Patrick T Ellinor

List of Publications by Citations

390 papers	39,391 citations	90 h-index	193 g-index
464 ext. papers	52,037 ext. citations	11.9 avg, IF	6.89 L-index

#	Paper	IF	Citations
390	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 Practice Guidelines and the Heart Rhythm Society. *Journal of the American College of Cardiology*, **2014**, 64, e1-76	15.1	2768
389	The mutational constraint spectrum quantified from variation in 141,456 humans. *Nature*, **2020**, 581, 434-443	50.4	2278
388	2014 AHA/ACC/HRS guideline for the management of patients with atrial fibrillation: executive summary: a report of the American College of Cardiology/American Heart Association Task Force on practice guidelines and the Heart Rhythm Society. *Circulation*, **2014**, 130, 2071-104	16.7	1447
387	Genome-wide polygenic scores for common diseases identify individuals with risk equivalent to monogenic mutations. *Nature Genetics*, **2018**, 50, 1219-1224	36.3	1073
386	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	16.7	1020
385	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 practice guidelines and the Heart Rhythm Society. *Circulation*, **2014**, 130, e199-267	16.7	1016
384	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. *Journal of the American College of Cardiology*, **2019**, 74, 104-132	15.1	807
383	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). *Heart Rhythm*, **2011**, 8, 1308-39	6.7	737
382	Development of a risk score for atrial fibrillation (Framingham Heart Study): a community-based cohort study. *Lancet, The*, **2009**, 373, 739-45	40	715
381	50 year trends in atrial fibrillation prevalence, incidence, risk factors, and mortality in the Framingham Heart Study: a cohort study. *Lancet, The*, **2015**, 386, 154-62	40	714
380	Variants conferring risk of atrial fibrillation on chromosome 4q25. *Nature*, **2007**, 448, 353-7	50.4	702
379	Mutations in the desmosomal protein plakophilin-2 are common in arrhythmogenic right ventricular cardiomyopathy. *Nature Genetics*, **2004**, 36, 1162-4	36.3	631
378	Distinctive pharmacology and kinetics of cloned neuronal Ca2+ channels and their possible counterparts in mammalian CNS neurons. *Neuropharmacology*, **1993**, 32, 1075-88	5.5	608
377	Molecular diversity of voltage-dependent Ca2+ channels. *Trends in Pharmacological Sciences*, **1991**, 12, 349-54	13.2	559
376	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, 1077-109	3.9	557
375	Multiancestry genome-wide association study of 520,000 subjects identifies 32 loci associated with stroke and stroke subtypes. *Nature Genetics*, **2018**, 50, 524-537	36.3	536
374	2014 AHA/ACC/HRS Guideline for the Management of Patients With Atrial Fibrillation: Executive Summary. *Journal of the American College of Cardiology*, **2014**, 64, 2246-2280	15.1	505

373	2017 HRS/EHRA/ECAS/APHRS/SOLAECE expert consensus statement on catheter and surgical ablation of atrial fibrillation. *Europace*, **2018**, 20, e1-e160	3.9	461
372	Macrophages Facilitate Electrical Conduction in the Heart. *Cell*, **2017**, 169, 510-522.e20	56.2	438
371	Meta-analysis identifies six new susceptibility loci for atrial fibrillation. *Nature Genetics*, **2012**, 44, 670-5	36.3	429
370	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, 1217-24	15.1	427
369	Simple risk model predicts incidence of atrial fibrillation in a racially and geographically diverse population: the CHARGE-AF consortium. *Journal of the American Heart Association*, **2013**, 2, e000102	6	425
368	Rare and low-frequency coding variants alter human adult height. *Nature*, **2017**, 542, 186-190	50.4	412
367	Prevention of atrial fibrillation: report from a national heart, lung, and blood institute workshop. *Circulation*, **2009**, 119, 606-18	16.7	378
