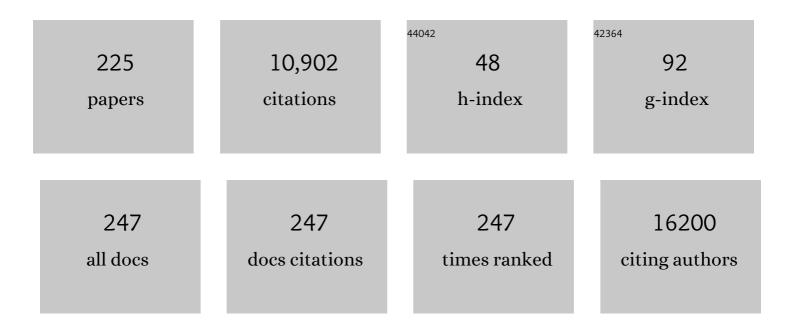
David D Mcmanus

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	50 year trends in atrial fibrillation prevalence, incidence, risk factors, and mortality in the Framingham Heart Study: a cohort study. Lancet, The, 2015, 386, 154-162.	6.3	1,148
2	Sequencing of 53,831 diverse genomes from the NHLBI TOPMed Program. Nature, 2021, 590, 290-299.	13.7	1,069
3	Simple Risk Model Predicts Incidence of Atrial Fibrillation in a Racially and Geographically Diverse Population: the CHARGEâ€AF Consortium. Journal of the American Heart Association, 2013, 2, e000102.	1.6	601
4	Atrial Fibrillation Begets Heart Failure and Vice Versa. Circulation, 2016, 133, 484-492.	1.6	561
5	Recent Trends in the Incidence, Treatment, and Outcomes of Patients with STEMI and NSTEMI. American Journal of Medicine, 2011, 124, 40-47.	0.6	532
6	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. BMJ: British Medical Journal, 2018, 361, k1453.	2.4	232
7	A novel application for the detection of an irregular pulse using an iPhone 4S in patients with atrial fibrillation. Heart Rhythm, 2013, 10, 315-319.	0.3	229
8	Atrial Fibrillation Detection Using an iPhone 4S. IEEE Transactions on Biomedical Engineering, 2013, 60, 203-206.	2.5	205
9	Genetic Predisposition, Clinical Risk Factor Burden, and Lifetime Risk of Atrial Fibrillation. Circulation, 2018, 137, 1027-1038.	1.6	196
10	Long-Term Outcomes of Secondary Atrial Fibrillation in the Community. Circulation, 2015, 131, 1648-1655.	1.6	154
11	B-type natriuretic peptide and C-reactive protein in the prediction of atrial fibrillation risk: the CHARGE-AF Consortium of community-based cohort studies. Europace, 2014, 16, 1426-1433.	0.7	144
12	Novel Genetic Markers Associate With Atrial Fibrillation Risk in Europeans and Japanese. Journal of the American College of Cardiology, 2014, 63, 1200-1210.	1.2	127
13	PULSEâ€SMART: Pulseâ€Based Arrhythmia Discrimination Using a Novel Smartphone Application. Journal of Cardiovascular Electrophysiology, 2016, 27, 51-57.	0.8	125
14	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. Circulation: Cardiovascular Quality and Outcomes, 2016, 9, 117-125.	0.9	121
15	Longitudinal Assessment of Diagnostic Test Performance Over the Course of Acute SARS-CoV-2 Infection. Journal of Infectious Diseases, 2021, 224, 976-982.	1.9	119
16	MicroRNAs in platelet function and cardiovascular disease. Nature Reviews Cardiology, 2015, 12, 711-717.	6.1	109
17	Galectin 3 and incident atrial fibrillation in the community. American Heart Journal, 2014, 167, 729-734.e1.	1.2	101

Plasma microRNAs are associated with atrial fibrillation and change after catheter ablation (the) Tj ETQq0 0 0 rgBT (Overlock 10 Tf 50 62

#	Article	IF	CITATIONS
19	Blood Lipids and the Incidence of Atrial Fibrillation: The Multiâ€Ethnic Study of Atherosclerosis and the Framingham Heart Study. Journal of the American Heart Association, 2014, 3, e001211.	1.6	99
20	Daily longitudinal sampling of SARS-CoV-2 infection reveals substantial heterogeneity in infectiousness. Nature Microbiology, 2022, 7, 640-652.	5.9	99
21	Alcohol Consumption, Left Atrial Diameter, and Atrial Fibrillation. Journal of the American Heart Association, 2016, 5, .	1.6	90
22	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. PLoS Medicine, 2019, 16, e1002903.	3.9	90
