

# David D Mcmanus

## List of Publications by Citations

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

215  
papers

6,675  
citations

41  
h-index

77  
g-index

247  
ext. papers

9,193  
ext. citations

5.1  
avg, IF

5.86  
L-index

#	Paper	IF	Citations
215	50 year trends in atrial fibrillation prevalence, incidence, risk factors, and mortality in the Framingham Heart Study: a cohort study. <i>Lancet, The</i> , <b>2015</b> , 386, 154-62	40	714
214	Simple risk model predicts incidence of atrial fibrillation in a racially and geographically diverse population: the CHARGE-AF consortium. <i>Journal of the American Heart Association</i> , <b>2013</b> , 2, e000102	6	425
213	Recent trends in the incidence, treatment, and outcomes of patients with STEMI and NSTEMI. <i>American Journal of Medicine</i> , <b>2011</b> , 124, 40-7	2.4	418
212	Atrial Fibrillation Begets Heart Failure and Vice Versa: Temporal Associations and Differences in Preserved Versus Reduced Ejection Fraction. <i>Circulation</i> , <b>2016</b> , 133, 484-92	16.7	337
211	Sequencing of 53,831 diverse genomes from the NHLBI TOPMed Program. <i>Nature</i> , <b>2021</b> , 590, 290-299	50.4	268
210	A novel application for the detection of an irregular pulse using an iPhone 4S in patients with atrial fibrillation. <i>Heart Rhythm</i> , <b>2013</b> , 10, 315-9	6.7	172
209	Atrial fibrillation detection using an iPhone 4S. <i>IEEE Transactions on Biomedical Engineering</i> , <b>2013</b> , 60, 203-6	5	172
208	Genetic Predisposition, Clinical Risk Factor Burden, and Lifetime Risk of Atrial Fibrillation. <i>Circulation</i> , <b>2018</b> , 137, 1027-1038	16.7	133
207	B-type natriuretic peptide and C-reactive protein in the prediction of atrial fibrillation risk: the CHARGE-AF Consortium of community-based cohort studies. <i>Europace</i> , <b>2014</b> , 16, 1426-33	3.9	112
206	Lifetime risk of atrial fibrillation according to optimal, borderline, or elevated levels of risk factors: cohort study based on longitudinal data from the Framingham Heart Study. <i>BMJ, The</i> , <b>2018</b> , 361, k1453	5.9	110
205	Long-term outcomes of secondary atrial fibrillation in the community: the Framingham Heart Study. <i>Circulation</i> , <b>2015</b> , 131, 1648-55	16.7	105
204	Novel genetic markers associate with atrial fibrillation risk in Europeans and Japanese. <i>Journal of the American College of Cardiology</i> , <b>2014</b> , 63, 1200-1210	15.1	102
203	MicroRNAs in platelet function and cardiovascular disease. <i>Nature Reviews Cardiology</i> , <b>2015</b> , 12, 711-7	14.8	97
202	Decade-Long Trends (2001-2011) in the Incidence and Hospital Death Rates Associated with the In-Hospital Development of Cardiogenic Shock after Acute Myocardial Infarction. <i>Circulation: Cardiovascular Quality and Outcomes</i> , <b>2016</b> , 9, 117-25	5.8	90
201	PULSE-SMART: Pulse-Based Arrhythmia Discrimination Using a Novel Smartphone Application. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2016</b> , 27, 51-7	2.7	87
200	Galectin 3 and incident atrial fibrillation in the community. <i>American Heart Journal</i> , <b>2014</b> , 167, 729-34.e14	4.9	83
199	Plasma microRNAs are associated with atrial fibrillation and change after catheter ablation (the miRhythm study). <i>Heart Rhythm</i> , <b>2015</b> , 12, 3-10	6.7	78

198	FRAMINGHAM HEART STUDY NOVEL EXAMINATION USING TECHNOLOGY IN COMMUNITY-DWELLING ADULTS. <i>Innovation in Aging</i> , <b>2019</b> , 3, S371-S371	0.1	78
197	RACE, BIOLOGICAL AGE, AND COGNITION: THE SYSTEMATIC ASSESSMENT OF GERIATRIC ELEMENTS IN ATRIAL FIBRILLATION STUDY. <i>Innovation in Aging</i> , <b>2019</b> , 3, S322-S322	0.1	78
196	Relations between circulating microRNAs and atrial fibrillation: data from the Framingham Offspring Study. <i>Heart Rhythm</i> , <b>2014</b> , 11, 663-9	6.7	71
195	Blood lipids and the incidence of atrial fibrillation: the Multi-Ethnic Study of Atherosclerosis and the Framingham Heart Study. <i>Journal of the American Heart Association</i> , <b>2014</b> , 3, e001211	6	71
194	Time-varying coherence function for atrial fibrillation detection. <i>IEEE Transactions on Biomedical Engineering</i> , <b>2013</b> , 60, 2783-93	5	68
193	30-year trends in heart failure in patients hospitalized with acute myocardial infarction. <i>American Journal of Cardiology</i> , <b>2011</b> , 107, 353-9	3	68
192	Relation between soluble ST2, growth differentiation factor-15, and high-sensitivity troponin I and incident atrial fibrillation. <i>American Heart Journal</i> , <b>2014</b> , 167, 109-115.e2	4.9	63
191	Multiple cardiovascular comorbidities and acute myocardial infarction: temporal trends (1990-2007) and impact on death rates at 30 days and 1 year. <i>Clinical Epidemiology</i> , <b>2012</b> , 4, 115-23	5.9	57
190	Improved survival after heart failure: a community-based perspective. <i>Journal of the American Heart Association</i> , <b>2013</b> , 2, e000053	6	57
189	Relation of kidney function and albuminuria with atrial fibrillation (from the Heart and Soul Study). <i>American Journal of Cardiology</i> , <b>2009</b> , 104, 1551-5	3	57
188	Estimated stroke risk, yield, and number needed to screen for atrial fibrillation detected through single time screening: a multicountry patient-level meta-analysis of 141,220 screened individuals. <i>PLoS Medicine</i> , <b>2019</b> , 16, e1002903	11.6	56
187	Relations of Arterial Stiffness and Brachial Flow-Mediated Dilation With New-Onset Atrial Fibrillation: The Framingham Heart Study. <i>Hypertension</i> , <b>2016</b> , 68, 590-6	8.5	52
186	Alcohol Consumption, Left Atrial Diameter, and Atrial Fibrillation. <i>Journal of the American Heart Association</i> , <b>2016</b> , 5,	6	52
185	Photoplethysmograph signal reconstruction based on a novel hybrid motion artifact detection-reduction approach. Part I: Motion and noise artifact detection. <i>Annals of Biomedical Engineering</i> , <b>2014</b> , 42, 2238-50	4.7	49
184	Relationship among circulating inflammatory proteins, platelet gene expression, and cardiovascular risk. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2013</b> , 33, 2666-73	9.4	49
183	Circulating Cell and Plasma microRNA Profiles Differ between Non-ST-Segment and ST-Segment-Elevation Myocardial Infarction. <i>Family Medicine &amp; Medical Science Research</i> , <b>2013</b> , 2, 108		48
182	Atrial flutter: Clinical risk factors and adverse outcomes in the Framingham Heart Study. <i>Heart Rhythm</i> , <b>2016</b> , 13, 233-40	6.7	46
181	Efficacy and safety of direct oral anticoagulants approved for cardiovascular indications: Systematic review and meta-analysis. <i>PLoS ONE</i> , <b>2018</b> , 13, e0197583	3.7	44

