Patrick T Ellinor

List of Publications by Year
in descending order

407	64,448	1883	1044
papers	citations	102 h-index	234 g-index

464	464	464	59441
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The mutational constraint spectrum quantified from variation in 141,456 humans. Nature, 2020, 581, 434-443.	13.7	6,140
2	2014 AHA/ACC/HRS Guideline for the Management of Patients With Atrial Fibrillation. Circulation, 2014, 130, e199-267.	1.6	3,471
3	2014 AHA/ACC/HRS Guideline forÂtheÂManagement of Patients WithÂAtrial Fibrillation. Journal of the American College of Cardiology, 2014, 64, e1-e76.	1.2	3,332
4	Genome-wide polygenic scores for common diseases identify individuals with risk equivalent to monogenic mutations. Nature Genetics, 2018, 50, 1219-1224.	9.4	2,111
5	2019 AHA/ACC/HRS Focused Update of the 2014 AHA/ACC/HRS Guideline for the Management of Patients With Atrial Fibrillation: A Report of the American College of Cardiology/American Heart Association Task Force on Clinical Practice Guidelines and the Heart Rhythm Society in Collaboration With the Society of Thoracic Surgeons. Circulation, 2019, 140, e125-e151.	1.6	1,925
6	2014 AHA/ACC/HRS Guideline for the Management of Patients With Atrial Fibrillation: Executive Summary. Circulation, 2014, 130, 2071-2104.	1.6	1,803
7	2017 HRS/EHRA/ECAS/APHRS/SOLAECE expert consensus statement on catheter and surgical ablation of atrial fibrillation. Heart Rhythm, 2017, 14, e275-e444.	0.3	1,671
8	2019 AHA/ACC/HRS Focused Update of the 2014 AHA/ACC/HRS Guideline for the Management of Patients With Atrial Fibrillation. Journal of the American College of Cardiology, 2019, 74, 104-132.	1.2	1,458
9	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
10	Multiancestry genome-wide association study of 520,000 subjects identifies 32 loci associated with stroke and stroke subtypes. Nature Genetics, 2018, 50, 524-537.	9.4	1,124
11	Sequencing of 53,831 diverse genomes from the NHLBI TOPMed Program. Nature, 2021, 590, 290-299.	13.7	1,069
12	HRS/EHRA Expert Consensus Statement on the State of Genetic Testing for the Channelopathies and Cardiomyopathies. Heart Rhythm, 2011, 8, 1308-1339.	0.3	995
13	Development of a risk score for atrial fibrillation (Framingham Heart Study): a community-based cohort study. Lancet, The, 2009, 373, 739-745.	6.3	883
14	Variants conferring risk of atrial fibrillation on chromosome 4q25. Nature, 2007, 448, 353-357.	13.7	853
15	2017 HRS/EHRA/ECAS/APHRS/SOLAECE expert consensus statement on catheter and surgical ablation of atrial fibrillation. Europace, 2018, 20, e1-e160.	0.7	767
16	Mutations in the desmosomal protein plakophilin-2 are common in arrhythmogenic right ventricular cardiomyopathy. Nature Genetics, 2004, 36, 1162-1164.	9.4	737
17	Macrophages Facilitate Electrical Conduction in the Heart. Cell, 2017, 169, 510-522.e20.	13.5	703
18	HRS/EHRA Expert Consensus Statement on the State of Genetic Testing for the Channelopathies and Cardiomyopathies: This document was developed as a partnership between the Heart Rhythm Society (HRS) and the European Heart Rhythm Association (EHRA). Europace, 2011, 13, 1077-1109.	0.7	699

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19	Distinctive pharmacology and kinetics of cloned neuronal Ca2+ channels and their possible counterparts in mammalian CNS neurons. Neuropharmacology, 1993, 32, 1075-1088.	2.0	638
20	Molecular diversity of voltage-dependent Ca2+ channels. Trends in Pharmacological Sciences, 1991, 12, 349-354.	4.0	620
21	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
22	Association analyses based on false discovery rate implicate new loci for coronary artery disease. Nature Genetics, 2017, 49, 1385-1391.	9.4	571