23	Relation between soluble ST2, growth differentiation factor–15, and high-sensitivity troponin I and incident atrial fibrillation. American Heart Journal, 2014, 167, 109-115.e2.	1.2	85
24	30-Year Trends in Heart Failure in Patients Hospitalized With Acute Myocardial Infarction. American Journal of Cardiology, 2011, 107, 353-359.	0.7	84
25	Time-Varying Coherence Function for Atrial Fibrillation Detection. IEEE Transactions on Biomedical Engineering, 2013, 60, 2783-2793.	2.5	84
26	Relations between circulating microRNAs and atrial fibrillation: Data from the Framingham Offspring Study. Heart Rhythm, 2014, 11, 663-669.	0.3	80
27	Atrial Fibrillation Detection from Wrist Photoplethysmography Signals Using Smartwatches. Scientific Reports, 2019, 9, 15054.	1.6	79
28	Atrial Fibrillation Is Associated With a Worse 90-Day Outcome Than Other Cardioembolic Stroke Subtypes. Stroke, 2016, 47, 1486-1492.	1.0	74
29	Relation of Kidney Function and Albuminuria With Atrial Fibrillation (from the Heart and Soul Study). American Journal of Cardiology, 2009, 104, 1551-1555.	0.7	72
30	Relations of Arterial Stiffness and Brachial Flow–Mediated Dilation With New-Onset Atrial Fibrillation. Hypertension, 2016, 68, 590-596.	1.3	72
31	A comparison of the CHARGE–AF and the CHA2DS2-VASc risk scores for prediction of atrial fibrillation in the Framingham Heart Study. American Heart Journal, 2016, 178, 45-54.	1.2	70
32	Atrial Fibrillation Detection Using a Novel Cardiac Ambulatory Monitor Based on Photoâ€Plethysmography at the Wrist. Journal of the American Heart Association, 2018, 7, e009351.	1.6	69
33	Improved Survival After Heart Failure: A Communityâ€Based Perspective. Journal of the American Heart Association, 2013, 2, e000053.	1.6	66
34	Multiple cardiovascular comorbidities and acute myocardial infarction: temporal trends (1990–2007) and impact on death rates at 30 days and 1 year. Clinical Epidemiology, 2012, 4, 115.	1.5	65
35	Efficacy and safety of direct oral anticoagulants approved for cardiovascular indications: Systematic review and meta-analysis. PLoS ONE, 2018, 13, e0197583.	1.1	63
36	An Accurate QRS Complex and P Wave Detection in ECG Signals Using Complete Ensemble Empirical Mode Decomposition with Adaptive Noise Approach. IEEE Access, 2019, 7, 128869-128880.	2.6	62

#	Article	IF	CITATIONS
37	Photoplethysmograph Signal Reconstruction Based on a Novel Hybrid Motion Artifact Detection–Reduction Approach. Part I: Motion and Noise Artifact Detection. Annals of Biomedical Engineering, 2014, 42, 2238-2250.	1.3	61
38	Atrial Fibrillation and Hypertension: Mechanistic, Epidemiologic, and Treatment Parallels. Methodist DeBakey Cardiovascular Journal, 2021, 11, 228.	0.5	61
39	Atrial flutter: Clinical risk factors and adverse outcomes in the Framingham Heart Study. Heart Rhythm, 2016, 13, 233-240.	0.3	61
40	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. American Heart Journal, 2021, 238, 16-26.	1.2	61
41	Atrial fibrillation and cognitive decline in the Framingham Heart Study. Heart Rhythm, 2018, 15, 166-172.	0.3	60
42	Geriatric Elements and Oral Anticoagulant Prescribing in Older Atrial Fibrillation Patients: SAGEâ€AF. Journal of the American Geriatrics Society, 2020, 68, 147-154.	1.3	60
43	Association of Left Atrial Function Index with Atrial Fibrillation and Cardiovascular Disease: The Framingham Offspring Study. Journal of the American Heart Association, 2018, 7, .	1.6	59
