

Jonas Bille Nielsen

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.

103 papers	4,733 citations	39 h-index	68 g-index
117 ext. papers	7,272 ext. citations	10.3 avg, IF	4.86 L-index

#	Paper	IF	Citations
103	Association studies of up to 1.2 million individuals yield new insights into the genetic etiology of tobacco and alcohol use. <i>Nature Genetics</i> , 2019 , 51, 237-244	36.3	516
102	Efficiently controlling for case-control imbalance and sample relatedness in large-scale genetic association studies. <i>Nature Genetics</i> , 2018 , 50, 1335-1341	36.3	375
101	Exome-wide association study of plasma lipids in >300,000 individuals. <i>Nature Genetics</i> , 2017 , 49, 1758-1766	36.3	310
100	Shared genetic origin of asthma, hay fever and eczema elucidates allergic disease biology. <i>Nature Genetics</i> , 2017 , 49, 1752-1757	36.3	256
99	Biobank-driven genomic discovery yields new insight into atrial fibrillation biology. <i>Nature Genetics</i> , 2018 , 50, 1234-1239	36.3	254
98	New population-based exome data are questioning the pathogenicity of previously cardiomyopathy-associated genetic variants. <i>European Journal of Human Genetics</i> , 2013 , 21, 918-28	5.3	177
97	Integrating genetic, transcriptional, and functional analyses to identify 5 novel genes for atrial fibrillation. <i>Circulation</i> , 2014 , 130, 1225-35	16.7	143
96	High prevalence of genetic variants previously associated with LQT syndrome in new exome data. <i>European Journal of Human Genetics</i> , 2012 , 20, 905-8	5.3	109
95	High prevalence of long QT syndrome-associated SCN5A variants in patients with early-onset lone atrial fibrillation. <i>Circulation: Cardiovascular Genetics</i> , 2012 , 5, 450-9		103
94	Epilepsy and risk of death and sudden unexpected death in the young: a nationwide study. <i>Epilepsia</i> , 2013 , 54, 1613-20	6.4	102
93	Biological and clinical insights from genetics of insomnia symptoms. <i>Nature Genetics</i> , 2019 , 51, 387-393	36.3	101
92	P-wave duration and the risk of atrial fibrillation: Results from the Copenhagen ECG Study. <i>Heart Rhythm</i> , 2015 , 12, 1887-95	6.7	99
91	Mutations in sodium channel β subunit SCN3B are associated with early-onset lone atrial fibrillation. <i>Cardiovascular Research</i> , 2011 , 89, 786-93	9.9	95
90	J-shaped association between QTc interval duration and the risk of atrial fibrillation: results from the Copenhagen ECG study. <i>Journal of the American College of Cardiology</i> , 2013 , 61, 2557-64	15.1	90
89	Recurrence of arrhythmia following short-term oral AMIODARONE after CATHeter ablation for atrial fibrillation: a double-blind, randomized, placebo-controlled study (AMIO-CAT trial). <i>European Heart Journal</i> , 2014 , 35, 3356-64	9.5	85
88	Exome chip meta-analysis identifies novel loci and East Asian-specific coding variants that contribute to lipid levels and coronary artery disease. <i>Nature Genetics</i> , 2017 , 49, 1722-1730	36.3	83
87	Risk of atrial fibrillation as a function of the electrocardiographic PR interval: results from the Copenhagen ECG Study. <i>Heart Rhythm</i> , 2013 , 10, 1249-56	6.7	79