180	Atrial fibrillation, cognition and dementia: A review. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2017</b> , 28, 958-965	2.7	43
179	A comparison of the CHARGE-AF and the CHA2DS2-VASc risk scores for prediction of atrial fibrillation in the Framingham Heart Study. <i>American Heart Journal</i> , <b>2016</b> , 178, 45-54	4.9	42
178	Gene expression and genetic variation in human atria. <i>Heart Rhythm</i> , <b>2014</b> , 11, 266-71	6.7	42
177	Trends in atrial fibrillation in patients hospitalized with an acute coronary syndrome. <i>American Journal of Medicine</i> , <b>2012</b> , 125, 1076-84	2.4	42
176	Atrial Fibrillation Detection Using a Novel Cardiac Ambulatory Monitor Based on Photo-Plethysmography at the Wrist. <i>Journal of the American Heart Association</i> , <b>2018</b> , 7, e009351	6	42
175	Atrial Fibrillation and Hypertension: Mechanistic, Epidemiologic, and Treatment Parallels. <i>Methodist DeBakey Cardiovascular Journal</i> , <b>2015</b> , 11, 228-34	2.1	41
174	Thirty-year (1975 to 2005) trends in the incidence rates, clinical features, treatment practices, and short-term outcomes of patients. <i>American Journal of Cardiology</i> , <b>2011</b> , 108, 477-82	3	41
173	Atrial Fibrillation Detection from Wrist Photoplethysmography Signals Using Smartwatches. <i>Scientific Reports</i> , <b>2019</b> , 9, 15054	4.9	40
172	Atrial fibrillation and cognitive decline in the Framingham Heart Study. <i>Heart Rhythm</i> , <b>2018</b> , 15, 166-172	6.7	40
171	Arrhythmia discrimination using a smart phone. <i>IEEE Journal of Biomedical and Health Informatics</i> , <b>2015</b> , 19, 815-24	7.2	38
170	Longitudinal Assessment of Diagnostic Test Performance Over the Course of Acute SARS-CoV-2 Infection. <i>Journal of Infectious Diseases</i> , <b>2021</b> , 224, 976-982	7	38
169	Atrial Fibrillation Is Associated With a Worse 90-Day Outcome Than Other Cardioembolic Stroke Subtypes. <i>Stroke</i> , <b>2016</b> , 47, 1486-92	6.7	38
168	Relation of Atrial Fibrillation in Acute Myocardial Infarction to In-Hospital Complications and Early Hospital Readmission. <i>American Journal of Cardiology</i> , <b>2016</b> , 117, 1213-8	3	36
167	Geriatric Elements and Oral Anticoagulant Prescribing in Older Atrial Fibrillation Patients: SAGE-AF. <i>Journal of the American Geriatrics Society</i> , <b>2020</b> , 68, 147-154	5.6	36
166	Association of Left Atrial Function Index with Atrial Fibrillation and Cardiovascular Disease: The Framingham Offspring Study. <i>Journal of the American Heart Association</i> , <b>2018</b> , 7,	6	35
165	Performance of the GRACE Risk Score 2.0 Simplified Algorithm for Predicting 1-Year Death After Hospitalization for an Acute Coronary Syndrome in a Contemporary Multiracial Cohort. <i>American Journal of Cardiology</i> , <b>2016</b> , 118, 1105-1110	3	34
164	Practice Patterns and Outcomes Associated With Use of Anticoagulation Among Patients With Atrial Fibrillation During Sepsis. <i>JAMA Cardiology</i> , <b>2016</b> , 1, 682-90	16.2	34
163	Methylome-wide Association Study of Atrial Fibrillation in Framingham Heart Study. <i>Scientific Reports</i> , <b>2017</b> , 7, 40377	4.9	33