44	Circulating Cell and Plasma microRNA Profiles Differ between Non-STSegment and ST-Segment-Elevation Myocardial Infarction. Family Medicine & Medical Science Research, 2013, 02, 108.	0.1	58
45	Relationship Among Circulating Inflammatory Proteins, Platelet Gene Expression, and Cardiovascular Risk. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 2666-2673.	1.1	56
46	Arrhythmia Discrimination using a Smart Phone. IEEE Journal of Biomedical and Health Informatics, 2015, 19, 1-1.	3.9	56
47	Stroke as the Initial Manifestation of Atrial Fibrillation. Stroke, 2017, 48, 490-492.	1.0	56
48	Atrial fibrillation, cognition and dementia: A review. Journal of Cardiovascular Electrophysiology, 2017, 28, 958-965.	0.8	56
49	Development and Validation of a Prediction Model for Atrial Fibrillation Using Electronic Health Records. JACC: Clinical Electrophysiology, 2019, 5, 1331-1341.	1.3	56
50	Emerging Technologies for Identifying Atrial Fibrillation. Circulation Research, 2020, 127, 128-142.	2.0	54
51	Trends in Atrial Fibrillation in Patients Hospitalized with an Acute Coronary Syndrome. American Journal of Medicine, 2012, 125, 1076-1084.	0.6	53
52	Practice Patterns and Outcomes Associated With Use of Anticoagulation Among Patients With Atrial Fibrillation During Sepsis. JAMA Cardiology, 2016, 1, 682.	3.0	53
53	Thirty-Year (1975 to 2005) Trends in the Incidence Rates, Clinical Features, Treatment Practices, and Short-Term Outcomes of Patients <55 Years of Age Hospitalized With an Initial Acute Myocardial Infarction. American Journal of Cardiology, 2011, 108, 477-482.	0.7	51
54	Photoplethysmograph Signal Reconstruction based on a Novel Motion Artifact Detection-Reduction Approach. Part II: Motion and Noise Artifact Removal. Annals of Biomedical Engineering, 2014, 42, 2251-2263.	1.3	48

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55	Gene expression and genetic variation in human atria. Heart Rhythm, 2014, 11, 266-271.	0.3	48
56	Methylome-wide Association Study of Atrial Fibrillation in Framingham Heart Study. Scientific Reports, 2017, 7, 40377.	1.6	48
57	Trajectories of Risk Factors and Risk of New-Onset Atrial Fibrillation in the Framingham Heart Study. Hypertension, 2016, 68, 597-605.	1.3	46
58	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. American Journal of Cardiology, 2016, 118, 1105-1110.	0.7	43
59	Relation of Atrial Fibrillation in Acute Myocardial Infarction to In-Hospital Complications and Early Hospital Readmission. American Journal of Cardiology, 2016, 117, 1213-1218.	0.7	43
60	Atrial fibrillation is associated with anterior predominant white matter lesions in patients presenting with embolic stroke. Journal of Neurology, Neurosurgery and Psychiatry, 2018, 89, 6-13.	0.9	43
61	Screening for Atrial Fibrillation in Older Adults at Primary Care Visits: VITAL-AF Randomized Controlled Trial. Circulation, 2022, 145, 946-954.	1.6	43
62	Research Priorities in Atrial Fibrillation Screening. Circulation, 2021, 143, 372-388.	1.6	42
63	Design and Preliminary Findings From a New Electronic Cohort Embedded in the Framingham Heart Study. Journal of Medical Internet Research, 2019, 21, e12143.	2.1	41
64	Wearing Your Heart on Your Sleeve: the Future of Cardiac Rhythm Monitoring. Current Cardiology Reports, 2019, 21, 158.	1.3	39
65	Accelerometer-derived physical activity and risk of atrial fibrillation. European Heart Journal, 2021, 42, 2472-2483.	1.0	38