86	Evidence of a causal relationship between body mass index and psoriasis: A mendelian randomization study. <i>PLoS Medicine</i> , 2019 , 16, e1002739	11.6	77
85	Risk prediction of cardiovascular death based on the QTc interval: evaluating age and gender differences in a large primary care population. <i>European Heart Journal</i> , 2014 , 35, 1335-44	9.5	74
84	Genetic inactivation of ANGPTL4 improves glucose homeostasis and is associated with reduced risk of diabetes. <i>Nature Communications</i> , 2018 , 9, 2252	17.4	71
83	Mutations in the potassium channel subunit KCNE1 are associated with early-onset familial atrial fibrillation. <i>BMC Medical Genetics</i> , 2012 , 13, 24	2.1	67
82	New exome data question the pathogenicity of genetic variants previously associated with catecholaminergic polymorphic ventricular tachycardia. <i>Circulation: Cardiovascular Genetics</i> , 2013 , 6, 481-9		64
81	Genomic and transcriptomic association studies identify 16 novel susceptibility loci for venous thromboembolism. <i>Blood</i> , 2019 , 134, 1645-1657	2.2	63
80	Rare truncating variants in the sarcomeric protein titin associate with familial and early-onset atrial fibrillation. <i>Nature Communications</i> , 2018 , 9, 4316	17.4	58
79	Genome-wide analysis yields new loci associating with aortic valve stenosis. <i>Nature Communications</i> , 2018 , 9, 987	17.4	56
78	Genome-wide Study of Atrial Fibrillation Identifies Seven Risk Loci and Highlights Biological Pathways and Regulatory Elements Involved in Cardiac Development. <i>American Journal of Human Genetics</i> , 2018 , 102, 103-115	11	53
77	Protein-altering and regulatory genetic variants near GATA4 implicated in bicuspid aortic valve. <i>Nature Communications</i> , 2017 , 8, 15481	17.4	52
76	Genetic variation in the two-pore domain potassium channel, TASK-1, may contribute to an atrial substrate for arrhythmogenesis. <i>Journal of Molecular and Cellular Cardiology</i> , 2014 , 67, 69-76	5.8	51
75	Genome-wide association analysis of self-reported daytime sleepiness identifies 42 loci that suggest biological subtypes. <i>Nature Communications</i> , 2019 , 10, 3503	17.4	47
74	Implantable loop recorder detection of atrial fibrillation to prevent stroke (The LOOP Study): a randomised controlled trial. <i>Lancet, The</i> , 2021 , 398, 1507-1516	40	47
73	Rare genetic variants previously associated with congenital forms of long QT syndrome have little or no effect on the QT interval. <i>European Heart Journal</i> , 2015 , 36, 2523-9	9.5	45
72	Common and rare variants in SCN10A modulate the risk of atrial fibrillation. <i>Circulation: Cardiovascular Genetics</i> , 2015 , 8, 64-73		42
71	Scalable generalized linear mixed model for region-based association tests in large biobanks and cohorts. <i>Nature Genetics</i> , 2020 , 52, 634-639	36.3	41
70	Exploring and visualizing large-scale genetic associations by using PheWeb. <i>Nature Genetics</i> , 2020 , 52, 550-552	36.3	41
69	Genetic loci on chromosomes 4q25, 7p31, and 12p12 are associated with onset of lone atrial fibrillation before the age of 40 years. <i>Canadian Journal of Cardiology</i> , 2012 , 28, 191-5	3.8	40

68	Screening of KCNN3 in patients with early-onset lone atrial fibrillation. <i>Europace</i> , 2011 , 13, 963-7	3.9	40
67	A genome-wide association study with 1,126,563 individuals identifies new risk loci for Alzheimer's disease. <i>Nature Genetics</i> , 2021 , 53, 1276-1282	36.3	40
66	Atrial fibrillation detected by continuous electrocardiographic monitoring using implantable loop recorder to prevent stroke in individuals at risk (the LOOP study): Rationale and design of a large randomized controlled trial. <i>American Heart Journal</i> , 2017 , 187, 122-132	4.9	39
65	Comprehensive Evaluation of Rhythm Monitoring Strategies in Screening for Atrial Fibrillation: Insights From Patients at Risk Monitored Long Term With an Implantable Loop Recorder. <i>Circulation</i> , 2020 , 141, 1510-1522	16.7	39
64	Very early-onset lone atrial fibrillation patients have a high prevalence of rare variants in genes previously associated with atrial fibrillation. <i>Heart Rhythm</i> , 2014 , 11, 246-51	6.7	39
63	Common and Rare Variants in SCN10A Modulate the Risk of Atrial Fibrillation. <i>Circulation: Cardiovascular Genetics</i> , 2015 , 8, 64-73		36
62	Electrocardiographic Tpeak-Tend interval and risk of cardiovascular morbidity and mortality: Results from the Copenhagen ECG study. <i>Heart Rhythm</i> , 2016 , 13, 915-24	6.7	25
61	Genetic Architecture of Abdominal Aortic Aneurysm in the Million Veteran Program. <i>Circulation</i> , 2020 , 142, 1633-1646	16.7	24
60	Visit-to-Visit Variability of Hemoglobin A in People Without Diabetes and Risk of Major Adverse Cardiovascular Events and All-Cause Mortality. <i>Diabetes Care</i> , 2019 , 42, 134-141	14.6	24
59	Sex-specific and pleiotropic effects underlying kidney function identified from GWAS meta-analysis. <i>Nature Communications</i> , 2019 , 10, 1847	17.4	22
58	Coding variants in and increase risk of atrial fibrillation. <i>Communications Biology</i> , 2018 , 1, 68	6.7	21
57	Incomplete right bundle branch block: a novel electrocardiographic marker for lone atrial fibrillation. <i>Europace</i> , 2011 , 13, 182-7	3.9	21
56	GWAS of thyroid stimulating hormone highlights pleiotropic effects and inverse association with thyroid cancer. <i>Nature Communications</i> , 2020 , 11, 3981	17.4	21
55	Risk Prediction of Atrial Fibrillation Based on Electrocardiographic Interatrial Block. <i>Journal of the American Heart Association</i> , 2018 , 7,	6	21
54	Numerous Brugada syndrome-associated genetic variants have no effect on J-point elevation, syncope susceptibility, malignant cardiac arrhythmia, and all-cause mortality. <i>Genetics in Medicine</i> , 2017 , 19, 521-528	8.1	20
53	Incidence and predictors of atrial fibrillation episodes as detected by implantable loop recorder in patients at risk: From the LOOP study. <i>American Heart Journal</i> , 2020 , 219, 117-127	4.9	20
52	Electrocardiographic PR Interval Duration and Cardiovascular Risk: Results From the Copenhagen ECG Study. <i>Canadian Journal of Cardiology</i> , 2017 , 33, 674-681	3.8	17
51	Gain-of-function mutations in potassium channel subunit KCNE2 associated with early-onset lone atrial fibrillation. <i>Biomarkers in Medicine</i> , 2014 , 8, 557-70	2.3	17