23	2014 AHA/ACC/HRS Guideline for theÂManagement of Patients With Atrial Fibrillation: Executive Summary. Journal of the American College of Cardiology, 2014, 64, 2246-2280.	1.2	569
24	Atrial Fibrillation Begets Heart Failure and Vice Versa. Circulation, 2016, 133, 484-492.	1.6	561
25	Multi-ethnic genome-wide association study for atrial fibrillation. Nature Genetics, 2018, 50, 1225-1233.	9.4	552
26	Rare and low-frequency coding variants alter human adult height. Nature, 2017, 542, 186-190.	13.7	544
27	COVID-19 tissue atlases reveal SARS-CoV-2 pathology and cellular targets. Nature, 2021, 595, 107-113.	13.7	537
28	Meta-analysis identifies six new susceptibility loci for atrial fibrillation. Nature Genetics, 2012, 44, 670-675.	9.4	533
29	Utility of Amino-Terminal Pro-Brain Natriuretic Peptide, Galectin-3, and Apelin for the Evaluation of Patients With Acute Heart Failure. Journal of the American College of Cardiology, 2006, 48, 1217-1224.	1.2	500
30	RBM20, a gene for hereditary cardiomyopathy, regulates titin splicing. Nature Medicine, 2012, 18, 766-773.	15.2	471
31	Genome-wide association and Mendelian randomisation analysis provide insights into the pathogenesis of heart failure. Nature Communications, 2020, 11, 163.	5.8	466
32	Prevention of Atrial Fibrillation. Circulation, 2009, 119, 606-618.	1.6	446
33	Common variants in KCNN3 are associated with lone atrial fibrillation. Nature Genetics, 2010, 42, 240-244.	9.4	438
34	Genome-wide association study of PR interval. Nature Genetics, 2010, 42, 153-159.	9.4	400
35	Inherited causes of clonal haematopoiesis in 97,691 whole genomes. Nature, 2020, 586, 763-768.	13.7	376
36	2017â€‰HRS/EHRA/ECAS/APHRS/SOLAECE expert consensus statement on catheter and surgical ablation of atrial fibrillation: Executive summary. Europace, 2018, 20, 157-208.	0.7	375

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37	Pericardial Fat Is Associated With Prevalent Atrial Fibrillation. Circulation: Arrhythmia and Electrophysiology, 2010, 3, 345-350.	2.1	364
38	Variants in ZFHX3 are associated with atrial fibrillation in individuals of European ancestry. Nature Genetics, 2009, 41, 879-881.	9.4	363
39	2017 HRS/EHRA/ECAS/APHRS/SOLAECE expert consensus statement on catheter and surgical ablation of atrial fibrillation: Executive summary. Journal of Arrhythmia, 2017, 33, 369-409.	0.5	348
40	Transcriptional and Cellular Diversity of the Human Heart. Circulation, 2020, 142, 466-482.	1.6	326
41	Protein-altering variants associated with body mass index implicate pathways that control energy intake and expenditure in obesity. Nature Genetics, 2018, 50, 26-41.	9.4	286
42	Identification of heart rateâ€“associated loci and their effects on cardiac conduction and rhythm disorders. Nature Genetics, 2013, 45, 621-631.	9.4	282
43	2019 AHA/ACC/HRS focused update of the 2014 AHA/ACC/HRS guideline for the management of patients with atrial fibrillation. Heart Rhythm, 2019, 16, e66-e93.	0.3	282
44	Ca2+ channel selectivity at a single locus for high-affinity Ca2+ interactions. Neuron, 1995, 15, 1121-1132.	3.8	281
45	Large-scale analyses of common and rare variants identify 12 new loci associated with atrial fibrillation. Nature Genetics, 2017, 49, 946-952.	9.4	279
46	Polygenic background modifies penetrance of monogenic variants for tier 1 genomic conditions. Nature Communications, 2020, 11, 3635.	5.8	277
47	N-Terminal Pro-B-Type Natriuretic Peptide Is a Major Predictor of the Development of Atrial Fibrillation. Circulation, 2009, 120, 1768-1774.	1.6	269
48	Functional expression of a rapidly inactivating neuronal calcium channel. Nature, 1993, 363, 455-458.	13.7	257
49	Association Between Familial Atrial Fibrillation and Risk of New-Onset Atrial Fibrillation. JAMA - Journal of the American Medical Association, 2010, 304, 2263.	3.8	257