66	Detection of Bleeding Events in Electronic Health Record Notes Using Convolutional Neural Network Models Enhanced With Recurrent Neural Network Autoencoders: Deep Learning Approach. JMIR Medical Informatics, 2019, 7, e10788.	1.3	38
67	Relations of Liver Fat With Prevalent and Incident Atrial Fibrillation in the Framingham Heart Study. Journal of the American Heart Association, 2017, 6, .	1.6	37
68	Ten‥ear (2001–2011) Trends in the Incidence Rates and Shortâ€Term Outcomes of Early Versus Late Onset Cardiogenic Shock After Hospitalization for Acute Myocardial Infarction. Journal of the American Heart Association, 2017, 6, .	1.6	37
69	Initial Precipitants and Recurrence of Atrial Fibrillation. Circulation: Arrhythmia and Electrophysiology, 2020, 13, e007716.	2.1	37
70	Recent Trends in the Incidence, Treatment, and Prognosis of Patients With Heart Failure and Atrial Fibrillation (the Worcester Heart Failure Study). American Journal of Cardiology, 2013, 111, 1460-1465.	0.7	36
71	Reliability of Predicting Early Hospital Readmission After Discharge for an Acute Coronary Syndrome Using Claims-Based Data. American Journal of Cardiology, 2016, 117, 501-507.	0.7	36
72	Noise Detection in Electrocardiogram Signals for Intensive Care Unit Patients. IEEE Access, 2019, 7, 88357-88368.	2.6	36

#	Article	IF	CITATIONS
73	Association of Habitual Physical Activity With Cardiovascular Disease Risk. Circulation Research, 2020, 127, 1253-1260.	2.0	36
74	Longitudinal Analysis of SARS-CoV-2 Vaccine Breakthrough Infections Reveals Limited Infectious Virus Shedding and Restricted Tissue Distribution. Open Forum Infectious Diseases, 2022, 9, .	0.4	36
75	Atrial fibrillation without comorbidities: Prevalence, incidence and prognosis (from the Framingham) Tj ETQq1 1	0.784314 1.2	ŀrg₿Ţ /Overlo
76	Age-and-sex stratified prevalence of atrial fibrillation in rural Western India: Results of SMART-India, a population-based screening study. International Journal of Cardiology, 2019, 280, 84-88.	0.8	35
77	Messenger RNA and MicroRNA transcriptomic signatures of cardiometabolic risk factors. BMC Genomics, 2017, 18, 139.	1.2	33
78	VERB: VFCDM-Based Electrocardiogram Reconstruction and Beat Detection Algorithm. IEEE Access, 2019, 7, 13856-13866.	2.6	33
79	Atrial Fibrillation Detection During Sepsis: Study on MIMIC III ICU Data. IEEE Journal of Biomedical and Health Informatics, 2020, 24, 3124-3135.	3.9	32
80	Accuracy and Usability of a Novel Algorithm for Detection of Irregular Pulse Using a Smartwatch Among Older Adults: Observational Study. JMIR Cardio, 2019, 3, e13850.	0.7	32
81	Transitions, Risks, and Actions in Coronary Events—Center for Outcomes Research and Education (TRACE-CORE). Circulation: Cardiovascular Quality and Outcomes, 2012, 5, e44-50.	0.9	31
82	Long-Term Survival for Patients With Acute Decompensated Heart Failure According to Ejection Fraction Findings. American Journal of Cardiology, 2014, 114, 862-868.	0.7	31
83	Decade Long Trends (2001–2011) in Duration of Preâ€Hospital Delay Among Elderly Patients Hospitalized for an Acute Myocardial Infarction. Journal of the American Heart Association, 2016, 5, e002664.	1.6	31
84	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) Tj ETQq0 (0 Oor <i>g</i> BT /	Oværlock 10 T
85	Characteristics of Contemporary Patients Discharged From the Hospital After an Acute Coronary Syndrome. American Journal of Medicine, 2015, 128, 1087-1093.	0.6	29