162	Stroke as the Initial Manifestation of Atrial Fibrillation: The Framingham Heart Study. <i>Stroke</i> , <b>2017</b> , 48, 490-492	6.7	32
161	Atrial fibrillation is associated with anterior predominant white matter lesions in patients presenting with embolic stroke. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2018</b> , 89, 6-13	5.5	32
160	Recent trends in the incidence, treatment, and prognosis of patients with heart failure and atrial fibrillation (the Worcester Heart Failure Study). <i>American Journal of Cardiology</i> , <b>2013</b> , 111, 1460-5	3	30
159	An Accurate QRS complex and P wave Detection in ECG Signals using Complete Ensemble Empirical Mode Decomposition Approach. <i>IEEE Access</i> , <b>2019</b> , 7, 128869-128880	3.5	29
158	Photoplethysmograph signal reconstruction based on a novel motion artifact detection-reduction approach. Part II: Motion and noise artifact removal. <i>Annals of Biomedical Engineering</i> , <b>2014</b> , 42, 2251-63	4.7	28
157	Transitions, Risks, and Actions in Coronary Events--Center for Outcomes Research and Education (TRACE-CORE): design and rationale. <i>Circulation: Cardiovascular Quality and Outcomes</i> , <b>2012</b> , 5, e44-50	5.8	28
156	Trajectories of Risk Factors and Risk of New-Onset Atrial Fibrillation in the Framingham Heart Study. <i>Hypertension</i> , <b>2016</b> , 68, 597-605	8.5	28
155	Reliability of Predicting Early Hospital Readmission After Discharge for an Acute Coronary Syndrome Using Claims-Based Data. <i>American Journal of Cardiology</i> , <b>2016</b> , 117, 501-507	3	27
154	Atrial fibrillation without comorbidities: Prevalence, incidence and prognosis (from the Framingham Heart Study). <i>American Heart Journal</i> , <b>2016</b> , 177, 138-44	4.9	27
153	Ten-Year (2001-2011) Trends in the Incidence Rates and Short-Term Outcomes of Early Versus Late Onset Cardiogenic Shock After Hospitalization for Acute Myocardial Infarction. <i>Journal of the American Heart Association</i> , <b>2017</b> , 6,	6	26
152	Long-term survival for patients with acute decompensated heart failure according to ejection fraction findings. <i>American Journal of Cardiology</i> , <b>2014</b> , 114, 862-8	3	25
151	Messenger RNA and MicroRNA transcriptomic signatures of cardiometabolic risk factors. <i>BMC Genomics</i> , <b>2017</b> , 18, 139	4.5	25
150	Development and Validation of a Prediction Model for Atrial Fibrillation Using Electronic Health Records. <i>JACC: Clinical Electrophysiology</i> , <b>2019</b> , 5, 1331-1341	4.6	24
149	Age-and-sex stratified prevalence of atrial fibrillation in rural Western India: Results of SMART-India, a population-based screening study. <i>International Journal of Cardiology</i> , <b>2019</b> , 280, 84-88	3.2	24
148	Relations of Liver Fat With Prevalent and Incident Atrial Fibrillation in the Framingham Heart Study. <i>Journal of the American Heart Association</i> , <b>2017</b> , 6,	6	23
147	VERB: VFCDM-Based Electrocardiogram Reconstruction and Beat Detection Algorithm. <i>IEEE Access</i> , <b>2019</b> , 7, 13856-13866	3.5	23
146	Underuse of Effective Cardiac Medications Among Women, Middle-Aged Adults, and Racial/Ethnic Minorities With Coronary Artery Disease (from the National Health and Nutrition Examination Survey 2005 to 2014). <i>American Journal of Cardiology</i> , <b>2017</b> , 120, 1223-1229	3	22
145	Decade Long Trends (2001-2011) in Duration of Pre-Hospital Delay Among Elderly Patients Hospitalized for an Acute Myocardial Infarction. <i>Journal of the American Heart Association</i> , <b>2016</b> , 5, e002664	6	22

144	Research Priorities in Atrial Fibrillation Screening: A Report From a National Heart, Lung, and Blood Institute Virtual Workshop. <i>Circulation</i> , <b>2021</b> , 143, 372-388	16.7	22
143	Characteristics of contemporary patients discharged from the hospital after an acute coronary syndrome. <i>American Journal of Medicine</i> , <b>2015</b> , 128, 1087-93	2.4	21
142	Accuracy and Usability of a Novel Algorithm for Detection of Irregular Pulse Using a Smartwatch Among Older Adults: Observational Study. <i>JMIR Cardio</i> , <b>2019</b> , 3, e13850	3.1	21
141	Thirty-day Hospital Readmissions in Patients with Non-ST-segment Elevation Acute Myocardial Infarction. <i>American Journal of Medicine</i> , <b>2015</b> , 128, 760-5	2.4	20
140	Detection of Bleeding Events in Electronic Health Record Notes Using Convolutional Neural Network Models Enhanced With Recurrent Neural Network Autoencoders: Deep Learning Approach. <i>JMIR Medical Informatics</i> , <b>2019</b> , 7, e10788	3.6	20
139	Emerging Technologies for Identifying Atrial Fibrillation. <i>Circulation Research</i> , <b>2020</b> , 127, 128-142	15.7	18
138	Initial Precipitants and Recurrence of Atrial Fibrillation. <i>Circulation: Arrhythmia and Electrophysiology</i> , <b>2020</b> , 13, e007716	6.4	18
137	Noise Detection in Electrocardiogram Signals for Intensive Care Unit Patients. <i>IEEE Access</i> , <b>2019</b> , 7, 88357-88368	3.5	18
136	Targeted sequencing in candidate genes for atrial fibrillation: the Cohorts for Heart and Aging Research in Genomic Epidemiology (CHARGE) Targeted Sequencing Study. <i>Heart Rhythm</i> , <b>2014</b> , 11, 452-7	6.7	18
135	Whole blood gene expression and atrial fibrillation: the Framingham Heart Study. <i>PLoS ONE</i> , <b>2014</b> , 9, e96794	3.7	18
134	Metabolomic Profiling in Relation to New-Onset Atrial Fibrillation (from the Framingham Heart Study). <i>American Journal of Cardiology</i> , <b>2016</b> , 118, 1493-1496	3	17
133	Multiple Chronic Conditions and Psychosocial Limitations in Patients Hospitalized with an Acute Coronary Syndrome. <i>American Journal of Medicine</i> , <b>2016</b> , 129, 608-14	2.4	16
132	High Burden of Unrecognized Atrial Fibrillation in Rural India: An Innovative Community-Based Cross-Sectional Screening Program. <i>JMIR Public Health and Surveillance</i> , <b>2016</b> , 2, e159	11.4	16
131	Decade-Long Trends (2001 to 2011) in the Use of Evidence-Based Medical Therapies at the Time of Hospital Discharge for Patients Surviving Acute Myocardial Infarction. <i>American Journal of Cardiology</i> , <b>2016</b> , 118, 1792-1797	3	16
130	<b>2018</b> ,		15
129	Design and Preliminary Findings From a New Electronic Cohort Embedded in the Framingham Heart Study. <i>Journal of Medical Internet Research</i> , <b>2019</b> , 21, e12143	7.6	15
128	A Novel Personalized Motion and Noise Artifact (MNA) Detection Method for Smartphone Photoplethysmograph (PPG) Signals. <i>IEEE Access</i> , <b>2018</b> , 6, 60498-60512	3.5	15
127	Mitoxantrone-Induced Cardiotoxicity in Acute Myeloid Leukemia-A Velocity Vector Imaging Analysis. <i>Echocardiography</i> , <b>2016</b> , 33, 1166-77	1.5	14