50	Relations of Biomarkers of Distinct Pathophysiological Pathways and Atrial Fibrillation Incidence in the Community. Circulation, 2010, 121, 200-207.	1.6	243
51	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
52	Single-Cell Analysis of the Normal Mouse Aorta Reveals Functionally Distinct Endothelial Cell Populations. Circulation, 2019, 140, 147-163.	1.6	231
53	Familial aggregation in lone atrial fibrillation. Human Genetics, 2005, 118, 179-184.	1.8	229
54	Atrial Fibrillation. Circulation, 2011, 124, 1982-1993.	1.6	225

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55	Mutant Desmocollin-2 Causes Arrhythmogenic Right Ventricular Cardiomyopathy. American Journal of Human Genetics, 2006, 79, 1081-1088.	2.6	224
56	In vivo recording of adult zebrafish electrocardiogram and assessment of drug-induced QT prolongation. American Journal of Physiology - Heart and Circulatory Physiology, 2006, 291, H269-H273.	1.5	222
57	European Ancestry as a Risk Factor for Atrial Fibrillation in African Americans. Circulation, 2010, 122, 2009-2015.	1.6	219
58	Locus for Atrial Fibrillation Maps to Chromosome 6q14â€“16. Circulation, 2003, 107, 2880-2883.	1.6	213
59	Structural determinants of the blockade of N-type calcium channels by a peptide neurotoxin. Nature, 1994, 372, 272-275.	13.7	212
60	Use of >100,000 NHLBI Trans-Omics for Precision Medicine (TOPMed) Consortium whole genome sequences improves imputation quality and detection of rare variant associations in admixed African and Hispanic/Latino populations. PLoS Genetics, 2019, 15, e1008500.	1.5	203
61	Programmed Ventricular Stimulation for Risk Stratification in the Brugada Syndrome. Circulation, 2016, 133, 622-630.	1.6	201
62	Molecular determinants of voltage-dependent inactivation in calcium channels. Nature, 1994, 372, 97-100.	13.7	199
63	Molecular cloning of multiple subtypes of a novel rat brain isoform of the Î±1 subunit of the voltage-dependent calcium channel. Neuron, 1991, 7, 35-44.	3.8	197
64	Genetic Predisposition, Clinical Risk Factor Burden, and Lifetime Risk of Atrial Fibrillation. Circulation, 2018, 137, 1027-1038.	1.6	196
65	Large scale replication and meta-analysis of variants on chromosome 4q25 associated with atrial fibrillation. European Heart Journal, 2008, 30, 813-819.	1.0	193
66	Multiple Structural Elements in Voltage-Dependent Ca2+ Channels Support Their Inhibition by G Proteins. Neuron, 1996, 17, 991-1003.	3.8	187
67	Integrating Genetic, Transcriptional, and Functional Analyses to Identify 5 Novel Genes for Atrial Fibrillation. Circulation, 2014, 130, 1225-1235.	1.6	183
68	Identification of a Kir3.4 Mutation in Congenital Long QT Syndrome. American Journal of Human Genetics, 2010, 86, 872-880.	2.6	177
69	Lone Atrial Fibrillation. Journal of the American College of Cardiology, 2014, 63, 1715-1723.	1.2	177
70	Symptoms and Functional Status of Patients With Atrial Fibrillation. Circulation, 2012, 125, 2933-2943.	1.6	175
71	Low Serum Magnesium and the Development of Atrial Fibrillation in the Community. Circulation, 2013, 127, 33-38.	1.6	169
72	Cardiac sodium channel mutation in atrial fibrillation. Heart Rhythm, 2008, 5, 99-105.	0.3	163

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73	Frequency of Cardiac Rhythm Abnormalities in a Half Million Adults. Circulation: Arrhythmia and Electrophysiology, 2018, 11, e006273.	2.1	159
74	Discordant atrial natriuretic peptide and brain natriuretic peptide levels in lone atrial fibrillation. Journal of the American College of Cardiology, 2005, 45, 82-86.	1.2	156
75	Assessing the contribution of rare variants to complex trait heritability from whole-genome sequence data. Nature Genetics, 2022, 54, 263-273.	9.4	156
76	Long-Term Outcomes of Secondary Atrial Fibrillation in the Community. Circulation, 2015, 131, 1648-1655.	1.6	154
