Jaana A Hartiala

List of Publications by Year
in descending order

60	5,059	117625	138484
papers	citations	34 h-index	58 g-index

60	60	60	11371
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Exome sequencing identifies rare LDLR and APOA5 alleles conferring risk for myocardial infarction. Nature, 2015, 518, 102-106.	27.8	581
2	New gene functions in megakaryopoiesis and platelet formation. Nature, 2011, 480, 201-208.	27.8	401
3	Maternal periconceptional folic acid intake and risk of autism spectrum disorders and developmental delay in the CHARGE (CHildhood Autism Risks from Genetics and Environment) case-control study. American Journal of Clinical Nutrition, 2012, 96, 80-89.	4.7	336
4	Seventy-five genetic loci influencing the human red blood cell. Nature, 2012, 492, 369-375.	27.8	320
5	Trans-ancestry genome-wide association study identifies 12 genetic loci influencing blood pressure and implicates a role for DNA methylation. Nature Genetics, 2015, 47, 1282-1293.	21.4	294
6	Genome-Wide Association Study of Coronary Heart Disease and Its Risk Factors in 8,090 African Americans: The NHLBI CARe Project. PLoS Genetics, 2011, 7, e1001300.	3.5	290
7	Genetic demography of Antioquia (Colombia) and the Central Valley of Costa Rica. Human Genetics, 2003, 112, 534-541.	3.8	160
8	Clinical and Genetic Association of Serum Paraoxonase and Arylesterase Activities With Cardiovascular Risk. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, 2803-2812.	2.4	153
9	A Susceptibility Locus for Migraine with Aura, on Chromosome 4q24. American Journal of Human Genetics, 2002, 70, 652-662.	6.2	146
10	Genomewide Scan for Familial Combined Hyperlipidemia Genes in Finnish Families, Suggesting Multiple Susceptibility Loci Influencing Triglyceride, Cholesterol, and Apolipoprotein B Levels. American Journal of Human Genetics, 1999, 64, 1453-1463.	6.2	137
11	Untargeted metabolomics identifies trimethyllysine, a TMAO-producing nutrient precursor, as a predictor of incident cardiovascular disease risk. JCI Insight, 2018, 3, .	5.0	122
12	Comparative Genome-Wide Association Studies in Mice and Humans for Trimethylamine N -Oxide, a Proatherogenic Metabolite of Choline and <scp>l</scp> -Carnitine. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 1307-1313.	2.4	119
13	Genome-wide analysis highlights contribution of immune system pathways to the genetic architecture of asthma. Nature Communications, 2020, 11, 1776.	12.8	119
14	Transcription Factor 7-Like 2 (TCF7L2) Is Associated With Gestational Diabetes Mellitus and Interacts With Adiposity to Alter Insulin Secretion in Mexican Americans. Diabetes, 2007, 56, 1481-1485.	0.6	118
15	Genome-wide analysis identifies novel susceptibility loci for myocardial infarction. European Heart Journal, 2021, 42, 919-933.	2.2	113
16	Genome-wide association study and targeted metabolomics identifies sex-specific association of CPS1 with coronary artery disease. Nature Communications, 2016, 7, 10558.	12.8	108
17	A loss-of-function variant of PTPN22 is associated with reduced risk of systemic lupus erythematosus. Human Molecular Genetics, 2008, 18, 569-579.	2.9	106
18	Genetic Risk Score and Risk of Myocardial Infarction in Hispanics. Circulation, 2011, 123, 374-380.	1.6	102

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19	Relations between lipoprotein(a) concentrations, LPA genetic variants, and the risk of mortality in patients with established coronary heart disease: a molecular and genetic association study. Lancet Diabetes and Endocrinology,the, 2017, 5, 534-543.	11.4	84
20	Lipoprotein(a) levels and long-term cardiovascular risk in the contemporary era of statin therapy. Journal of Lipid Research, 2010, 51, 3055-3061.	4.2	76
21	Genetically determined NLRP3 inflammasome activation associates with systemic inflammation and cardiovascular mortality. European Heart Journal, 2021, 42, 1742-1756.	2.2	63
22	Association Between the Chromosome 9p21 Locus and Angiographic Coronary Artery Disease Burden. Journal of the American College of Cardiology, 2013, 61, 957-970.	2.8	58
23	The Effect of Montelukast and Low-Dose Theophylline on Cardiovascular Disease Risk Factors in Asthmatics. Chest, 2007, 132, 868-874.	0.8	54
24	Common polymorphisms of ALOX5 and ALOX5AP and risk of coronary artery disease. Human Genetics, 2008, 123, 399-408.	3.8	54
25	Clinical and Genetic Association of Serum Ceruloplasmin With Cardiovascular Risk. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, 516-522.	2.4	54
26	Selected vitamin D metabolic gene variants and risk for autism spectrum disorder in the CHARGE Study. Early Human Development, 2015, 91, 483-489.	1.8	52
27	Ambient Air Pollution Is Associated With the Severity of Coronary Atherosclerosis and Incident Myocardial Infarction in Patients Undergoing Elective Cardiac Evaluation. Journal of the American Heart Association, 2016, 5, .	3.7	51
28	Loss of Cardioprotective Effects at the ADAMTS7 Locus as a Result of Gene-Smoking Interactions. Circulation, 2017, 135, 2336-2353.	1.6	51
29	Evidence of Interaction Between PPARG2 and HNF4A Contributing to Variation in Insulin Sensitivity in Mexican Americans. Diabetes, 2008, 57, 1048-1056.	0.6	45
30	Nutrigenetic association of the 5-lipoxygenase gene with myocardial infarction. American Journal of Clinical Nutrition, 2008, 88, 934-940.	4.7	45
31	Association of serum HDL-cholesterol and apolipoprotein A1 levels with risk of severe SARS-CoV-2 infection. Journal of Lipid Research, 2021, 62, 100061.	4.2	44
32	Genetic contribution of the leukotriene pathway to coronary artery disease. Human Genetics, 2011, 129, 617-627.	3.8	42
33	Association of a Genetic Risk Score With Prevalent and Incident Myocardial Infarction in Subjects Undergoing Coronary Angiography. Circulation: Cardiovascular Genetics, 2012, 5, 441-449.	5.1	40
34	The Genetic Architecture of Coronary Artery Disease: Current Knowledge and Future Opportunities. Current Atherosclerosis Reports, 2017, 19, 6.	4.8	38
35	Identification and characterization of functional risk variants for colorectal cancer mapping to chromosome 11q23.1. Human Molecular Genetics, 2014, 23, 2198-2209.	2.9	36
36	Aspirin Hydrolysis in Plasma Is a Variable Function of Butyrylcholinesterase and Platelet-activating Factor Acetylhydrolase 1b2 (PAFAH1b2). Journal of Biological Chemistry, 2013, 288, 11940-11948.	3.4	34

