmission After Catheter Ablation for Atrial Fibrillation. *JACC: Clinical Electrophysiology*, **2015**, 1, 238-244	4.6	15
121	Transcatheter tricuspid valve-in-valve in patients with transvalvular device leads. *Catheterization and Cardiovascular Interventions*, **2016**, 87, E160-5	2.7	15
120	Applications of machine learning in decision analysis for dose management for dofetilide. *PLoS ONE* , **2019**, 14, e0227324	3.7	15
119	The WCT Formula: A novel algorithm designed to automatically differentiate wide-complex tachycardias. *Journal of Electrocardiology*, **2019**, 54, 61-68	1.4	14
118	Wide Complex Tachycardia Differentiation: A Reappraisal of the State-of-the-Art. *Journal of the American Heart Association*, **2020**, 9, e016598	6	14
117	Etripamil Nasal Spray for Rapid Conversion of Supraventricular Tachycardia to Sinus Rhythm. *Journal of the American College of Cardiology*, **2018**, 72, 489-497	15.1	14
116	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, 532-538	16.2	14
115	The QT Interval. *Circulation*, **2019**, 139, 2711-2713	16.7	13
114	Acute Sinus Node Dysfunction after Atrial Ablation: Incidence, Risk Factors, and Management. *PACE - Pacing and Clinical Electrophysiology*, **2016**, 39, 1116-1125	1.6	12
113	A comprehensive artificial intelligence-enabled electrocardiogram interpretation program.. *Cardiovascular Digital Health Journal*, **2020**, 1, 62-70	2	12
112	Smart Wearables for Cardiac Monitoring-Real-World Use beyond Atrial Fibrillation. *Sensors*, **2021**, 21,	3.8	12
111	Electrocardiogram algorithms used to differentiate wide complex tachycardias demonstrate diagnostic limitations when applied by non-cardiologists. *Journal of Electrocardiology*, **2018**, 51, 1103-1109	1.4	12
110	Recurrent cryptogenic stroke: A potential role for an artificial intelligence-enabled electrocardiogram?. *HeartRhythm Case Reports*, **2020**, 6, 202-205	1	11
109	Evaluation of anticoagulation use and subsequent stroke in patients with atrial fibrillation after empiric surgical left atrial appendage closure: A retrospective case-control study. *Clinical Cardiology*, **2018**, 41, 1578-1582	3.3	11
108	How Will Machine Learning Inform the Clinical Care of Atrial Fibrillation?. *Circulation Research*, **2020** , 127, 155-169	15.7	10
107	The VT Prediction Model: A simplified means to differentiate wide complex tachycardias. *Journal of Cardiovascular Electrophysiology*, **2020**, 31, 185-195	2.7	10

106	Coronary Endothelial Dysfunction Is Associated With Increased Risk of Incident Atrial Fibrillation. *Journal of the American Heart Association*, **2020**, 9, e014850	6	10
105	Prevalence of Transthyretin Amyloid Cardiomyopathy in Heart Failure With Preserved Ejection Fraction. *JAMA Cardiology*, **2021**, 6, 1267-1274	16.2	10
104	Endomyocardial biopsy-integrating electrode at the bioptome tip. *Therapeutic Advances in Cardiovascular Disease*, **2015**, 9, 66-9	3.4	9
103	Identification of Concealed and Manifest Long QT Syndrome Using a Novel T Wave Analysis Program. *Circulation: Arrhythmia and Electrophysiology*, **2016**, 9,	6.4	9
102	Association of New-Onset Atrial Fibrillation After Noncardiac Surgery With Subsequent Stroke and Transient Ischemic Attack. *JAMA - Journal of the American Medical Association*, **2020**, 324, 871-878	27.4	9
101	Impact of Diabetes Mellitus on Stroke and Survival in Patients With Atrial Fibrillation. *American Journal of Cardiology*, **2020**, 131, 33-39	3	8
100	Diagnostic and therapeutic value of implantable loop recorder: A tertiary care center experience. *PACE - Pacing and Clinical Electrophysiology*, **2019**, 42, 38-45	1.6	8
99	Shared decision-making in atrial fibrillation: navigating complex issues in partnership with the patient. *Journal of Interventional Cardiac Electrophysiology*, **2019**, 56, 159-163	2.4	8
98	The Wide Complex Tachycardia Formula: Derivation and validation data. *Data in Brief*, **2019**, 24, 103924	1.2	7
97	Artificial Intelligence ECG to Detect Left Ventricular Dysfunction in COVID-19: A Case Series. *Mayo Clinic Proceedings*, **2020**, 95, 2464-2466	6.4	7