366	Common variants in KCNN3 are associated with lone atrial fibrillation. *Nature Genetics*, **2010**, 42, 240-4	36.3	362
365	Association analyses based on false discovery rate implicate new loci for coronary artery disease. *Nature Genetics*, **2017**, 49, 1385-1391	36.3	361
364	Genome-wide association study of PR interval. *Nature Genetics*, **2010**, 42, 153-9	36.3	340
363	Atrial Fibrillation Begets Heart Failure and Vice Versa: Temporal Associations and Differences in Preserved Versus Reduced Ejection Fraction. *Circulation*, **2016**, 133, 484-92	16.7	337
362	RBM20, a gene for hereditary cardiomyopathy, regulates titin splicing. *Nature Medicine*, **2012**, 18, 766-73	50.5	337
361	Variants in ZFHX3 are associated with atrial fibrillation in individuals of European ancestry. *Nature Genetics*, **2009**, 41, 879-81	36.3	307
360	Pericardial fat is associated with prevalent atrial fibrillation: the Framingham Heart Study. *Circulation: Arrhythmia and Electrophysiology*, **2010**, 3, 345-50	6.4	283
359	Multi-ethnic genome-wide association study for atrial fibrillation. *Nature Genetics*, **2018**, 50, 1225-1233	36.3	277
358	Sequencing of 53,831 diverse genomes from the NHLBI TOPMed Program. *Nature*, **2021**, 590, 290-299	50.4	268
357	Ca2+ channel selectivity at a single locus for high-affinity Ca2+ interactions. *Neuron*, **1995**, 15, 1121-32	13.9	258
356	Functional expression of a rapidly inactivating neuronal calcium channel. *Nature*, **1993**, 363, 455-8	50.4	239

355	N-terminal pro-B-type natriuretic peptide is a major predictor of the development of atrial fibrillation: the Cardiovascular Health Study. *Circulation*, **2009**, 120, 1768-74	16.7	230
354	2017 HRS/EHRA/ECAS/APHRS/SOLAECE expert consensus statement on catheter and surgical ablation of atrial fibrillation: Executive summary. *Europace*, **2018**, 20, 157-208	3.9	227
353	Identification of heart rate-associated loci and their effects on cardiac conduction and rhythm disorders. *Nature Genetics*, **2013**, 45, 621-31	36.3	219
352	Association between familial atrial fibrillation and risk of new-onset atrial fibrillation. *JAMA - Journal of the American Medical Association*, **2010**, 304, 2263-9	27.4	212
351	Relations of biomarkers of distinct pathophysiological pathways and atrial fibrillation incidence in the community. *Circulation*, **2010**, 121, 200-7	16.7	211
350	Familial aggregation in lone atrial fibrillation. *Human Genetics*, **2005**, 118, 179-84	6.3	202
349	Atrial fibrillation: current knowledge and future directions in epidemiology and genomics. *Circulation*, **2011**, 124, 1982-93	16.7	197
348	Mutant desmocollin-2 causes arrhythmogenic right ventricular cardiomyopathy. *American Journal of Human Genetics*, **2006**, 79, 1081-8	11	197
347	Locus for atrial fibrillation maps to chromosome 6q14-16. *Circulation*, **2003**, 107, 2880-3	16.7	197
346	Structural determinants of the blockade of N-type calcium channels by a peptide neurotoxin. *Nature*, **1994**, 372, 272-5	50.4	195
345	Molecular determinants of voltage-dependent inactivation in calcium channels. *Nature*, **1994**, 372, 97-100	50.4	186
344	Protein-altering variants associated with body mass index implicate pathways that control energy intake and expenditure in obesity. *Nature Genetics*, **2018**, 50, 26-41	36.3	186
343	Multiple structural elements in voltage-dependent Ca2+ channels support their inhibition by G proteins. *Neuron*, **1996**, 17, 991-1003	13.9	183
342	Molecular cloning of multiple subtypes of a novel rat brain isoform of the alpha 1 subunit of the voltage-dependent calcium channel. *Neuron*, **1991**, 7, 35-44	13.9	183