126	Outcomes Among Older Patients Receiving Implantable Cardioverter-Defibrillators for Secondary Prevention: From the NCDR ICD Registry. <i>Journal of the American College of Cardiology</i> , <b>2017</b> , 69, 265-274	15.1	13
125	Design and rationale of a pragmatic trial integrating routine screening for atrial fibrillation at primary care visits: The VITAL-AF trial. <i>American Heart Journal</i> , <b>2019</b> , 215, 147-156	4.9	13
124	Detecting Heart Failure Decompensation by Measuring Transthoracic Bioimpedance in the Outpatient Setting: Rationale and Design of the SENTINEL-HF Study. <i>JMIR Research Protocols</i> , <b>2015</b> , 4, e121	2	13
123	Wearing Your Heart on Your Sleeve: the Future of Cardiac Rhythm Monitoring. <i>Current Cardiology Reports</i> , <b>2019</b> , 21, 158	4.2	13
122	Relation of Orthostatic Hypotension With New-Onset Atrial Fibrillation (From the Framingham Heart Study). <i>American Journal of Cardiology</i> , <b>2018</b> , 121, 596-601	3	13
121	SUPPORT-AF: Piloting a Multi-Faceted, Electronic Medical Record-Based Intervention to Improve Prescription of Anticoagulation. <i>Journal of the American Heart Association</i> , <b>2018</b> , 7, e009946	6	13
120	Micro-RNAs Are Related to Epicardial Adipose Tissue in Participants With Atrial Fibrillation: Data From the MiRhythm Study. <i>Frontiers in Cardiovascular Medicine</i> , <b>2019</b> , 6, 115	5.4	12
119	The complex relationship of race to outcomes in heart failure with preserved ejection fraction. <i>American Journal of Medicine</i> , <b>2015</b> , 128, 591-600	2.4	12
118	Atrial Fibrillation Detection During Sepsis: Study on MIMIC III ICU Data. <i>IEEE Journal of Biomedical and Health Informatics</i> , <b>2020</b> , 24, 3124-3135	7.2	12
117	Bioimpedance-Based Heart Failure Deterioration Prediction Using a Prototype Fluid Accumulation Vest-Mobile Phone Dyad: An Observational Study. <i>JMIR Cardio</i> , <b>2017</b> , 1, e1	3.1	12
116	Association of Lipid-Related Genetic Variants with the Incidence of Atrial Fibrillation: The AFGen Consortium. <i>PLoS ONE</i> , <b>2016</b> , 11, e0151932	3.7	12
115	Device Therapies Among Patients Receiving Primary Prevention Implantable Cardioverter-Defibrillators in the Cardiovascular Research Network. <i>Journal of the American Heart Association</i> , <b>2018</b> , 7,	6	11
114	Indexed Left Atrial Adipose Tissue Area Is Associated With Severity of Atrial Fibrillation and Atrial Fibrillation Recurrence Among Patients Undergoing Catheter Ablation. <i>Frontiers in Cardiovascular Medicine</i> , <b>2018</b> , 5, 76	5.4	11
113	Online health information seeking by adults hospitalized for acute coronary syndromes: Who looks for information, and who discusses it with healthcare providers?. <i>Patient Education and Counseling</i> , <b>2018</b> , 101, 1973-1981	3.1	11
112	Physical, cognitive, and psychosocial conditions in relation to anticoagulation satisfaction among elderly adults with atrial fibrillation: The SAGE-AF study. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2019</b> , 30, 2508-2515	2.7	11
111	30-year trends in patient characteristics, treatment practices, and long-term outcomes of adults aged 35 to 54 years hospitalized with acute myocardial infarction. <i>American Journal of Cardiology</i> , <b>2014</b> , 113, 1137-41	3	11
110	Incidence, prognosis, and factors associated with cardiac arrest in patients hospitalized with acute coronary syndromes (the Global Registry of Acute Coronary Events Registry). <i>Coronary Artery Disease</i> , <b>2012</b> , 23, 105-12	1.4	11
109	Survey of current perspectives on consumer-available digital health devices for detecting atrial fibrillation. <i>Cardiovascular Digital Health Journal</i> , <b>2020</b> , 1, 21-29	2	10