86	Premature Atrial and Ventricular Contraction Detection Using Photoplethysmographic Data from a Smartwatch. Sensors, 2020, 20, 5683.	2.1	29
87	Survey of current perspectives on consumer-available digital health devices for detecting atrial fibrillation. Cardiovascular Digital Health Journal, 2020, 1, 21-29.	0.5	28
88	Metabolomic Profiling in Relation to New-Onset Atrial Fibrillation (from the Framingham Heart) Tj ETQq0 0 0 rgB	T /Qverlo	ck 10 Tf 50 14
89	Evaluation of a Diabetes Remote Monitoring Program Facilitated by Connected Glucose Meters for Patients With Poorly Controlled Type 2 Diabetes: Randomized Crossover Trial. JMIR Diabetes, 2021, 6, e25574.	0.9	26
90	Thirty-day Hospital Readmissions in Patients with Non-ST-segment Elevation Acute Myocardial Infarction. American Journal of Medicine, 2015, 128, 760-765.	0.6	25

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91	A Novel Personalized Motion and Noise Artifact (MNA) Detection Method for Smartphone Photoplethysmograph (PPG) Signals. IEEE Access, 2018, 6, 60498-60512.	2.6	25
92	Targeted sequencing in candidate genes for atrial fibrillation: The Cohorts for Heart and Aging Research in Genomic Epidemiology (CHARGE) Targeted Sequencing Study. Heart Rhythm, 2014, 11, 452-457.	0.3	24
93	Online health information seeking by adults hospitalized for acute coronary syndromes: Who looks for information, and who discusses it with healthcare providers?. Patient Education and Counseling, 2018, 101, 1973-1981.	1.0	24
94	Developing a novel noise artifact detection algorithm for smartphone PPG signals: Preliminary results. , 2018, , .		24
95	Design and rationale of a pragmatic trial integrating routine screening for atrial fibrillation at primary care visits: The VITAL-AF trial. American Heart Journal, 2019, 215, 147-156.	1.2	24
96	Whole Blood Gene Expression and Atrial Fibrillation: The Framingham Heart Study. PLoS ONE, 2014, 9, e96794.	1.1	23
97	Detection of atrial fibrillation using a smartwatch. Nature Reviews Cardiology, 2018, 15, 657-658.	6.1	23
98	Frailty, Cognitive Impairment, and Anticoagulation Among Older Adults with <scp>Nonvalvular</scp> Atrial Fibrillation. Journal of the American Geriatrics Society, 2020, 68, 2778-2786.	1.3	23
99	Bioimpedance-Based Heart Failure Deterioration Prediction Using a Prototype Fluid Accumulation Vest-Mobile Phone Dyad: An Observational Study. JMIR Cardio, 2017, 1, e1.	0.7	23
100	Automated Electronic Phenotyping of Cardioembolic Stroke. Stroke, 2021, 52, 181-189.	1.0	22
101	Multiple Chronic Conditions and Psychosocial Limitations in Patients Hospitalized with an Acute Coronary Syndrome. American Journal of Medicine, 2016, 129, 608-614.	0.6	21
102	The association of nonâ€alcoholic fatty liver disease and cardiac structure and function—Framingham Heart Study. Liver International, 2020, 40, 2445-2454.	1.9	21
103	Detecting Heart Failure Decompensation by Measuring Transthoracic Bioimpedance in the Outpatient Setting: Rationale and Design of the SENTINEL-HF Study. JMIR Research Protocols, 2015, 4, e121.	0.5	21
104	A Real-Time PPG Peak Detection Method for Accurate Determination of Heart Rate during Sinus Rhythm and Cardiac Arrhythmia. Biosensors, 2022, 12, 82.	2.3	21
105	Mitoxantroneâ€Induced Cardiotoxicity in Acute Myeloid Leukemia—A Velocity Vector Imaging Analysis. Echocardiography, 2016, 33, 1166-1177.	0.3	20