50	Loss-of-function genomic variants highlight potential therapeutic targets for cardiovascular disease. <i>Nature Communications</i> , 2020 , 11, 6417	17.4	17
49	Effect of diabetes duration on the relationship between glycaemic control and risk of death in older adults with type 2 diabetes. <i>Diabetes, Obesity and Metabolism</i> , 2020 , 22, 231-242	6.7	16
48	Electrocardiographic Preexcitation and Risk of Cardiovascular Morbidity and Mortality: Results From the Copenhagen ECG Study. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2017 , 10,	6.4	15
47	Improving power of association tests using multiple sets of imputed genotypes from distributed reference panels. <i>Genetic Epidemiology</i> , 2017 , 41, 744-755	2.6	13
46	Association Between Heart Rate at Rest and Incident Atrial Fibrillation (from the Copenhagen Electrocardiographic Study). <i>American Journal of Cardiology</i> , 2016 , 118, 708-13	3	13
45	Genetic aspects of lone atrial fibrillation: what do we know?. <i>Current Pharmaceutical Design</i> , 2015 , 21, 667-78	3.3	12
44	Electrocardiographic precordial ST-segment deviations and the risk of cardiovascular death: results from the Copenhagen ECG Study. <i>Journal of the American Heart Association</i> , 2014 , 3, e000549	6	11
43	Age-of-onset information helps identify 76 genetic variants associated with allergic disease. <i>PLoS Genetics</i> , 2020 , 16, e1008725	6	10
42	Left anterior fascicular block and the risk of cardiovascular outcomes. <i>JAMA Internal Medicine</i> , 2014 , 174, 1001-3	11.5	10
41	Thyroid dysfunction and electrocardiographic changes in subjects without arrhythmias: a cross-sectional study of primary healthcare subjects from Copenhagen. <i>BMJ Open</i> , 2019 , 9, e023854	3	8
40	Electrocardiogram Characteristics and Their Association With Psychotropic Drugs Among Patients With Schizophrenia. <i>Schizophrenia Bulletin</i> , 2020 , 46, 354-362	1.3	7
39	Brugada syndrome risk loci seem protective against atrial fibrillation. <i>European Journal of Human Genetics</i> , 2014 , 22, 1357-61	5.3	7
38	Genetic modifier of the QTc interval associated with early-onset atrial fibrillation. <i>Canadian Journal of Cardiology</i> , 2013 , 29, 1234-40	3.8	7
37	Scalable generalized linear mixed model for region-based association tests in large biobanks and cohorts		7
36	Clinical implications of electrocardiographic bundle branch block in primary care. <i>Heart</i> , 2019 , 105, 1160-1167	5.167	6
35	Mitochondrial genome-wide association study of migraine - the HUNT Study. <i>Cephalalgia</i> , 2020 , 40, 625-634	6.34	6
34	The relationship between serum potassium concentrations and electrocardiographic characteristics in 163,547 individuals from primary care. <i>Journal of Electrocardiology</i> , 2019 , 57, 104-111	1.4	6
33	Efficiently controlling for case-control imbalance and sample relatedness in large-scale genetic association studies		6