341	Large-scale analyses of common and rare variants identify 12 new loci associated with atrial fibrillation. *Nature Genetics*, **2017**, 49, 946-952	36.3	176
340	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. *Heart Rhythm*, **2019**, 16, e66-e93	6.7	176
339	European ancestry as a risk factor for atrial fibrillation in African Americans. *Circulation*, **2010**, 122, 2009-15	16.7	171
338	Large scale replication and meta-analysis of variants on chromosome 4q25 associated with atrial fibrillation. *European Heart Journal*, **2009**, 30, 813-9	9.5	165

337	In vivo recording of adult zebrafish electrocardiogram and assessment of drug-induced QT prolongation. *American Journal of Physiology - Heart and Circulatory Physiology*, **2006**, 291, H269-73	5.2	165
336	Identification of a Kir3.4 mutation in congenital long QT syndrome. *American Journal of Human Genetics*, **2010**, 86, 872-80	11	156
335	Cardiac sodium channel mutation in atrial fibrillation. *Heart Rhythm*, **2008**, 5, 99-105	6.7	150
334	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	1.5	148
333	Integrating genetic, transcriptional, and functional analyses to identify 5 novel genes for atrial fibrillation. *Circulation*, **2014**, 130, 1225-35	16.7	143
332	Genome-wide association and Mendelian randomisation analysis provide insights into the pathogenesis of heart failure. *Nature Communications*, **2020**, 11, 163	17.4	140
331	Programmed Ventricular Stimulation for Risk Stratification in the Brugada Syndrome: A Pooled Analysis. *Circulation*, **2016**, 133, 622-30	16.7	138
330	Discordant atrial natriuretic peptide and brain natriuretic peptide levels in lone atrial fibrillation. *Journal of the American College of Cardiology*, **2005**, 45, 82-6	15.1	135
329	Genetic Predisposition, Clinical Risk Factor Burden, and Lifetime Risk of Atrial Fibrillation. *Circulation*, **2018**, 137, 1027-1038	16.7	133
328	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	2.1	130
327	Low serum magnesium and the development of atrial fibrillation in the community: the Framingham Heart Study. *Circulation*, **2013**, 127, 33-8	16.7	128
326	Inherited causes of clonal haematopoiesis in 97,691 whole genomes. *Nature*, **2020**, 586, 763-768	50.4	127
325	Lone atrial fibrillation: does it exist?. *Journal of the American College of Cardiology*, **2014**, 63, 1715-23	15.1	125
324	Transcriptional and Cellular Diversity of the Human Heart. *Circulation*, **2020**, 142, 466-482	16.7	124
323	COVID-19 tissue atlases reveal SARS-CoV-2 pathology and cellular targets. *Nature*, **2021**, 595, 107-113	50.4	124
322	P wave duration and risk of longitudinal atrial fibrillation in persons ≥60 years old (from the Framingham Heart Study). *American Journal of Cardiology*, **2011**, 107, 917-921.e1	3	118
321	Symptoms and functional status of patients with atrial fibrillation: state of the art and future research opportunities. *Circulation*, **2012**, 125, 2933-43	16.7	118
320	Outcomes of Medicare beneficiaries undergoing catheter ablation for atrial fibrillation. *Circulation*, **2012**, 126, 2200-7	16.7	115

319	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, 1426-33	3.9	112
318	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, The*, **2018**, 361, k1453	5.9	110
317	Independent susceptibility markers for atrial fibrillation on chromosome 4q25. *Circulation*, **2010**, 122, 976-84	16.7	109
316	Genetic variation in the alternative splicing regulator RBM20 is associated with dilated cardiomyopathy. *Heart Rhythm*, **2012**, 9, 390-6	6.7	106
315	Long-term outcomes of secondary atrial fibrillation in the community: the Framingham Heart Study. *Circulation*, **2015**, 131, 1648-55	16.7	105
314	Single-Cell Analysis of the Normal Mouse Aorta Reveals Functionally Distinct Endothelial Cell Populations. *Circulation*, **2019**, 140, 147-163	16.7	104