108	Motion and Noise Artifact-Resilient Atrial Fibrillation Detection using a Smartphone. <i>IEEE Journal on Emerging and Selected Topics in Circuits and Systems</i> , <b>2018</b> , 8, 230-239	5.2	10
107	Novel Method of Atrial Fibrillation Case Identification and Burden Estimation Using the MIMIC-III Electronic Health Data Set. <i>Journal of Intensive Care Medicine</i> , <b>2019</b> , 34, 851-857	3.3	10
106	Clinical and Echocardiographic Correlates of Left Atrial Function Index: The Framingham Offspring Study. <i>Journal of the American Society of Echocardiography</i> , <b>2017</b> , 30, 904-912.e2	5.8	10
105	Association Between Leukocyte Telomere Length and the Risk of Incident Atrial Fibrillation: The Framingham Heart Study. <i>Journal of the American Heart Association</i> , <b>2017</b> , 6,	6	10
104	Study protocol for smartphone monitoring for atrial fibrillation in real-time in India (SMART-India): a community-based screening and referral programme. <i>BMJ Open</i> , <b>2017</b> , 7, e017668	3	10
103	SUPPORT-AF II: Supporting Use of Anticoagulants Through Provider Profiling of Oral Anticoagulant Therapy for Atrial Fibrillation: A Cluster-Randomized Study of Electronic Profiling and Messaging Combined With Academic Detailing for Providers Making Decisions About Anticoagulation in Patients With Atrial Fibrillation. <i>Simulation, Healthcare Quality and Outcomes</i> , <b>2020</b> , 13, 005071	5.8	10
102	Association of Left Atrial Function Index With Late Atrial Fibrillation Recurrence after Catheter Ablation. <i>Journal of Cardiovascular Electrophysiology</i> , <b>2016</b> , 27, 1411-1419	2.7	10
101	Elevated serum glucose levels and survival after acute heart failure: a population-based perspective. <i>Diabetes and Vascular Disease Research</i> , <b>2015</b> , 12, 119-25	3.3	9
100	Smartwatch PPG Peak Detection Method for Sinus Rhythm and Cardiac Arrhythmia. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , <b>2019</b> , 2019, 4310-4313	0.9	9
99	Decade-long trends in the magnitude, treatment, and outcomes of patients aged 30 to 54 years hospitalized with ST-segment elevation and non-ST-segment elevation myocardial infarction. <i>American Journal of Cardiology</i> , <b>2014</b> , 113, 1606-10	3	9
98	The association of non-alcoholic fatty liver disease and cardiac structure and function-Framingham Heart Study. <i>Liver International</i> , <b>2020</b> , 40, 2445-2454	7.9	9
97	Accelerometer-derived physical activity and risk of atrial fibrillation. <i>European Heart Journal</i> , <b>2021</b> , 42, 2472-2483	9.5	9
96	Premature Atrial and Ventricular Contraction Detection using Photoplethysmographic Data from a Smartwatch. <i>Sensors</i> , <b>2020</b> , 20,	3.8	8
95	Intracranial hemorrhage with target specific oral anticoagulants in patients with atrial fibrillation: An updated meta-analysis of randomized controlled trials. <i>International Journal of Cardiology</i> , <b>2016</b> , 203, 1000-2	3.2	8
94	Are we "missing the big picture" in transitions of care? Perspectives of healthcare providers managing patients with unplanned hospitalization. <i>Applied Nursing Research</i> , <b>2018</b> , 44, 60-66	1.8	8
93	Rationale and design of a large population study to validate software for the assessment of atrial fibrillation from data acquired by a consumer tracker or smartwatch: The Fitbit heart study. <i>American Heart Journal</i> , <b>2021</b> , 238, 16-26	4.9	8
92	RAHI-SATHI Indo-U.S. Collaboration: The Evolution of a Trainee-Led Twinning Model in Global Health Into a Multidisciplinary Collaborative Program. <i>Global Health, Science and Practice</i> , <b>2017</b> , 5, 152-163	2.8	7
91	Geriatric Conditions Predict Discontinuation of Anticoagulation in Long-Term Care Residents With Atrial Fibrillation. <i>Journal of the American Geriatrics Society</i> , <b>2020</b> , 68, 717-724	5.6	7



90	Change in Cognitive Function in the Month After Hospitalization for Acute Coronary Syndromes: Findings From TRACE-CORE (Transition, Risks, and Actions in Coronary Events-Center for Outcomes Research and Education). <i>Circulation: Cardiovascular Quality and Outcomes</i> , <b>2017</b> , 10,	5.8	7
89	Association of Habitual Physical Activity With Cardiovascular Disease Risk. <i>Circulation Research</i> , <b>2020</b> , 127, 1253-1260	15.7	7
88	Left Ventricular Ejection Fraction and Clinically Defined Heart Failure to Predict 90-Day Functional Outcome After Ischemic Stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , <b>2019</b> , 28, 371-380	2.8	7
87	Barriers to Healthcare Access and Long-Term Survival After an Acute Coronary Syndrome. <i>Journal of General Internal Medicine</i> , <b>2018</b> , 33, 1543-1550	4	7
86	Barriers to Healthcare Access and to Improvements in Health-Related Quality of Life After an Acute Coronary Syndrome (From TRACE-CORE). <i>American Journal of Cardiology</i> , <b>2018</b> , 122, 1121-1127	3	6
85	New-Onset Atrial Fibrillation as a Sepsis-Defining Organ Failure. <i>Annals of the American Thoracic Society</i> , <b>2019</b> , 16, 1332-1334	4.7	6
84	Treatment Effectiveness in Heart Failure with Comorbidity: Lung Disease and Kidney Disease. <i>Journal of the American Geriatrics Society</i> , <b>2017</b> , 65, 2610-2618	5.6	6
83	Frailty, Cognitive Impairment, and Anticoagulation Among Older Adults with Nonvalvular Atrial Fibrillation. <i>Journal of the American Geriatrics Society</i> , <b>2020</b> , 68, 2778-2786	5.6	6
82	Asymmetric dimethylarginine, related arginine derivatives, and incident atrial fibrillation. <i>American Heart Journal</i> , <b>2016</b> , 176, 100-6	4.9	6
81	Comparative Safety and Effectiveness of Direct-Acting Oral Anticoagulants Versus Warfarin: a National Cohort Study of Nursing Home Residents. <i>Journal of General Internal Medicine</i> , <b>2020</b> , 35, 2329-2337	4	6
80	Evaluation of a Diabetes Remote Monitoring Program Facilitated by Connected Glucose Meters for Patients With Poorly Controlled Type 2 Diabetes: Randomized Crossover Trial. <i>JMIR Diabetes</i> , <b>2021</b> , 6, e25574	2.7	6
79	Race and place differences in patients hospitalized with an acute coronary syndrome: Is there double jeopardy? Findings from TRACE-CORE. <i>Preventive Medicine Reports</i> , <b>2017</b> , 6, 1-8	2.6	5
78	Point-of-care technologies in heart, lung, blood and sleep disorders from the Center for Advancing Point-of-Care Technologies. <i>Current Opinion in Biomedical Engineering</i> , <b>2019</b> , 11, 58-67	4.4	5
77	Comparison of On-Site Versus Remote Mobile Device Support in the Framingham Heart Study Using the Health eHeart Study for Digital Follow-up: Randomized Pilot Study Set Within an Observational Study Design. <i>JMIR MHealth and UHealth</i> , <b>2019</b> , 7, e13238	5.5	5
76	Geriatric Conditions and Prescription of Vitamin K Antagonists vs. Direct Oral Anticoagulants Among Older Patients With Atrial Fibrillation: SAGE-AF. <i>Frontiers in Cardiovascular Medicine</i> , <b>2019</b> , 6, 155	5.4	5
75	Automated Electronic Phenotyping of Cardioembolic Stroke. <i>Stroke</i> , <b>2021</b> , 52, 181-189	6.7	5
74	Magnitude and Characteristics of Patients Who Survived an Acute Myocardial Infarction. <i>Journal of the American Heart Association</i> , <b>2017</b> , 6,	6	4
73	Religious practices and changes in health-related quality of life after hospital discharge for an acute coronary syndrome. <i>Health and Quality of Life Outcomes</i> , <b>2019</b> , 17, 149	3	4

