

Anders Hamsten

List of Publications by Year in descending order

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Version: 2024-02-01

115
papers

23,388
citations

50170

46
h-index

29081

104
g-index

118
all docs

118
docs citations

118
times ranked

31850
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic studies of body mass index yield new insights for obesity biology. <i>Nature</i> , 2015, 518, 197-206.	13.7	3,823
2	Discovery and refinement of loci associated with lipid levels. <i>Nature Genetics</i> , 2013, 45, 1274-1283.	9.4	2,641
3	A comprehensive 1000 Genomes-based genome-wide association meta-analysis of coronary artery disease. <i>Nature Genetics</i> , 2015, 47, 1121-1130.	9.4	2,054
4	Defining the role of common variation in the genomic and biological architecture of adult human height. <i>Nature Genetics</i> , 2014, 46, 1173-1186.	9.4	1,818
5	New genetic loci link adipose and insulin biology to body fat distribution. <i>Nature</i> , 2015, 518, 187-196.	13.7	1,328
6	Genetic analysis of over 1 million people identifies 535 new loci associated with blood pressure traits. <i>Nature Genetics</i> , 2018, 50, 1412-1425.	9.4	924
7	Genetic variance estimation with imputed variants finds negligible missing heritability for human height and body mass index. <i>Nature Genetics</i> , 2015, 47, 1114-1120.	9.4	709
8	An Expanded Genome-Wide Association Study of Type 2 Diabetes in Europeans. <i>Diabetes</i> , 2017, 66, 2888-2902.	0.3	615
9	Exome sequencing identifies rare LDLR and APOA5 alleles conferring risk for myocardial infarction. <i>Nature</i> , 2015, 518, 102-106.	13.7	581
10	HMG-coenzyme A reductase inhibition, type 2 diabetes, and bodyweight: evidence from genetic analysis and randomised trials. <i>Lancet, The</i> , 2015, 385, 351-361.	6.3	562
11	Multi-ethnic genome-wide association study for atrial fibrillation. <i>Nature Genetics</i> , 2018, 50, 1225-1233.	9.4	552
12	Association between alcohol and cardiovascular disease: Mendelian randomisation analysis based on individual participant data. <i>BMJ, The</i> , 2014, 349, g4164-g4164.	3.0	528
13	Genetic fine mapping and genomic annotation defines causal mechanisms at type 2 diabetes susceptibility loci. <i>Nature Genetics</i> , 2015, 47, 1415-1425.	9.4	365
14	The genetics of blood pressure regulation and its target organs from association studies in 342,415 individuals. <i>Nature Genetics</i> , 2016, 48, 1171-1184.	9.4	362
15	Impact of common genetic determinants of Hemoglobin A1c on type 2 diabetes risk and diagnosis in ancestrally diverse populations: A transethnic genome-wide meta-analysis. <i>PLoS Medicine</i> , 2017, 14, e1002383.	3.9	341
16	The trans-ancestral genomic architecture of glycemic traits. <i>Nature Genetics</i> , 2021, 53, 840-860.	9.4	341
17	The Influence of Age and Sex on Genetic Associations with Adult Body Size and Shape: A Large-Scale Genome-Wide Interaction Study. <i>PLoS Genetics</i> , 2015, 11, e1005378.	1.5	331
18	Genomic and drug target evaluation of 90 cardiovascular proteins in 30,931 individuals. <i>Nature Metabolism</i> , 2020, 2, 1135-1148.	5.1	327