106	Outcomes Among Older Patients Receiving Implantable Cardioverter-Defibrillators for Secondary Prevention. Journal of the American College of Cardiology, 2017, 69, 265-274.	1.2	20
107	Relation of Orthostatic Hypotension With New-Onset Atrial Fibrillation (From the Framingham Heart) Tj ETQq1	1 0.784314 0.7	+ rgBT /Overld
108	SUPPORTâ€AF: Piloting a Multiâ€Faceted, Electronic Medical Recordâ€Based Intervention to Improve Prescription of Anticoagulation. Journal of the American Heart Association, 2018, 7, e009946.	1.6	20

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109	Indexed Left Atrial Adipose Tissue Area Is Associated With Severity of Atrial Fibrillation and Atrial Fibrillation Recurrence Among Patients Undergoing Catheter Ablation. Frontiers in Cardiovascular Medicine, 2018, 5, 76.	1.1	20
110	Novel Method of Atrial Fibrillation Case Identification and Burden Estimation Using the MIMIC-III Electronic Health Data Set. Journal of Intensive Care Medicine, 2019, 34, 851-857.	1.3	20
111	Physical, cognitive, and psychosocial conditions in relation to anticoagulation satisfaction among elderly adults with atrial fibrillation: The SAGEâ€AF study. Journal of Cardiovascular Electrophysiology, 2019, 30, 2508-2515.	0.8	20
112	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. American Journal of Cardiology, 2016, 118, 1792-1797.	0.7	19
113	High Burden of Unrecognized Atrial Fibrillation in Rural India: An Innovative Community-Based Cross-Sectional Screening Program. JMIR Public Health and Surveillance, 2016, 2, e159.	1.2	19
114	SUPPORT-AF II: Supporting Use of Anticoagulants Through Provider Profiling of Oral Anticoagulant Therapy for Atrial Fibrillation. Circulation: Cardiovascular Quality and Outcomes, 2020, 13, e005871.	0.9	18
115	Clinical and Echocardiographic Correlates of Left Atrial Function Index: The Framingham Offspring Study. Journal of the American Society of Echocardiography, 2017, 30, 904-912.e2.	1.2	17
116	Micro-RNAs Are Related to Epicardial Adipose Tissue in Participants With Atrial Fibrillation: Data From the MiRhythm Study. Frontiers in Cardiovascular Medicine, 2019, 6, 115.	1.1	17
117	Association of Lipid-Related Genetic Variants with the Incidence of Atrial Fibrillation: The AFGen Consortium. PLoS ONE, 2016, 11, e0151932.	1.1	16
118	Smartwatch PPG Peak Detection Method for Sinus Rhythm and Cardiac Arrhythmia. , 2019, 2019, 4310-4313.		16
119	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. JMIR MHealth and UHealth, 2019, 7, e13238.	1.8	16
120	Learning Latent Space Representations to Predict Patient Outcomes: Model Development and Validation. Journal of Medical Internet Research, 2020, 22, e16374.	2.1	16
121	Incidence, prognosis, and factors associated with cardiac arrest in patients hospitalized with acute coronary syndromes (the Global Registry of Acute Coronary Events Registry). Coronary Artery Disease, 2012, 23, 105-112.	0.3	15
122	Study protocol for <i>S</i> martphone <i>M</i> onitoring for <i>A</i> trial fibrillation in <i>R</i> eal- <i>T</i> ime in India (SMART-India): a community-based screening and referral programme. BMJ Open, 2017, 7, e017668.	0.8	15
123	Are we "missing the big picture―in transitions of care? Perspectives of healthcare providers managing patients with unplanned hospitalization. Applied Nursing Research, 2018, 44, 60-66.	1.0	15
124	New-Onset Atrial Fibrillation as a Sepsis-Defining Organ Failure. Annals of the American Thoracic Society, 2019, 16, 1332-1334.	1.5	15