72	Magnitude, treatment, and impact of diabetes mellitus in patients hospitalized with non-ST segment elevation myocardial infarction: A community-based study. <i>Diabetes and Vascular Disease Research</i> , <b>2016</b> , 13, 13-20	3.3	4
71	Characteristics Associated With Facebook Use and Interest in Digital Disease Support Among Older Adults With Atrial Fibrillation: Cross-Sectional Analysis of Baseline Data From the Systematic Assessment of Geriatric Elements in Atrial Fibrillation (SAGE-AF) Cohort. <i>JMIR Cardio</i> , <b>2019</b> , 3, e15320	3.1	4
70	Screening for Atrial Fibrillation in Older Adults at Primary Care Visits: the VITAL-AF Randomized Controlled Trial.. <i>Circulation</i> , <b>2022</b> ,	16.7	4
69	Religious practices and long-term survival after hospital discharge for an acute coronary syndrome. <i>PLoS ONE</i> , <b>2019</b> , 14, e0223442	3.7	3
68	Increase in white blood cell count is associated with the development of atrial fibrillation after an acute coronary syndrome. <i>International Journal of Cardiology</i> , <b>2019</b> , 274, 138-143	3.2	3
67	Arrhythmia discrimination using a smart phone <b>2013</b> ,		3
66	A Real-Time PPG Peak Detection Method for Accurate Determination of Heart Rate during Sinus Rhythm and Cardiac Arrhythmia.. <i>Biosensors</i> , <b>2022</b> , 12,	5.9	3
65	Machine Learning Model Based on Transthoracic Bioimpedance and Heart Rate Variability for Lung Fluid Accumulation Detection: Prospective Clinical Study. <i>JMIR Medical Informatics</i> , <b>2020</b> , 8, e18715	3.6	3
64	Impact of comorbid conditions on disease-specific quality of life in older men and women with atrial fibrillation. <i>Quality of Life Research</i> , <b>2020</b> , 29, 3285-3296	3.7	3
63	Multimorbidity, physical frailty, and self-rated health in older patients with atrial fibrillation. <i>BMC Geriatrics</i> , <b>2020</b> , 20, 343	4.1	3
62	Relations between plasma microRNAs, echocardiographic markers of atrial remodeling, and atrial fibrillation: Data from the Framingham Offspring study. <i>PLoS ONE</i> , <b>2020</b> , 15, e0236960	3.7	3
61	Perceiving one's heart condition to be cured following hospitalization for acute coronary syndromes: Implications for patient-provider communication. <i>Patient Education and Counseling</i> , <b>2016</b> , 99, 455-461	3.1	3
60	Atrial Fibrillation Detection in ICU Patients: A Pilot Study on MIMIC III Data. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , <b>2019</b> , 2019, 298-301	0.9	3
59	Comparative Effectiveness of Heart Rate Control Medications for the Treatment of Sepsis-Associated Atrial Fibrillation. <i>Chest</i> , <b>2021</b> , 159, 1452-1459	5.3	3
58	Adherence of Mobile App-Based Surveys and Comparison With Traditional Surveys: eCohort Study. <i>Journal of Medical Internet Research</i> , <b>2021</b> , 23, e24773	7.6	3
57	A multi-institutional partnership catalyzing the commercialization of medical devices and biotechnology products. <i>Journal of Clinical and Translational Science</i> , <b>2021</b> , 5, e119	0.4	3
56	Daily longitudinal sampling of SARS-CoV-2 infection reveals substantial heterogeneity in infectiousness.. <i>Nature Microbiology</i> , <b>2022</b> ,	26.6	3
55	Psychosocial and cognitive multimorbidity and health-related quality of life and symptom burden in older adults with atrial fibrillation: The systematic assessment of geriatric elements in atrial fibrillation (SAGE-AF) cohort study. <i>Archives of Gerontology and Geriatrics</i> , <b>2020</b> , 90, 104117	4	2