77	P-wave duration and the risk of atrial fibrillation: Results from the Copenhagen ECG Study. Heart Rhythm, 2015, 12, 1887-1895.	0.3	152
78	PHACTR1 Is a Genetic Susceptibility Locus for Fibromuscular Dysplasia Supporting Its Complex Genetic Pattern of Inheritance. PLoS Genetics, 2016, 12, e1006367.	1.5	146
79	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
80	Association Between Titin Loss-of-Function Variants and Early-Onset Atrial Fibrillation. JAMA - Journal of the American Medical Association, 2018, 320, 2354.	3.8	144
81	Increasing US Emergency Department Visit Rates and Subsequent Hospital Admissions for Atrial Fibrillation from 1993 to 2004. Annals of Emergency Medicine, 2008, 51, 58-65.	0.3	143
82	Predicting Benefit From Evolocumab Therapy in Patients With Atherosclerotic Disease Using a Genetic Risk Score. Circulation, 2020, 141, 616-623.	1.6	143
83	P Wave Duration and Risk of Longitudinal Atrial Fibrillation in Persons â‰¥60 Years Old (from the) Tj ETQq1 1 0.784314 rgBT /Overlock	0.7	141
84	Analysis of cardiac magnetic resonance imaging in 36,000 individuals yields genetic insights into dilated cardiomyopathy. Nature Communications, 2020, 11, 2254.	5.8	140
85	Outcomes of Medicare Beneficiaries Undergoing Catheter Ablation for Atrial Fibrillation. Circulation, 2012, 126, 2200-2207.	1.6	138
86	Independent Susceptibility Markers for Atrial Fibrillation on Chromosome 4q25. Circulation, 2010, 122, 976-984.	1.6	137
87	Genetic variation in the alternative splicing regulator RBM20 is associated with dilated cardiomyopathy. Heart Rhythm, 2012, 9, 390-396.	0.3	136
88	Identification of six new genetic loci associated with atrial fibrillation in the Japanese population. Nature Genetics, 2017, 49, 953-958.	9.4	136
89	Association of Habitual Alcohol Intake With Risk of Cardiovascular Disease. JAMA Network Open, 2022, 5, e223849.	2.8	136
90	2017 HRS/EHRA/ECAS/APHRS/SOLAECE expert consensus statement on catheter and surgical ablation of atrial fibrillation: Executive summary. Heart Rhythm, 2017, 14, e445-e494.	0.3	135

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91	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
92	Pulmonary vein isolation with complex fractionated atrial electrogram ablation for paroxysmal and nonparoxysmal atrial fibrillation: A meta-analysis. Heart Rhythm, 2011, 8, 994-1000.	0.3	125
93	Novel Chemical Suppressors of Long QT Syndrome Identified by an In Vivo Functional Screen. Circulation, 2011, 123, 23-30.	1.6	124
94	A roadmap to improve the quality of atrial fibrillation management: proceedings from the fifth Atrial Fibrillation Network/European Heart Rhythm Association consensus conference. Europace, 2016, 18, 37-50.	0.7	121
95	Ibrutinib-Mediated Atrial Fibrillation Attributable to Inhibition of C-Terminal Src Kinase. Circulation, 2020, 142, 2443-2455.	1.6	121
96	P Wave Indices. Circulation: Arrhythmia and Electrophysiology, 2009, 2, 72-79.	2.1	115
97	Discovery and validation of sub-threshold genome-wide association study loci using epigenomic signatures. ELife, 2016, 5, .	2.8	115
98	Single-nucleus profiling of human dilated and hypertrophic cardiomyopathy. Nature, 2022, 608, 174-180.	13.7	115
99	Duffy antigen receptor for chemokines (Darc) polymorphism regulates circulating concentrations of monocyte chemoattractant protein-1 and other inflammatory mediators. Blood, 2010, 115, 5289-5299.	0.6	113
100	Atrial Fibrillation in Congestive Heart Failure. Heart Failure Clinics, 2010, 6, 187-200.	1.0	112
101	Risk of atrial fibrillation as a function of the electrocardiographic PR interval: Results from the Copenhagen ECG Study. Heart Rhythm, 2013, 10, 1249-1256.	0.3	110
102	Rapid Cellular Phenotyping of Human Pluripotent Stem Cell-Derived Cardiomyocytes using a Genetically Encoded Fluorescent Voltage Sensor. Stem Cell Reports, 2014, 2, 163-170.	2.3	110