96	Relation of Frailty to Outcomes After Catheter Ablation of Atrial Fibrillation. *American Journal of Cardiology*, **2020**, 125, 1317-1323	3	7
95	Long-term stroke and bleeding risk in patients with atrial fibrillation treated with oral anticoagulants in contemporary practice: Providing evidence for shared decision-making. *International Journal of Cardiology*, **2017**, 245, 174-177	3.2	7
94	External validation of a deep learning electrocardiogram algorithm to detect ventricular dysfunction. *International Journal of Cardiology*, **2021**, 329, 130-135	3.2	7
93	Left ventricular systolic dysfunction identification using artificial intelligence-augmented electrocardiogram in cardiac intensive care unit patients. *International Journal of Cardiology*, **2021**, 326, 114-123	3.2	7
92	World Heart Federation Roadmap on Atrial Fibrillation - A 2020 Update. *Global Heart*, **2021**, 16, 41	2.9	7
91	Vascular Aging Detected by Peripheral Endothelial Dysfunction Is Associated With ECG-Derived Physiological Aging. *Journal of the American Heart Association*, **2021**, 10, e018656	6	7
90	Anticoagulation for Stroke Prevention in Older Adults with Atrial Fibrillation and Comorbidity: Current Evidence and Treatment Challenges. *Korean Circulation Journal*, **2018**, 48, 873-889	2.2	7
89	Periprocedural Anticoagulation Management for Atrial Fibrillation Ablation: Current Knowledge and Future Directions. *Current Treatment Options in Cardiovascular Medicine*, **2018**, 20, 3	2.1	6

88	Pacemaker implantation after catheter ablation for atrial fibrillation. *Journal of Interventional Cardiac Electrophysiology*, **2016**, 45, 99-105	2.4	6
87	Stroke Prophylaxis in Patients with Atrial Fibrillation and End-Stage Renal Disease. *Journal of Clinical Medicine*, **2020**, 9,	5.1	6
86	Clinical trial design data for electrocardiogram artificial intelligence-guided screening for low ejection fraction (EAGLE). *Data in Brief*, **2020**, 28, 104894	1.2	6
85	Automated T-wave analysis can differentiate acquired QT prolongation from congenital long QT syndrome. *Annals of Noninvasive Electrocardiology*, **2017**, 22,	1.5	5
84	The WCT Formula II: An effective means to automatically differentiate wide complex tachycardias. *Journal of Electrocardiology*, **2020**, 61, 121-129	1.4	5
83	Feasibility of Performing Radiofrequency Catheter Ablation and Endomyocardial Biopsy in the Same Setting. *American Journal of Cardiology*, **2018**, 121, 1373-1379	3	5
82	Electrocardiographic predictors of coronary microvascular dysfunction in patients with non-obstructive coronary artery disease: Utility of a novel T wave analysis program. *International Journal of Cardiology*, **2016**, 203, 601-6	3.2	5
81	Stellate ganglion block and cardiac sympathetic denervation in patients with inappropriate sinus tachycardia. *Journal of Cardiovascular Electrophysiology*, **2019**, 30, 2920-2928	2.7	5
80	Percutaneous ablation and retrieval of a right atrial myxoma. *Heart Lung and Circulation*, **2014**, 23, e244-7	1.8	5
79	An artificial intelligence-enabled ECG algorithm for comprehensive ECG interpretation: Can it pass the Turing test?. *Cardiovascular Digital Health Journal*, **2021**, 2, 164-170	2	5
78	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	6	5
77	Generalizability of the FOURIER trial to routine clinical care: Do trial participants represent patients in everyday practice?. *American Heart Journal*, **2019**, 209, 54-62	4.9	5
76	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	4.9	5
75	Artificial Intelligence-Enabled ECG: a Modern Lens on an Old Technology. *Current Cardiology Reports*, **2020**, 22, 57	4.2	4
74	QRS complex maximum deflection index in aortic cusp premature ventricular complexes. *IJC Heart and Vasculature*, **2015**, 7, 6-8	2.4	4
73	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,	6.4	4
72	Real-world Cardiovascular Outcomes Associated With Degarelix vs Leuprolide for Prostate Cancer Treatment. *JAMA Network Open*, **2021**, 4, e2130587	10.4	4