313	Pulmonary vein isolation with complex fractionated atrial electrogram ablation for paroxysmal and nonparoxysmal atrial fibrillation: A meta-analysis. *Heart Rhythm*, **2011**, 8, 994-1000	6.7	104
312	Novel genetic markers associate with atrial fibrillation risk in Europeans and Japanese. *Journal of the American College of Cardiology*, **2014**, 63, 1200-1210	15.1	102
311	P-wave duration and the risk of atrial fibrillation: Results from the Copenhagen ECG Study. *Heart Rhythm*, **2015**, 12, 1887-95	6.7	99
310	PHACTR1 Is a Genetic Susceptibility Locus for Fibromuscular Dysplasia Supporting Its Complex Genetic Pattern of Inheritance. *PLoS Genetics*, **2016**, 12, e1006367	6	99
309	Novel chemical suppressors of long QT syndrome identified by an in vivo functional screen. *Circulation*, **2011**, 123, 23-30	16.7	98
308	Duffy antigen receptor for chemokines (Darc) polymorphism regulates circulating concentrations of monocyte chemoattractant protein-1 and other inflammatory mediators. *Blood*, **2010**, 115, 5289-99	2.2	96
307	Prevention of ventricular arrhythmias with sarcoplasmic reticulum Ca2+ ATPase pump overexpression in a porcine model of ischemia reperfusion. *Circulation*, **2008**, 118, 614-24	16.7	92
306	P wave indices: current status and future directions in epidemiology, clinical, and research applications. *Circulation: Arrhythmia and Electrophysiology*, **2009**, 2, 72-9	6.4	91
305	Cardiac sodium channel gene variants and sudden cardiac death in women. *Circulation*, **2008**, 117, 16-23	16.7	91
304	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	3.9	90
303	Increased incidence of subacute lead perforation noted with one implantable cardioverter-defibrillator. *Heart Rhythm*, **2007**, 4, 439-42	6.7	90
302	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	6	90

301	Identification of six new genetic loci associated with atrial fibrillation in the Japanese population. *Nature Genetics*, **2017**, 49, 953-958	36.3	89
300	Atrial fibrillation in congestive heart failure. *Heart Failure Clinics*, **2010**, 6, 187-200	3.3	89
299	Emerging directions in the genetics of atrial fibrillation. *Circulation Research*, **2014**, 114, 1469-82	15.7	88
298	Polygenic background modifies penetrance of monogenic variants for tier 1 genomic conditions. *Nature Communications*, **2020**, 11, 3635	17.4	88
297	Galectin 3 and incident atrial fibrillation in the community. *American Heart Journal*, **2014**, 167, 729-34.e1	4.9	83
296	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	6.7	82
295	Genome-wide association studies of the PR interval in African Americans. *PLoS Genetics*, **2011**, 7, e1001304	6	82
294	Mutation in the S3 segment of KCNQ1 results in familial lone atrial fibrillation. *Heart Rhythm*, **2009**, 6, 1146-53	6.7	82
293	Risk of atrial fibrillation as a function of the electrocardiographic PR interval: results from the Copenhagen ECG Study. *Heart Rhythm*, **2013**, 10, 1249-56	6.7	79
292	Variation in the 4q25 chromosomal locus predicts atrial fibrillation after coronary artery bypass graft surgery. *Circulation: Cardiovascular Genetics*, **2009**, 2, 499-506		79
291	Plasma microRNAs are associated with atrial fibrillation and change after catheter ablation (the miRhythm study). *Heart Rhythm*, **2015**, 12, 3-10	6.7	78
290	Genetics and genomics for the prevention and treatment of cardiovascular disease: update: a scientific statement from the American Heart Association. *Circulation*, **2013**, 128, 2813-51	16.7	76
289	MicroRNA-134 as a potential plasma biomarker for the diagnosis of acute pulmonary embolism. *Journal of Translational Medicine*, **2011**, 9, 159	8.5	76