54	Association of subclinical atherosclerosis with echocardiographic indices of cardiac remodeling: The Framingham Study. <i>PLoS ONE</i> , <b>2020</b> , 15, e0233321	3.7	2
53	A Historical Perspective on Presentations of Hypertensive Acute Heart Failure. <i>Journal of Cardiovascular Diseases &amp; Diagnosis</i> , <b>2017</b> , 5,	0	2
52	Recent Trends in Oral Anticoagulant Use and Post-Discharge Complications Among Atrial Fibrillation Patients with Acute Myocardial Infarction. <i>Journal of Atrial Fibrillation</i> , <b>2018</b> , 10, 1749	0.8	2
51	Glucocorticoids and Risk of Venous Thromboembolism in Asthma Patients Aged 20-59 Years in the United Kingdom CPRD 1995-2015.. <i>Clinical Epidemiology</i> , <b>2022</b> , 14, 83-93	5.9	2
50	Learning Latent Space Representations to Predict Patient Outcomes: Model Development and Validation. <i>Journal of Medical Internet Research</i> , <b>2020</b> , 22, e16374	7.6	2
49	Prevalence of Frailty and Associations with Oral Anticoagulant Prescribing in Atrial Fibrillation. <i>Journal of General Internal Medicine</i> , <b>2021</b> , 1	4	2
48	Feasibility of atrial fibrillation detection from a novel wearable armband device.. <i>Cardiovascular Digital Health Journal</i> , <b>2021</b> , 2, 179-191	2	2
47	MI-PACE Home-Based Cardiac Telerehabilitation Program for Heart Attack Survivors: Usability Study. <i>JMIR Human Factors</i> , <b>2021</b> , 8, e18130	2.5	2
46	Sex-differences in post-discharge outcomes among patients hospitalized for atrial fibrillation. <i>Clinical Cardiology</i> , <b>2019</b> , 42, 84-92	3.3	2
45	Usability, Perceived Usefulness, and Shared Decision-Making Features of the AFib 2gether Mobile App: Protocol for a Single-Arm Intervention Study. <i>JMIR Research Protocols</i> , <b>2021</b> , 10, e21986	2	2
44	Development and Validation of an Automated Algorithm to Detect Atrial Fibrillation Within Stored Intensive Care Unit Continuous Electrocardiographic Data: Observational Study. <i>JMIR Cardio</i> , <b>2021</b> , 5, e18840	3.1	2
43	The presbycardia phenotype: Cardiac remodeling and valvular degeneration in nonagenarians. <i>Echocardiography</i> , <b>2018</b> , 35, 1974-1981	1.5	2
42	Dabigatran Versus Rivaroxaban for Secondary Stroke Prevention in Patients with Atrial Fibrillation Rehabilitated in Skilled Nursing Facilities. <i>Drugs and Aging</i> , <b>2018</b> , 35, 1089-1098	4.7	2
41	Magnitude and impact of multiple chronic conditions with advancing age in older adults hospitalized with acute myocardial infarction. <i>International Journal of Cardiology</i> , <b>2018</b> , 272, 341-345	3.2	2
40	Smartwatch monitoring for atrial fibrillation after stroke-The Pulsewatch Study: Protocol for a multiphase randomized controlled trial.. <i>Cardiovascular Digital Health Journal</i> , <b>2021</b> , 2, 231-241	2	2
39	Comparison of Rapid Antigen Tests Performance between Delta (B.1.61.7; AY.X) and Omicron (B.1.1.529; BA1) Variants of SARS-CoV-2: Secondary Analysis from a Serial Home Self-Testing Study. <b>2022</b> ,		2
38	Association of Use of an Integrated Specialty Pharmacy With Total Medical Expenditures Among Members of an Accountable Care Organization. <i>JAMA Network Open</i> , <b>2020</b> , 3, e2018772	10.4	1
37	Limitations of molecular and antigen test performance for SARS-CoV-2 in symptomatic and asymptomatic COVID-19 contacts. <b>2022</b> ,		1

36	Hearing loss and cognitive decline among older adults with atrial fibrillation: the SAGE-AF study. <i>Journal of Geriatric Cardiology</i> , <b>2020</b> , 17, 177-183	1.7	1
35	Self-reported risk of stroke and factors associated with underestimation of stroke risk among older adults with atrial fibrillation: the SAGE-AF study. <i>Journal of Geriatric Cardiology</i> , <b>2020</b> , 17, 502-509	1.7	1
34	Incident frailty and cognitive impairment by heart failure status in older patients with atrial fibrillation: the SAGE-AF study. <i>Journal of Geriatric Cardiology</i> , <b>2020</b> , 17, 653-658	1.7	1
33	Bleeding Entity Recognition in Electronic Health Records: A Comprehensive Analysis of End-to-End Systems <b>2020</b> , 2020, 860-869	0.7	1
32	Usability, Perceived Usefulness, and Shared Decision-Making Features of the AFib 2gether Mobile App: Protocol for a Single-Arm Intervention Study (Preprint)		1
31	Digital Image Processing Features of Smartwatch Photoplethysmography for Cardiac Arrhythmia Detection. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , <b>2020</b> , 2020, 4071-4074	0.9	1
30	SUPPORT-AF III: supporting use of AC through provider prompting about oral anticoagulation therapy for AF. <i>Journal of Thrombosis and Thrombolysis</i> , <b>2021</b> , 52, 808-816	5.1	1
29	Dietary Habits and Medications to Control Hypertension Among Women of Child-Bearing Age in the United States from 2001 to 2016. <i>American Journal of Hypertension</i> , <b>2021</b> , 34, 919-928	2.3	1
28	Association of Habitual Physical Activity With Home Blood Pressure in the Electronic Framingham Heart Study (eFHS): Cross-sectional Study. <i>Journal of Medical Internet Research</i> , <b>2021</b> , 23, e25591	7.6	1
27	Design, deployment, and usability of a mobile system for cardiovascular health monitoring within the electronic Framingham Heart Study.. <i>Cardiovascular Digital Health Journal</i> , <b>2021</b> , 2, 171-178	2	1
26	Cardiovascular Health Metrics in Patients Hospitalized with an Acute Coronary Syndrome. <i>American Journal of Medicine</i> , <b>2021</b> , 134, 1396-1402.e1	2.4	1
25	Trends in the Magnitude of, and Patient Characteristics Associated With, Multiple Hospital Readmissions After Acute Myocardial Infarction. <i>American Journal of Cardiology</i> , <b>2016</b> , 118, 1117-1122	3	1
24	Sociodemographic, behavioral, and clinical factors associated with low atrial fibrillation knowledge among older adults with atrial fibrillation: The SAGE-AF study. <i>Patient Education and Counseling</i> , <b>2021</b> , 104, 194-200	3.1	1
23	Relation Classification for Bleeding Events From Electronic Health Records Using Deep Learning Systems: An Empirical Study. <i>JMIR Medical Informatics</i> , <b>2021</b> , 9, e27527	3.6	1
22	HRS White Paper on Clinical Utilization of Digital Health Technology.. <i>Cardiovascular Digital Health Journal</i> , <b>2021</b> , 2, 196-211	2	1
21	Non-specific pain and 30-day readmission in acute coronary syndromes: findings from the TRACE-CORE prospective cohort. <i>BMC Cardiovascular Disorders</i> , <b>2021</b> , 21, 383	2.3	1
20	NEXUS-Heart: Novel examinations using smart technologies for heart health-Data sharing from commercial wearable devices and telehealth engagement in participants with or at risk of atrial fibrillation.. <i>Cardiovascular Digital Health Journal</i> , <b>2021</b> , 2, 256-263	2	1
19	Atrial Fibrillation Prediction from Critically Ill Sepsis Patients. <i>Biosensors</i> , <b>2021</b> , 11,	5.9	1