125	Left Ventricular Ejection Fraction and Clinically Defined Heart Failure to Predict 90-Day Functional Outcome After Ischemic Stroke. Journal of Stroke and Cerebrovascular Diseases, 2019, 28, 371-380.	0.7	15
126	Comparative Safety and Effectiveness of Direct-Acting Oral Anticoagulants Versus Warfarin: a National Cohort Study of Nursing Home Residents. Journal of General Internal Medicine, 2020, 35, 2329-2337.	1.3	15

#	Article	IF	CITATIONS
127	Atrial Fibrillation Prediction from Critically III Sepsis Patients. Biosensors, 2021, 11, 269.	2.3	15
128	The Complex Relationship of Race to Outcomes in Heart Failure with Preserved Ejection Fraction. American Journal of Medicine, 2015, 128, 591-600.	0.6	14
129	Association of Left Atrial Function Index With Late Atrial Fibrillation Recurrence after Catheter Ablation. Journal of Cardiovascular Electrophysiology, 2016, 27, 1411-1419.	0.8	14
130	Association Between Leukocyte Telomere Length and the Risk of Incident Atrial Fibrillation: The Framingham Heart Study. Journal of the American Heart Association, 2017, 6, .	1.6	14
131	Motion and Noise Artifact-Resilient Atrial Fibrillation Detection Using a Smartphone. IEEE Journal on Emerging and Selected Topics in Circuits and Systems, 2018, 8, 230-239.	2.7	14
132	Smartwatch monitoring for atrial fibrillation after stroke—The Pulsewatch Study: Protocol for a multiphase randomized controlled trial. Cardiovascular Digital Health Journal, 2021, 2, 231-241.	0.5	14
133	Decade-Long Trends in the Magnitude, Treatment, and Outcomes of Patients Aged 30 to 54ÂYears Hospitalized With ST-Segment Elevation and Non–ST-Segment Elevation Myocardial Infarction. American Journal of Cardiology, 2014, 113, 1606-1610.	0.7	13
134	Barriers to Healthcare Access and Long-Term Survival After an Acute Coronary Syndrome. Journal of General Internal Medicine, 2018, 33, 1543-1550.	1.3	13
135	Geriatric Conditions Predict Discontinuation of Anticoagulation in Longâ€ T erm Care Residents With Atrial Fibrillation. Journal of the American Geriatrics Society, 2020, 68, 717-724.	1.3	13
136	Adherence of Mobile App-Based Surveys and Comparison With Traditional Surveys: eCohort Study. Journal of Medical Internet Research, 2021, 23, e24773.	2.1	13
137	Elevated serum glucose levels and survival after acute heart failure: A population-based perspective. Diabetes and Vascular Disease Research, 2015, 12, 119-125.	0.9	12
138	Device Therapies Among Patients Receiving Primary Prevention Implantable Cardioverterâ€Đefibrillators in the Cardiovascular Research Network. Journal of the American Heart Association, 2018, 7, .	1.6	12
139	Feasibility of atrial fibrillation detection from a novel wearable armband device. Cardiovascular Digital Health Journal, 2021, 2, 179-191.	0.5	12
140	30-Year Trends in Patient Characteristics, Treatment Practices, and Long-Term Outcomes of Adults Aged 35 to 54ÂYears Hospitalized With Acute Myocardial Infarction. American Journal of Cardiology, 2014, 113, 1137-1141.	0.7	11
141	Asymmetric dimethylarginine, related arginine derivatives, and incident atrial fibrillation. American Heart Journal, 2016, 176, 100-106.	1.2	11
142	RAHI–SATHI Indo-U.S. Collaboration: The Evolution of a Trainee-Led Twinning Model in Global Health Into a Multidisciplinary Collaborative Program. Global Health, Science and Practice, 2017, 5, 152-163.	0.6	11