288	Rapid cellular phenotyping of human pluripotent stem cell-derived cardiomyocytes using a genetically encoded fluorescent voltage sensor. *Stem Cell Reports*, **2014**, 2, 163-70	8	75
287	Association Between Titin Loss-of-Function Variants and Early-Onset Atrial Fibrillation. *JAMA - Journal of the American Medical Association*, **2018**, 320, 2354-2364	27.4	75
286	C-Reactive protein in lone atrial fibrillation. *American Journal of Cardiology*, **2006**, 97, 1346-50	3	74
285	Reduced apelin levels in lone atrial fibrillation. *European Heart Journal*, **2006**, 27, 222-6	9.5	73
284	Frequency of Cardiac Rhythm Abnormalities in a Half Million Adults. *Circulation: Arrhythmia and Electrophysiology*, **2018**, 11, e006273	6.4	73

283	An HDAC9-MALAT1-BRG1 complex mediates smooth muscle dysfunction in thoracic aortic aneurysm. *Nature Communications*, **2018**, 9, 1009	17.4	72
282	Twelve-single nucleotide polymorphism genetic risk score identifies individuals at increased risk for future atrial fibrillation and stroke. *Stroke*, **2014**, 45, 2856-2862	6.7	72
281	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	6.7	72
280	Relations between circulating microRNAs and atrial fibrillation: data from the Framingham Offspring Study. *Heart Rhythm*, **2014**, 11, 663-9	6.7	71
279	Blood lipids and the incidence of atrial fibrillation: the Multi-Ethnic Study of Atherosclerosis and the Framingham Heart Study. *Journal of the American Heart Association*, **2014**, 3, e001211	6	71
278	Common genetic variants and response to atrial fibrillation ablation. *Circulation: Arrhythmia and Electrophysiology*, **2015**, 8, 296-302	6.4	70
277	Genetic association analyses highlight biological pathways underlying mitral valve prolapse. *Nature Genetics*, **2015**, 47, 1206-11	36.3	70
276	Electrocardiographic PR interval and adverse outcomes in older adults: the Health, Aging, and Body Composition study. *Circulation: Arrhythmia and Electrophysiology*, **2013**, 6, 84-90	6.4	70
275	Brain natriuretic peptide predicts functional outcome in ischemic stroke. *Stroke*, **2012**, 43, 441-5	6.7	69
274	Impact of segmental left ventricle lead position on cardiac resynchronization therapy outcomes. *Heart Rhythm*, **2010**, 7, 639-44	6.7	68
273	Electrocardiographic Early Repolarization: A Scientific Statement From the American Heart Association. *Circulation*, **2016**, 133, 1520-9	16.7	67
272	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	11.5	66
271	The QT interval and risk of incident atrial fibrillation. *Heart Rhythm*, **2013**, 10, 1562-8	6.7	65
270	Relation of circulating liver transaminase concentrations to risk of new-onset atrial fibrillation. *American Journal of Cardiology*, **2013**, 111, 219-24	3	65
269	Monogenic atrial fibrillation as pathophysiological paradigms. *Cardiovascular Research*, **2011**, 89, 692-700	9.9	65
268	Genetics and cardiovascular disease: a policy statement from the American Heart Association. *Circulation*, **2012**, 126, 142-57	16.7	64
267	Pathological role of serum- and glucocorticoid-regulated kinase 1 in adverse ventricular remodeling. *Circulation*, **2012**, 126, 2208-19	16.7	64
266	Discovery and validation of sub-threshold genome-wide association study loci using epigenomic signatures. *ELife*, **2016**, 5,	8.9	64

265	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	4.9	63
264	Genetic Obesity and the Risk of Atrial Fibrillation: Causal Estimates from Mendelian Randomization. *Circulation*, **2017**, 135, 741-754	16.7	62
263	Association of sex hormones, aging, and atrial fibrillation in men: the Framingham Heart Study. *Circulation: Arrhythmia and Electrophysiology*, **2014**, 7, 307-12	6.4	61