103	Genetics of Atrial Fibrillation in 2020. Circulation Research, 2020, 127, 21-33.	2.0	110
104	P wave duration is associated with cardiovascular and all-cause mortality outcomes: the National Health and Nutrition Examination Survey. Heart Rhythm, 2011, 8, 93-100.	0.3	109
105	Phenotypic Refinement of Heart Failure in a National Biobank Facilitates Genetic Discovery. Circulation, 2019, 139, 489-501.	1.6	109
106	Hematopoietic mosaic chromosomal alterations increase the risk for diverse types of infection. Nature Medicine, 2021, 27, 1012-1024.	15.2	109
107	Prevention of Ventricular Arrhythmias With Sarcoplasmic Reticulum Ca ²⁺ ATPase Pump Overexpression in a Porcine Model of Ischemia Reperfusion. Circulation, 2008, 118, 614-624.	1.6	108
108	Cardiac Sodium Channel Gene Variants and Sudden Cardiac Death in Women. Circulation, 2008, 117, 16-23.	1.6	106

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109	Emerging Directions in the Genetics of Atrial Fibrillation. Circulation Research, 2014, 114, 1469-1482.	2.0	106
110	An HDAC9-MALAT1-BRG1 complex mediates smooth muscle dysfunction in thoracic aortic aneurysm. Nature Communications, 2018, 9, 1009.	5.8	105
111	Variation in the 4q25 Chromosomal Locus Predicts Atrial Fibrillation After Coronary Artery Bypass Graft Surgery. Circulation: Cardiovascular Genetics, 2009, 2, 499-506.	5.1	104
112	Mutation in the S3 segment of KCNQ1 results in familial lone atrial fibrillation. Heart Rhythm, 2009, 6, 1146-1153.	0.3	104
113	Lp(a) (Lipoprotein[a]) Concentrations and Incident Atherosclerotic Cardiovascular Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, 465-474.	1.1	104
114	Genetic association analyses highlight biological pathways underlying mitral valve prolapse. Nature Genetics, 2015, 47, 1206-1211.	9.4	103
115	Galectin 3 and incident atrial fibrillation in the community. American Heart Journal, 2014, 167, 729-734.e1.	1.2	101
116	Plasma microRNAs are associated with atrial fibrillation and change after catheter ablation (the) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 46	0.3	101
117	ROBO4 variants predispose individuals to bicuspid aortic valve and thoracic aortic aneurysm. Nature Genetics, 2019, 51, 42-50.	9.4	101
118	Genetics and Genomics for the Prevention and Treatment of Cardiovascular Disease: Update. Circulation, 2013, 128, 2813-2851.	1.6	100
119	Electrocardiographic PR Interval and Adverse Outcomes in Older Adults. Circulation: Arrhythmia and Electrophysiology, 2013, 6, 84-90.	2.1	99
120	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
121	ECG-Based Deep Learning and Clinical Risk Factors to Predict Atrial Fibrillation. Circulation, 2022, 145, 122-133.	1.6	99
122	Increased incidence of subacute lead perforation noted with one implantable cardioverter-defibrillator. Heart Rhythm, 2007, 4, 439-442.	0.3	98
123	Common Genetic Variants and Response to Atrial Fibrillation Ablation. Circulation: Arrhythmia and Electrophysiology, 2015, 8, 296-302.	2.1	98
124	Electrocardiographic Early Repolarization. Circulation, 2016, 133, 1520-1529.	1.6	97
125	Risk assessment for incident heart failure in individuals with atrial fibrillation. European Journal of Heart Failure, 2013, 15, 843-849.	2.9	96
126	Genetic Obesity and the Risk of Atrial Fibrillation. Circulation, 2017, 135, 741-754.	1.6	96

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127	Human genetic variation alters CRISPR-Cas9 on- and off-targeting specificity at therapeutically implicated loci. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E11257-E11266.	3.3	96
128	MicroRNA-134 as a potential plasma biomarker for the diagnosis of acute pulmonary embolism. Journal of Translational Medicine, 2011, 9, 159.	1.8	95