143	Barriers to Healthcare Access and to Improvements in Health-Related Quality of Life After an Acute Coronary Syndrome (From TRACE-CORE). American Journal of Cardiology, 2018, 122, 1121-1127.	0.7	11
144	Comparative Effectiveness of Heart Rate Control Medications for the Treatment of Sepsis-Associated Atrial Fibrillation. Chest, 2021, 159, 1452-1459.	0.4	11

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145	Design, deployment, and usability of a mobile system for cardiovascular health monitoring within the electronic Framingham Heart Study. Cardiovascular Digital Health Journal, 2021, 2, 171-178.	0.5	11
146	Relation Classification for Bleeding Events From Electronic Health Records Using Deep Learning Systems: An Empirical Study. JMIR Medical Informatics, 2021, 9, e27527.	1.3	11
147	Change in Cognitive Function in the Month After Hospitalization for Acute Coronary Syndromes. Circulation: Cardiovascular Quality and Outcomes, 2017, 10, .	0.9	10
148	Atrial Fibrillation Detection in ICU Patients: A Pilot Study on MIMIC III Data. , 2019, 2019, 298-301.		10
149	Multimorbidity, physical frailty, and self-rated health in older patients with atrial fibrillation. BMC Geriatrics, 2020, 20, 343.	1.1	10
150	Relations between plasma microRNAs, echocardiographic markers of atrial remodeling, and atrial fibrillation: Data from the Framingham Offspring study. PLoS ONE, 2020, 15, e0236960.	1.1	10
151	A Bridge Too Far?. Circulation, 2015, 131, 448-450.	1.6	9
152	Point-of-care technologies in heart, lung, blood and sleep disorders from the Center for Advancing Point-of-Care Technologies. Current Opinion in Biomedical Engineering, 2019, 11, 58-67.	1.8	9
153	Geriatric Conditions and Prescription of Vitamin K Antagonists vs. Direct Oral Anticoagulants Among Older Patients With Atrial Fibrillation: SAGE-AF. Frontiers in Cardiovascular Medicine, 2019, 6, 155.	1.1	9
154	Association of Habitual Physical Activity With Home Blood Pressure in the Electronic Framingham Heart Study (eFHS): Cross-sectional Study. Journal of Medical Internet Research, 2021, 23, e25591.	2.1	9
155	HRS White Paper on Clinical Utilization of Digital Health Technology. Cardiovascular Digital Health Journal, 2021, 2, 196-211.	0.5	9
156	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. Cardiovascular Digital Health Journal, 2021, 2, 256-263.	0.5	9
157	Intracranial hemorrhage with target specific oral anticoagulants in patients with atrial fibrillation: An updated meta-analysis of randomized controlled trials. International Journal of Cardiology, 2016, 203, 1000-1002.	0.8	8
158	Treatment Effectiveness in Heart Failure with Comorbidity: Lung Disease and Kidney Disease. Journal of the American Geriatrics Society, 2017, 65, 2610-2618.	1.3	8
159	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: The systematic assessment of geriatric elements in atrial fibrillation: The systematic assessment of geriatrics, 2020, 90, 104117.	1.4	8
160	Patient Preferences for Point-of-Care Testing. Point of Care, 2020, 19, 112-115.	0.5	8
161	Religious practices and changes in health-related quality of life after hospital discharge for an acute coronary syndrome. Health and Quality of Life Outcomes, 2019, 17, 149.	1.0	7
162	MI-PACE Home-Based Cardiac Telerehabilitation Program for Heart Attack Survivors: Usability Study. JMIR Human Factors, 2021, 8, e18130.	1.0	7

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