71	Digital health innovation in cardiology. *Cardiovascular Digital Health Journal*, **2020**, 1, 6-8	2	4

70	Comparative Effectiveness and Safety of Oral Anticoagulants Across Kidney Function in Patients With Atrial Fibrillation. *Circulation: Cardiovascular Quality and Outcomes*, **2020**, 13, e006515	5.8	4
69	Screening and management of atrial fibrillation in primary care. *BMJ, The*, **2021**, 373, n379	5.9	4
68	Shared Decision Making Tools for People Facing Stroke Prevention Strategies in Atrial Fibrillation: A Systematic Review and Environmental Scan. *Medical Decision Making*, **2021**, 41, 540-549	2.5	4
67	The 12-lead electrocardiogram as a biomarker of biological age. *European Heart Journal Digital Health*, **2021**, 2, 379-389	2.3	4
66	Comparative Effectiveness of Machine Learning Approaches for Predicting Gastrointestinal Bleeds in Patients Receiving Antithrombotic Treatment. *JAMA Network Open*, **2021**, 4, e2110703	10.4	4
65	Potentially modifiable factors of dofetilide-associated risk of torsades de pointes among hospitalized patients with atrial fibrillation. *Journal of Interventional Cardiac Electrophysiology*, **2019**, 54, 189-196	2.4	4
64	Artificial Intelligence-Enabled ECG to Identify Silent Atrial Fibrillation in Embolic Stroke of Unknown Source. *Journal of Stroke and Cerebrovascular Diseases*, **2021**, 30, 105998	2.8	4
63	Prediction and Management of Recurrences after Catheter Ablation in Atrial Fibrillation and Heart Failure. *Cardiology Clinics*, **2019**, 37, 221-230	2.5	3
62	Can Shared Decision Making Improve Stroke Prevention in Atrial Fibrillation?: Implications of the Updated Guidelines. *Circulation: Cardiovascular Quality and Outcomes*, **2020**, 13, e006080	5.8	3
61	Do Observational Studies Agree With Randomized Trials?: Evaluation of Oral Anticoagulants in Atrial Fibrillation. *Journal of the American College of Cardiology*, **2020**, 75, 562-563	15.1	3
60	Risk of cardiovascular events and incident atrial fibrillation in patients without prior atrial fibrillation: Implications for expanding the indications for anticoagulation. *American Heart Journal*, **2018**, 199, 137-143	4.9	3
59	To teach an old dog new tricks: The limits of CHADS-VASc in patients with atrial fibrillation and cancer. *European Journal of Preventive Cardiology*, **2018**, 25, 994-995	3.9	3
58	Frequency of in-hospital adverse outcomes and cost utilization associated with cardiac resynchronization therapy defibrillator implantation in the United States. *Journal of Cardiovascular Electrophysiology*, **2018**, 29, 1425-1435	2.7	3
57	Baseline characteristics and event rates among anticoagulated patients with atrial fibrillation in practice and pivotal NOAC trials. *Data in Brief*, **2017**, 14, 563-565	1.2	3
56	Reply: NOAC Dosing in Patients With Atrial Fibrillation and Renal Dysfunction. *Journal of the American College of Cardiology*, **2017**, 70, 2734-2735	15.1	3
55	Etripamil nasal spray: an investigational agent for the rapid termination of paroxysmal supraventricular tachycardia (SVT). *Expert Opinion on Investigational Drugs*, **2020**, 29, 1-4	5.9	3
54	Using ensemble of ensemble machine learning methods to predict outcomes of cardiac resynchronization. *Journal of Cardiovascular Electrophysiology*, **2021**, 32, 2504-2514	2.7	3
53	Utilization and procedural adverse outcomes associated with Watchman device implantation. *Europace*, **2021**, 23, 247-253	3.9	3

52	Feasibility of capturing real-world data from health information technology systems at multiple centers to assess cardiac ablation device outcomes: A fit-for-purpose informatics analysis report. *Journal of the American Medical Informatics Association: JAMIA*, **2021**, 28, 2241-2250	8.6	3
51	Detection of hypertrophic cardiomyopathy by an artificial intelligence electrocardiogram in children and adolescents. *International Journal of Cardiology*, **2021**, 340, 42-47	3.2	3
50	The ventricular tachycardia prediction model: Derivation and validation data. *Data in Brief*, **2020**, 30, 105515	1.1	2