129	Twelveâ€“Single Nucleotide Polymorphism Genetic Risk Score Identifies Individuals at Increased Risk for Future Atrial Fibrillation and Stroke. Stroke, 2014, 45, 2856-2862.	1.0	95
130	Genetic loci associated with heart rate variability and their effects on cardiac disease risk. Nature Communications, 2017, 8, 15805.	5.8	95
131	Rare truncating variants in the sarcomeric protein titin associate with familial and early-onset atrial fibrillation. Nature Communications, 2018, 9, 4316.	5.8	93
132	Pathological Role of Serum- and Glucocorticoid-Regulated Kinase 1 in Adverse Ventricular Remodeling. Circulation, 2012, 126, 2208-2219.	1.6	91
133	Deep learning enables genetic analysis of the human thoracic aorta. Nature Genetics, 2022, 54, 40-51.	9.4	90
134	Genome-Wide Association Studies of the PR Interval in African Americans. PLoS Genetics, 2011, 7, e1001304.	1.5	88
135	Limitations of Contemporary Guidelines for Managing Patients at High Genetic Risk of Coronary Artery Disease. Journal of the American College of Cardiology, 2020, 75, 2769-2780.	1.2	88
136	Genetic Risk Prediction of Atrial Fibrillation. Circulation, 2017, 135, 1311-1320.	1.6	87
137	Monogenic atrial fibrillation as pathophysiological paradigms. Cardiovascular Research, 2011, 89, 692-700.	1.8	85
138	Relation of Circulating Liver Transaminase Concentrations to Risk of New-Onset Atrial Fibrillation. American Journal of Cardiology, 2013, 111, 219-224.	0.7	85
139	Relation between soluble ST2, growth differentiation factorâ€“15, and high-sensitivity troponin I and incident atrial fibrillation. American Heart Journal, 2014, 167, 109-115.e2.	1.2	85
140	Reduced apelin levels in lone atrial fibrillation. European Heart Journal, 2006, 27, 222-226.	1.0	84
141	The QT interval and risk of incident atrial fibrillation. Heart Rhythm, 2013, 10, 1562-1568.	0.3	84
142	Brain Natriuretic Peptide Predicts Functional Outcome in Ischemic Stroke. Stroke, 2012, 43, 441-445.	1.0	83
143	Genetics of atrial fibrillation: from families to genomes. Journal of Human Genetics, 2016, 61, 61-70.	1.1	83
144	2017 HRS/EHRA/ECAS/APHRS/SOLAECE expert consensus statement on catheter and surgical ablation of atrial fibrillation: executive summary. Journal of Interventional Cardiac Electrophysiology, 2017, 50, 1-55.	0.6	83

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145	Transethnic Genome-Wide Association Study Provides Insights in the Genetic Architecture and Heritability of Long QT Syndrome. Circulation, 2020, 142, 324-338.	1.6	83
146	Impact of segmental left ventricle lead position on cardiac resynchronization therapy outcomes. Heart Rhythm, 2010, 7, 639-644.	0.3	81
147	Association of Sex Hormones, Aging, and Atrial Fibrillation in Men. Circulation: Arrhythmia and Electrophysiology, 2014, 7, 307-312.	2.1	80
148	Relations between circulating microRNAs and atrial fibrillation: Data from the Framingham Offspring Study. Heart Rhythm, 2014, 11, 663-669.	0.3	80
149	Monogenic and Polygenic Contributions to Atrial Fibrillation Risk. Circulation Research, 2020, 126, 200-209.	2.0	79
150	C-Reactive Protein in Lone Atrial Fibrillation. American Journal of Cardiology, 2006, 97, 1346-1350.	0.7	78
151	A Common Connexin-40 Gene Promoter Variant Affects Connexin-40 Expression in Human Atria and Is Associated With Atrial Fibrillation. Circulation: Arrhythmia and Electrophysiology, 2011, 4, 87-93.	2.1	76
152	Primary cilia defects causing mitral valve prolapse. Science Translational Medicine, 2019, 11, .	5.8	76
153	Association of Rare Pathogenic DNA Variants for Familial Hypercholesterolemia, Hereditary Breast and Ovarian Cancer Syndrome, and Lynch Syndrome With Disease Risk in Adults According to Family History. JAMA Network Open, 2020, 3, e203959.	2.8	75