32	Left ventricular hypertrophy identified by cardiac computed tomography and ECG in hypertensive individuals: a population-based study. <i>Journal of Hypertension</i> , 2019 , 37, 739-746	1.9	6
31	Effects of the coronary artery disease associated LPA and 9p21 loci on risk of aortic valve stenosis. <i>International Journal of Cardiology</i> , 2019 , 276, 212-217	3.2	6
30	Assessment of a causal relationship between body mass index and atopic dermatitis. <i>Journal of Allergy and Clinical Immunology</i> , 2021 , 147, 400-403	11.5	6
29	Comparison of the three-level and the five-level versions of the EQ-5D. <i>European Journal of Health Economics</i> , 2021 , 22, 621-628	3.6	6
28	Association Between ECG Abnormalities and Fatal Cardiovascular Disease Among Patients With and Without Severe Mental Illness. <i>Journal of the American Heart Association</i> , 2021 , 10, e019416	6	6
27	Robust meta-analysis of biobank-based genome-wide association studies with unbalanced binary phenotypes. <i>Genetic Epidemiology</i> , 2019 , 43, 462-476	2.6	5
26	Is disrupted sleep a risk factor for Alzheimer's disease? Evidence from a two-sample Mendelian randomization analysis. <i>International Journal of Epidemiology</i> , 2021 , 50, 817-828	7.8	5
25	Associations between common ECG abnormalities and out-of-hospital cardiac arrest. <i>Open Heart</i> , 2019 , 6, e000905	3	5
24	Role of PR-Interval In Predicting the Occurrence of Atrial Fibrillation. <i>Journal of Atrial Fibrillation</i> , 2013 , 6, 956	0.8	5
23	Genome-wide association study of cardiac troponin I in the general population. <i>Human Molecular Genetics</i> , 2021 , 30, 2027-2039	5.6	5
22	Discovery and systematic characterization of risk variants and genes for coronary artery disease in over a million participants		5
21	A trans-ancestry genome-wide association study of unexplained chronic ALT elevation as a proxy for nonalcoholic fatty liver disease with histological and radiological validation		5
20	Diagnostic accuracy of pace spikes in the electrocardiogram to diagnose paced rhythm. <i>Journal of Electrocardiology</i> , 2015 , 48, 834-9	1.4	4
19	Genome-wide association study of 1 million people identifies 111 loci for atrial fibrillation		4
18	MEPE loss-of-function variant associates with decreased bone mineral density and increased fracture risk. <i>Nature Communications</i> , 2020 , 11, 4093	17.4	4
17	The HUNT Study: a population-based cohort for genetic research		3
16	Variation in Serum PCSK9 (Proprotein Convertase Subtilisin/Kexin Type 9), Cardiovascular Disease Risk, and an Investigation of Potential Unanticipated Effects of PCSK9 Inhibition. <i>Circulation Genomic and Precision Medicine</i> , 2019 , 12, e002335	5.2	3
15	Electrocardiographic T-wave morphology and risk of mortality. <i>International Journal of Cardiology</i> , 2021 , 328, 199-205	3.2	3

14	Evidence of a common causal relationship between body mass index and inflammatory skin disease: a Mendelian Randomization study		2
13	Biological and clinical insights from genetics of insomnia symptoms		2
12	Long-Term Prognostic Value of Less-Stringent Electrocardiographic Q Waves and Fourth Universal Definition of Myocardial Infarction Q Waves. <i>American Journal of Medicine</i> , 2020 , 133, 582-589.e7	2.4	2
11	Association between T-wave discordance and the development of heart failure in left bundle branch block patients: Results from the Copenhagen ECG study. <i>Journal of Electrocardiology</i> , 2019 , 52, 39-45	1.4	2
10	A multiancestry genome-wide association study of unexplained chronic ALT elevation as a proxy for nonalcoholic fatty liver disease with histological and radiological validation. <i>Nature Genetics</i> ,	36.3	2
9	Genetic variants on chromosomes 7p31 and 12p12 are associated with abnormal atrial electrical activation in patients with early-onset lone atrial fibrillation. <i>Annals of Noninvasive Electrocardiology</i> , 2019 , 24, e12661	1.5	1
8	Type 2 diabetes sex-specific effects associated with E167K coding variant in. <i>IScience</i> , 2021 , 24, 103196	6.1	1
7	Chloroquine, but not hydroxychloroquine, prolongs the QT interval in a primary care population		1
6	Genome-wide meta-analysis of iron status biomarkers and the effect of iron on all-cause mortality in HUNT		1
5	Early glycaemic changes after initiation of oral antidiabetic medication and risk of major adverse cardiovascular events: results from a large primary care population of patients with type 2 diabetes. <i>European Heart Journal - Cardiovascular Pharmacotherapy</i> , 2021 , 7, 486-495	6.4	0
4	De novo electrocardiographic abnormalities in persons living with HIV. <i>Scientific Reports</i> , 2021 , 11, 20750	4.9	0
3	Association between vectorcardiographic QRS area and incident heart failure diagnosis and mortality among patients with left bundle branch block: A register-based cohort study. <i>Journal of Electrocardiology</i> , 2021 , 69, 30-35	1.4	0
2	Reply to the Editor--Regarding the Role of Advanced Interatrial Block Pattern as a Predictor of Atrial Fibrillation. <i>Heart Rhythm</i> , 2016 , 13, e87-8	6.7	
1	Monitoring cardiac output during hyperbaric oxygen treatment of haemodynamically unstable patients. <i>Diving and Hyperbaric Medicine</i> , 2013 , 43, 3-8	1	