262	Predicting Benefit From Evolocumab Therapy in Patients With Atherosclerotic Disease Using a Genetic Risk Score: Results From the FOURIER Trial. *Circulation*, **2020**, 141, 616-623	16.7	61
261	Risk assessment for incident heart failure in individuals with atrial fibrillation. *European Journal of Heart Failure*, **2013**, 15, 843-9	12.3	60
260	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	2.4	58
259	Rare truncating variants in the sarcomeric protein titin associate with familial and early-onset atrial fibrillation. *Nature Communications*, **2018**, 9, 4316	17.4	58
258	Genetic Risk Prediction of Atrial Fibrillation. *Circulation*, **2017**, 135, 1311-1320	16.7	56
257	ROBO4 variants predispose individuals to bicuspid aortic valve and thoracic aortic aneurysm. *Nature Genetics*, **2019**, 51, 42-50	36.3	56
256	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	6.4	55
255	Large-scale candidate gene analysis in whites and African Americans identifies IL6R polymorphism in relation to atrial fibrillation: the National Heart, Lung, and Blood Institute's Candidate Gene Association Resource (CARe) project. *Circulation: Cardiovascular Genetics*, **2011**, 4, 557-64		54
254	A meta-analysis of genome-wide association studies of the electrocardiographic early repolarization pattern. *Heart Rhythm*, **2012**, 9, 1627-34	6.7	53
253	White blood cell count and risk of incident atrial fibrillation (from the Framingham Heart Study). *American Journal of Cardiology*, **2012**, 109, 533-7	3	53
252	Catheter ablation of peri-AV nodal atrial tachycardia from the noncoronary cusp of the aortic valve. *Journal of Cardiovascular Electrophysiology*, **2008**, 19, 231-7	2.7	53
251	Relations of Arterial Stiffness and Brachial Flow-Mediated Dilation With New-Onset Atrial Fibrillation: The Framingham Heart Study. *Hypertension*, **2016**, 68, 590-6	8.5	52
250	Genome-wide association studies of atrial fibrillation: past, present, and future. *Cardiovascular Research*, **2011**, 89, 701-9	9.9	51
249	Potassium channel gene mutations rarely cause atrial fibrillation. *BMC Medical Genetics*, **2006**, 7, 70	2.1	51
248	Phenotypic Refinement of Heart Failure in a National Biobank Facilitates Genetic Discovery. *Circulation*, **2018**,	16.7	51

247	Genetic loci associated with heart rate variability and their effects on cardiac disease risk. *Nature Communications*, **2017**, 8, 15805	17.4	50
246	Annotation of loci from genome-wide association studies using tissue-specific quantitative interaction proteomics. *Nature Methods*, **2014**, 11, 868-74	21.6	50
245	Genetics of atrial fibrillation: implications for future research directions and personalized medicine. *Circulation: Arrhythmia and Electrophysiology*, **2010**, 3, 291-9	6.4	50
244	Genetics of atrial fibrillation: from families to genomes. *Journal of Human Genetics*, **2016**, 61, 61-70	4.3	49
243	Next steps in cardiovascular disease genomic research--sequencing, epigenetics, and transcriptomics. *Clinical Chemistry*, **2012**, 58, 113-26	5.5	49
242	Myocyte-Specific Upregulation of in Cardiovascular Disease: Implications for SARS-CoV-2-Mediated Myocarditis. *Circulation*, **2020**, 142, 708-710	16.7	47
241	Vitamin D status is not related to development of atrial fibrillation in the community. *American Heart Journal*, **2011**, 162, 538-41	4.9	47
240	Adenosine for wide-complex tachycardia: efficacy and safety. *Critical Care Medicine*, **2009**, 37, 2512-8	1.4	47
239	Atrial flutter: Clinical risk factors and adverse outcomes in the Framingham Heart Study. *Heart Rhythm*, **2016**, 13, 233-40	6.7	46
238	The efficacy of implantable cardioverter-defibrillators in heart transplant recipients: results from a multicenter registry. *Circulation: Heart Failure*, **2009**, 2, 197-201	7.6	46