154	Large-Scale Candidate Gene Analysis in Whites and African Americans Identifies IL6R Polymorphism in Relation to Atrial Fibrillation. Circulation: Cardiovascular Genetics, 2011, 4, 557-564.	5.1	74
155	Genetics and Cardiovascular Disease. Circulation, 2012, 126, 142-157.	1.6	74
156	Myocyte Specific Upregulation of ACE2 in Cardiovascular Disease: Implications for SARS-CoV-2 Mediated Myocarditis. Circulation, 2020, 142, 708-710.	1.6	73
157	Relations of Arterial Stiffness and Brachial Flowâ€“Mediated Dilation With New-Onset Atrial Fibrillation. Hypertension, 2016, 68, 590-596.	1.3	72
158	Heritability of Atrial Fibrillation. Circulation: Cardiovascular Genetics, 2017, 10, .	5.1	72
159	PR interval genome-wide association meta-analysis identifies 50 loci associated with atrial and atrioventricular electrical activity. Nature Communications, 2018, 9, 2904.	5.8	71
160	Annotation of loci from genome-wide association studies using tissue-specific quantitative interaction proteomics. Nature Methods, 2014, 11, 868-874.	9.0	70
161	A comparison of the CHARGEâ€“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
162	A high-resolution HLA reference panel capturing global population diversity enables multi-ancestry fine-mapping in HIV host response. Nature Genetics, 2021, 53, 1504-1516.	9.4	69

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163	Genetics of Atrial Fibrillation: State of the Art in 2017. Heart Lung and Circulation, 2017, 26, 894-901.	0.2	68
164	Analysis of rare genetic variation underlying cardiometabolic diseases and traits among 200,000 individuals in the UK Biobank. Nature Genetics, 2022, 54, 240-250.	9.4	68
165	Genome-wide association studies of atrial fibrillation: past, present, and future. Cardiovascular Research, 2011, 89, 701-709.	1.8	66
166	White Blood Cell Count and Risk of Incident Atrial Fibrillation (From the Framingham Heart Study). American Journal of Cardiology, 2012, 109, 533-537.	0.7	66
167	Early-Onset Atrial Fibrillation and the Prevalence of Rare Variants in Cardiomyopathy and Arrhythmia Genes. JAMA Cardiology, 2021, 6, 1371.	3.0	66
168	A novel trafficking-defective HCN4 mutation is associated with early-onset atrial fibrillation. Heart Rhythm, 2014, 11, 1055-1062.	0.3	64
169	Assessment of the Relationship Between Genetic Determinants of Thyroid Function and Atrial Fibrillation. JAMA Cardiology, 2019, 4, 144.	3.0	64
170	Identification of atrial fibrillation associated genes and functional non-coding variants. Nature Communications, 2019, 10, 4755.	5.8	64
171	Genetics of Atrial Fibrillation. Circulation: Arrhythmia and Electrophysiology, 2010, 3, 291-299.	2.1	62
172	Novel Mutation in FLNC (Filamin C) Causes Familial Restrictive Cardiomyopathy. Circulation: Cardiovascular Genetics, 2017, 10, .	5.1	62
173	Atrial Fibrillation Patterns and Risks of Subsequent Stroke, Heart Failure, or Death in the Community. Journal of the American Heart Association, 2013, 2, e000126.	1.6	61
174	Atrial flutter: Clinical risk factors and adverse outcomes in the Framingham Heart Study. Heart Rhythm, 2016, 13, 233-240.	0.3	61
175	The Effect of PCSK9 (Proprotein Convertase Subtilisin/Kexin Type 9) Inhibition on the Risk of Venous Thromboembolism. Circulation, 2020, 141, 1600-1607.	1.6	61
176	Potassium channel gene mutations rarely cause atrial fibrillation. BMC Medical Genetics, 2006, 7, 70.	2.1	60
177	Catheter Ablation of Peri-AV Nodal Atrial Tachycardia from the Noncoronary Cusp of the Aortic Valve. Journal of Cardiovascular Electrophysiology, 2008, 19, 231-237.	0.8	60
178	The Efficacy of Implantable Cardioverter-Defibrillators in Heart Transplant Recipients. Circulation: Heart Failure, 2009, 2, 197-201.	1.6	60
179	Common and Rare Variants in SCN10A Modulate the Risk of Atrial Fibrillation. Circulation: Cardiovascular Genetics, 2015, 8, 64-73.	5.1	59
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