18	Association of Mass Distribution of Rapid Antigen Tests and SARS-CoV-2 Prevalence: Results from NIH-CDC funded Say Yes! Covid Test program in Michigan. <b>2022</b> ,		1
17	Relations Between BMI Trajectories and Habitual Physical Activity Measured by a Smartwatch in the Electronic Cohort of the Framingham Heart Study: Cohort Study.. <i>JMIR Cardio</i> , <b>2022</b> , 6, e32348	3.1	1
16	Cost Reduction Behaviors and Cost-Related Medication Nonadherence in Older Adults with Atrial Fibrillation. <i>Innovation in Aging</i> , <b>2021</b> , 5, 612-612	0.1	1
15	Factors Associated with Moderate Physical Activity Among Older Adults with Atrial Fibrillation.. <i>Journal of Atrial Fibrillation</i> , <b>2021</b> , 13, 2454	0.8	0
14	Comparison of Daily Routines Between Middle-aged and Older Participants With and Those Without Diabetes in the Electronic Framingham Heart Study: Cohort Study.. <i>JMIR Diabetes</i> , <b>2022</b> , 7, e29107	2.7	0
13	Usability and Perceived Usefulness of the AFib 2gether Mobile App in a Clinical Setting: Single-Arm Intervention Study. <i>JMIR Cardio</i> , <b>2021</b> , 5, e27016	3.1	0
12	Patient Preferences for Point-of-Care Testing: Survey Validation and Results. <i>Point of Care</i> , <b>2020</b> , 19, 112-115	0.4	0
11	Religiosity and Patient Activation Among Hospital Survivors of an Acute Coronary Syndrome. <i>Journal of General Internal Medicine</i> , <b>2020</b> , 35, 762-769	4	0
10	Prognostic value of geriatric conditions for death and bleeding in older patients with atrial fibrillation. <i>IJC Heart and Vasculature</i> , <b>2021</b> , 33, 100739	2.4	0
9	Geographic Variation in Anticoagulant Use and Resident, Nursing Home, and County Characteristics Associated With Treatment Among US Nursing Home Residents. <i>Journal of the American Medical Directors Association</i> , <b>2021</b> , 22, 164-172.e9	5.9	0
8	The Risk of Venous Thromboembolism (VTE) in Men with Benign Prostatic Hyperplasia Treated with 5-Alpha Reductase Inhibitors (5ARIs). <i>Clinical Epidemiology</i> , <b>2021</b> , 13, 661-673	5.9	0
7	Facilitators and barriers to post-discharge pain assessment and triage: a qualitative study of nurses' and patients' perspectives. <i>BMC Health Services Research</i> , <b>2021</b> , 21, 1021	2.9	0
6	Reducing stroke by screening for Undiagnosed atrial fibrillation in elderly individuals (GUARD-AF): Rationale and Design of the GUARD-AF Randomized Trial of Screening for Atrial Fibrillation with a 14-day Patch-Based Continuous ECG Monitor.. <i>American Heart Journal</i> , <b>2022</b> , 249, 76-76	4.9	0
5	Presence of Geriatric Conditions Is Prognostic of Major Bleeding in Older Patients with Atrial Fibrillation: a Cohort Study.. <i>Journal of General Internal Medicine</i> , <b>2022</b> , 1	4	
4	No evidence of association between habitual physical activity and ECG traits: Insights from the electronic Framingham Heart Study.. <i>Cardiovascular Digital Health Journal</i> , <b>2022</b> , 3, 56-58	2	
3	Reducing Hospitalizations and Emergency Department Visits in Patients With Venous Thromboembolism Using a Multicomponent Care Transition Intervention. <i>Inquiry (United States)</i> , <b>2020</b> , 57, 46958019900080	1.4	
2	SUPPORT-AF IV: Supporting use of AC through provider prompting about oral anticoagulation therapy for AF clinical trial study protocol.. <i>Cardiovascular Digital Health Journal</i> , <b>2021</b> , 2, 222-230	2	
1	A cross-sectional analysis of racial differences in accelerated aging and cognitive function among patients with atrial fibrillation: The SAGE-AF study: Forrester, Accelerated aging and cognitive function. <i>EClinicalMedicine</i> , <b>2021</b> , 39, 101060	11.3	