237	Characterization of cDNA clones encoding two putative isoforms of the alpha 1 subunit of the dihydropyridine-sensitive voltage-dependent calcium channel isolated from rat brain and rat aorta. *FEBS Letters*, **1989**, 250, 386-8	3.8	45
236	A Functional Variant Associated with Atrial Fibrillation Regulates PITX2c Expression through TFAP2a. *American Journal of Human Genetics*, **2016**, 99, 1281-1291	11	43
235	A novel trafficking-defective HCN4 mutation is associated with early-onset atrial fibrillation. *Heart Rhythm*, **2014**, 11, 1055-1062	6.7	43
234	Novel Mutation in (Filamin C) Causes Familial Restrictive Cardiomyopathy. *Circulation: Cardiovascular Genetics*, **2017**, 10,		43
233	Atrial fibrillation in women: treatment. *Nature Reviews Cardiology*, **2017**, 14, 113-124	14.8	43
232	Factors affecting error in integration of electroanatomic mapping with CT and MR imaging during catheter ablation of atrial fibrillation. *Journal of Interventional Cardiac Electrophysiology*, **2006**, 17, 21-7	2.4	43
231	Ibrutinib-Mediated Atrial Fibrillation Attributable to Inhibition of C-Terminal Src Kinase. *Circulation*, **2020**, 142, 2443-2455	16.7	43
230	Genetics of Atrial Fibrillation: State of the Art in 2017. *Heart Lung and Circulation*, **2017**, 26, 894-901	1.8	42

229	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	4.9	42
228	Gene expression and genetic variation in human atria. *Heart Rhythm*, **2014**, 11, 266-71	6.7	42
227	Common and rare variants in SCN10A modulate the risk of atrial fibrillation. *Circulation: Cardiovascular Genetics*, **2015**, 8, 64-73		42
226	Novel loci associated with PR interval in a genome-wide association study of 10 African American cohorts. *Circulation: Cardiovascular Genetics*, **2012**, 5, 639-46		41
225	Analysis of cardiac magnetic resonance imaging in 36,000 individuals yields genetic insights into dilated cardiomyopathy. *Nature Communications*, **2020**, 11, 2254	17.4	40
224	Atrial fibrillation patterns and risks of subsequent stroke, heart failure, or death in the community. *Journal of the American Heart Association*, **2013**, 2, e000126	6	40
223	Primary cilia defects causing mitral valve prolapse. *Science Translational Medicine*, **2019**, 11,	17.5	39
222	Korean Atrial Fibrillation (AF) Network: Genetic Variants for AF Do Not Predict Ablation Success. *Journal of the American Heart Association*, **2015**, 4, e002046	6	39
221	Response to Letter Regarding Article, "Atrial Fibrillation Begets Heart Failure and Vice Versa: Temporal Associations and Differences in Preserved Versus Reduced Ejection Fraction". *Circulation*, **2016**, 133, e692-3	16.7	39
220	PR interval genome-wide association meta-analysis identifies 50 loci associated with atrial and atrioventricular electrical activity. *Nature Communications*, **2018**, 9, 2904	17.4	39
219	Heritability of Atrial Fibrillation. *Circulation: Cardiovascular Genetics*, **2017**, 10,		39
218	Common variation in atrial fibrillation: navigating the path from genetic association to mechanism. *Cardiovascular Research*, **2016**, 109, 493-501	9.9	38
217	Overexpression of KCNN3 results in sudden cardiac death. *Cardiovascular Research*, **2014**, 101, 326-34	9.9	38
216	Genetics of Atrial Fibrillation in 2020: GWAS, Genome Sequencing, Polygenic Risk, and Beyond. *Circulation Research*, **2020**, 127, 21-33	15.7	37
215	Clinical subtypes of lone atrial fibrillation. *PACE - Pacing and Clinical Electrophysiology*, **2005**, 28, 630-8	1.6	37
214	Assessment of the Relationship Between Genetic Determinants of Thyroid Function and Atrial Fibrillation: A Mendelian Randomization Study. *JAMA Cardiology*, **2019**, 4, 144-152	16.2	36
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