49	Subclinical Atrial Fibrillation: A Silent Threat with Uncertain Implications. *Annual Review of Medicine*, **2021**,	17.4	2
48	An AI-ECG algorithm for atrial fibrillation risk: steps towards clinical implementation - AuthorsT reply. *Lancet, The*, **2020**, 396, 236-237	40	2
47	Conceptual and literature basis for wide complex tachycardia and baseline ECG comparison. *Journal of Electrocardiology*, **2021**, 65, 50-54	1.4	2
46	Cost Effectiveness of an Electrocardiographic Deep Learning Algorithm to Detect Asymptomatic Left Ventricular Dysfunction. *Mayo Clinic Proceedings*, **2021**, 96, 1835-1844	6.4	2
45	Differentiating wide complex tachycardias: A historical perspective. *Indian Heart Journal*, **2021**, 73, 7-13	1.6	2
44	Conversion of left atrial volume to diameter for automated estimation of sudden cardiac death risk in hypertrophic cardiomyopathy. *Echocardiography*, **2021**, 38, 183-188	1.5	2
43	Rapid Exclusion of COVID Infection With the Artificial Intelligence Electrocardiogram. *Mayo Clinic Proceedings*, **2021**, 96, 2081-2094	6.4	2
42	Detecting cardiomyopathies in pregnancy and the postpartum period with an electrocardiogram-based deep learning model.. *European Heart Journal Digital Health*, **2021**, 2, 586-596	2.3	2
41	Cardiovascular Disease Screening in Women: Leveraging Artificial Intelligence and Digital Tools.. *Circulation Research*, **2022**, 130, 673-690	15.7	2
40	Identification of Incident Atrial Fibrillation From Electronic Medical Records.. *Journal of the American Heart Association*, **2022**, e023237	6	2
39	Artificial intelligence opportunities in cardio-oncology: Overview with spotlight on electrocardiography. *American Heart Journal Plus*, **2022**, 100129		2
38	Incessant tachycardia in a patient with advanced heart failure and left ventricular assist device: What is the mechanism?. *Indian Pacing and Electrophysiology Journal*, **2016**, 16, 34-9	1.5	1
37	Effect of Shared Decision-Making for Stroke Prevention on Treatment Adherence and Safety Outcomes in Patients With Atrial Fibrillation: A Randomized Clinical Trial.. *Journal of the American Heart Association*, **2022**, e023048	6	1
36	Electrocardiography-Based Artificial Intelligence Algorithm Aids in Prediction of Long-term Mortality After Cardiac Surgery. *Mayo Clinic Proceedings*, **2021**, 96, 3062-3070	6.4	1
35	Ventricular Arrhythmias Among Patients With Advanced Heart Failure: A Population-Based Study.. *Journal of the American Heart Association*, **2021**, e023377	6	1

34	Cerebral Microbleeds: Relationship to Antithrombotic Medications. *Stroke*, **2021**, 52, 2347-2355	6.7	1
33	Burden of arrhythmia in hospitalized HIV patients. *Clinical Cardiology*, **2021**, 44, 66-77	3.3	1
32	Left Atrial Appendage Occlusion and Surgical Ablation for Atrial Fibrillation During Cardiac Surgery-Reply. *JAMA - Journal of the American Medical Association*, **2018**, 320, 1602-1603	27.4	1
31	Clinical Significance of Early Repolarization in Long QT Syndrome. *JACC: Clinical Electrophysiology*, **2018**, 4, 1238-1244	4.6	1
30	Automatic wide complex tachycardia differentiation using mathematically synthesized vectorcardiogram signals. *Annals of Noninvasive Electrocardiology*, **2021**, e12890	1.5	1
29	Use of Artificial Intelligence Tools Across Different Clinical Settings: A Cautionary Tale. *Circulation: Cardiovascular Quality and Outcomes*, **2021**, 14, e008153	5.8	1
28	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	3.2	1
27	Artificial Intelligence-Augmented Electrocardiogram Detection of Left Ventricular Systolic Dysfunction in the General Population. *Mayo Clinic Proceedings*, **2021**, 96, 2576-2586	6.4	1
26	Development of the AI-Cirrhosis-ECG (ACE) Score: An electrocardiogram-based deep learning model in cirrhosis.. *American Journal of Gastroenterology*, **2021**, 117,	0.7	1
25	Shared Decision-Making in Cardiac Electrophysiology Procedures and Arrhythmia Management. *Circulation: Arrhythmia and Electrophysiology*, **2021**, CIRCEP121007958	6.4	1