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37	Additive Effects of Genetic Variation in GCK and G6PC2 on Insulin Secretion and Fasting Glucose. Diabetes, 2009, 58, 2946-2953.	0.6	32
38	ALOX5 gene variants affect eicosanoid production and response to fish oil supplementation. Journal of Lipid Research, 2011, 52, 991-1003.	4.2	31
39	Identification of a Novel Mucin GeneHCG22Associated With Steroid-Induced Ocular Hypertension. , 2015, 56, 2737.		28
40	Impact of Selection Bias on Estimation of Subsequent Event Risk. Circulation: Cardiovascular Genetics, 2017, 10, .	5.1	28
41	A new locus for autosomal dominant amelogenesis imperfecta on chromosome 8q24.3. Human Genetics, 2006, 120, 653-662.	3.8	24
42	Genetic variation in MTNR1B is associated with gestational diabetes mellitus and contributes only to the absolute level of beta cell compensation in Mexican Americans. Diabetologia, 2014, 57, 1391-1399.	6.3	24
43	Genome-wide and gene-centric analyses of circulating myeloperoxidase levels in the charge and care consortia. Human Molecular Genetics, 2013, 22, 3381-3393.	2.9	22
44	Association of Chromosome 9p21 With Subsequent Coronary Heart Disease Events. Circulation Genomic and Precision Medicine, 2019, 12, e002471.	3.6	22
45	Functional analysis of 5-lipoxygenase promoter repeat variants. Human Molecular Genetics, 2009, 18, 4521-4529.	2.9	21
46	The Genetic Landscape of Hematopoietic Stem Cell Frequency in Mice. Stem Cell Reports, 2015, 5, 125-138.	4.8	21
47	Exposure to Nanoscale Particulate Matter from Gestation to Adulthood Impairs Metabolic Homeostasis in Mice. Scientific Reports, 2019, 9, 1816.	3.3	21
48	Genetic Determinants of Circulating Glycine Levels and Risk of Coronary Artery Disease. Journal of the American Heart Association, 2019, 8, e011922.	3.7	20
49	Subsequent Event Risk in Individuals With Established Coronary Heart Disease. Circulation Genomic and Precision Medicine, 2019, 12, e002470.	3.6	17
50	The Genetic Architecture of Hearing Impairment in Mice: Evidence for Frequency-Specific Genetic Determinants. G3: Genes, Genomes, Genetics, 2015, 5, 2329-2339.	1.8	16
51	Association of PLA2G4A with myocardial infarction is modulated by dietary PUFAs. American Journal of Clinical Nutrition, 2012, 95, 959-965.	4.7	14
52	Nonconventional genetic risk factors for cardiovascular disease. Current Atherosclerosis Reports, 2006, 8, 184-192.	4.8	13
53	Evidence for Sex-Specific Associations between Variation in Acid Phosphatase Locus 1 (ACP1) and Insulin Sensitivity in Mexican-Americans. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 4094-4102.	3.6	12
54	Gene-Environment Interactions for Cardiovascular Disease. Current Atherosclerosis Reports, 2021, 23, 75.	4.8	12

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55	Association of Factor V Leiden With Subsequent Atherothrombotic Events. Circulation, 2020, 142, 546-555.	1.6	11
56	A GWAS approach identifies Dapp1 as a determinant of air pollution-induced airway hyperreactivity. PLoS Genetics, 2019, 15, e1008528.	3.5	9
57	Clinical Intervention to Reduce Dietary Sugar Does Not Affect Liver Fat in Latino Youth, Regardless of PNPLA3 Genotype: A Randomized Controlled Trial. Journal of Nutrition, 2022, 152, 1655-1665.	2.9	8
58	Genetic Predisposition to Coronary Artery Disease in Type 2 Diabetes Mellitus. Circulation Genomic and Precision Medicine, 2020, 13, e002769.	3.6	5
59	Genome-Wide Association Analysis Identifies Dcc as an Essential Factor in the Innervation of the Peripheral Vestibular System in Inbred Mice. JARO - Journal of the Association for Research in Otolaryngology, 2016, 17, 417-431.	1.8	2
60	Effect of Omegaâ€3 fatty acid supplementation and ALOX5 promoter variants on Lipid Profiles in Africanâ€Americans. FASEB Journal, 2009, 23, 724.3.	0.5	0