24	Feasibility of using real-world data in the evaluation of cardiac ablation catheters: a test-case of the National Evaluation System for Health Technology Coordinating Center.. *BMJ Surgery, Interventions, and Health Technologies*, **2021**, 3, e000089	1.2	1
23	Year in Review in Cardiac Electrophysiology. *Circulation: Arrhythmia and Electrophysiology*, **2020**, 13, e008733	6.4	0
22	Detection of Left Atrial Myopathy Using Artificial Intelligence-Enabled Electrocardiography.. *Circulation: Heart Failure*, **2021**, CIRCHEARTFAILURE120008176	7.6	0
21	Establishing an interdisciplinary research team for cardio-oncology artificial intelligence informatics precision and health equity.. *American Heart Journal Plus*, **2022**, 13, 100094-100094		0
20	Mortality risk stratification using artificial intelligence-augmented electrocardiogram in cardiac intensive care unit patients. *European Heart Journal: Acute Cardiovascular Care*, **2021**, 10, 532-541	4.3	0
19	Diagnosis-to-ablation time predicts recurrent atrial fibrillation and rehospitalization following catheter ablation.. *Heart Rhythm O2*, **2022**, 3, 23-31	1.5	0
18	Catheter-related complications and mortality of atrial fibrillation ablation following introduction of contact force-sensing technology.. *BMJ Surgery, Interventions, and Health Technologies*, **2020**, 2, e000058	1.2	0
17	Impact of ECG Characteristics on the Performance of an Artificial Intelligence Enabled ECG for Predicting Left Ventricular Dysfunction. *Circulation: Arrhythmia and Electrophysiology*, **2021**, 14, e009871	6.4	0

16	Coronary Microvascular Dysfunction and the Risk of Atrial Fibrillation From an Artificial Intelligence-Enabled Electrocardiogram. *Circulation: Arrhythmia and Electrophysiology*, **2021**, 14, e009947	6.4	0
15	Assessment of Disease Status and Treatment Response With Artificial Intelligence-Enhanced Electrocardiography in Obstructive Hypertrophic Cardiomyopathy.. *Journal of the American College of Cardiology*, **2022**, 79, 1032-1034	15.1	0
14	Randomized Evaluation of Decision Support Interventions for Atrial Fibrillation: Rationale and Design of the RED-AF study.. *American Heart Journal*, **2022**, 248, 42-42	4.9	0
13	Drug Interactions Affecting Antiarrhythmic Drug Use.. *Circulation: Arrhythmia and Electrophysiology*, **2022**, 101161CIRCEP121007955	6.4	0
12	Artificial Intelligence-Enabled Electrocardiogram for Atrial Fibrillation Identifies Cognitive Decline Risk and Cerebral Infarcts.. *Mayo Clinic Proceedings*, **2022**, 97, 871-880	6.4	0
11	Deep Neural Network for Cardiac Magnetic Resonance Image Segmentation. *Journal of Imaging*, **2022**, 8, 149	3.1	0
10	Response by Siontis et al to Letter Regarding Article, "Outcomes Associated With Apixaban Use in Patients With End-Stage Kidney Disease and Atrial Fibrillation in the United States". *Circulation*, **2019**, 139, 1563-1564	16.7	
9	85-Year-Old Man With Chest Pain. *Mayo Clinic Proceedings*, **2020**, 95, e1-e6	6.4	
8	Cardiac resynchronization therapy in low-flow low-gradient aortic stenosis. *European Heart Journal Cardiovascular Imaging*, **2016**, 17, 145	4.1	
7	Cardioversion on reduced-dose direct oral anticoagulants: Are we confident?. *Heart Rhythm*, **2019**, 16, 1894-1895	6.7	
6	Response by Vaidya et al to Letter Regarding Article, "Burden of Arrhythmia in Pregnancy". *Circulation*, **2017**, 136, 244-245	16.7	
5	Use of Artificial Intelligence Electrocardiography to Predict Atrial Fibrillation (AF) in Patients with Chronic Lymphocytic Leukemia (CLL). *Blood*, **2020**, 136, 50-51	2.2	
4	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	2	
3	Response to Underpowered Observational Studies Create Confusion Regarding Clinical Impact of Surgical Interventions. *Clinical Cardiology*, **2019**, 42, 417	3.3	
2	On-treatment follow-up in real-world studies of direct oral anticoagulants in atrial fibrillation: Association with treatment effects. *IJC Heart and Vasculature*, **2022**, 101024	2.4	
1	Evaluating atrial fibrillation artificial intelligence for the emergency department, statistical and clinical implications.. *American Journal of Emergency Medicine*, **2022**, 57, 98-102	2.9	