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19	Genome Analyses of >200,000 Individuals Identify 58 Loci for Chronic Inflammation and Highlight Pathways that Link Inflammation and Complex Disorders. <i>American Journal of Human Genetics</i> , 2018, 103, 691-706.	2.6	326
20	Novel Associations of Multiple Genetic Loci With Plasma Levels of Factor VII, Factor VIII, and von Willebrand Factor. <i>Circulation</i> , 2010, 121, 1382-1392.	1.6	311
21	The impact of low-frequency and rare variants on lipid levels. <i>Nature Genetics</i> , 2015, 47, 589-597.	9.4	310
22	A Common Functional Polymorphism (C->A Substitution at Position -863) in the Promoter Region of the Tumour Necrosis Factor- α (TNF- α) Gene Associated With Reduced Circulating Levels of TNF- α . <i>Human Molecular Genetics</i> , 1999, 8, 1443-1449.	1.4	307
23	Large-scale analyses of common and rare variants identify 12 new loci associated with atrial fibrillation. <i>Nature Genetics</i> , 2017, 49, 946-952.	9.4	279
24	Mapping of 79 loci for 83 plasma protein biomarkers in cardiovascular disease. <i>PLoS Genetics</i> , 2017, 13, e1006706.	1.5	194
25	miR-24 limits aortic vascular inflammation and murine abdominal aneurysm development. <i>Nature Communications</i> , 2014, 5, 5214.	5.8	187
26	Low-frequency and rare exome chip variants associate with fasting glucose and type 2 diabetes susceptibility. <i>Nature Communications</i> , 2015, 6, 5897.	5.8	173
27	Directional dominance on stature and cognition in diverse human populations. <i>Nature</i> , 2015, 523, 459-462.	13.7	173
28	Allele-Specific Regulation of Matrix Metalloproteinase-12 Gene Activity Is Associated With Coronary Artery Luminal Dimensions in Diabetic Patients With Manifest Coronary Artery Disease. <i>Circulation Research</i> , 2000, 86, 998-1003.	2.0	171
29	Genome-wide meta-analysis of 241,258 adults accounting for smoking behaviour identifies novel loci for obesity traits. <i>Nature Communications</i> , 2017, 8, 14977.	5.8	169
30	Circulating Proprotein Convertase Subtilisin/Kexin Type 9 (PCSK9) Predicts Future Risk of Cardiovascular Events Independently of Established Risk Factors. <i>Circulation</i> , 2016, 133, 1230-1239.	1.6	166
31	Lipoprotein Lipase Mass and Activity in Plasma and Their Increase After Heparin Are Separate Parameters With Different Relations to Plasma Lipoproteins. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1995, 15, 1086-1093.	1.1	143
32	GWAS and colocalization analyses implicate carotid intima-media thickness and carotid plaque loci in cardiovascular outcomes. <i>Nature Communications</i> , 2018, 9, 5141.	5.8	119
33	Secretory Phospholipase A2-IIA and Cardiovascular Disease. <i>Journal of the American College of Cardiology</i> , 2013, 62, 1966-1976.	1.2	115
34	Genome-wide association analysis of self-reported events in 6135 individuals and 252 827 controls identifies 8 loci associated with thrombosis. <i>Human Molecular Genetics</i> , 2016, 25, 1867-1874.	1.4	103
35	Genome-wide analysis yields new loci associating with aortic valve stenosis. <i>Nature Communications</i> , 2018, 9, 987.	5.8	91
36	Sex-dimorphic genetic effects and novel loci for fasting glucose and insulin variability. <i>Nature Communications</i> , 2021, 12, 24.	5.8	87

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37	GeneiASE: Detection of condition-dependent and static allele-specific expression from RNA-seq data without haplotype information. <i>Scientific Reports</i> , 2016, 6, 21134.	1.6	79
38	Discovery and Fine-Mapping of Glycaemic and Obesity-Related Trait Loci Using High-Density Imputation. <i>PLoS Genetics</i> , 2015, 11, e1005230.	1.5	77
39	A principal component meta-analysis on multiple anthropometric traits identifies novel loci for body shape. <i>Nature Communications</i> , 2016, 7, 13357.	5.8	74
40	Discovery and refinement of genetic loci associated with cardiometabolic risk using dense imputation maps. <i>Nature Genetics</i> , 2016, 48, 1303-1312.	9.4	66
41	In Vivo Demonstration in Humans That Large Postprandial Triglyceride-Rich Lipoproteins Activate Coagulation Factor VII Through the Intrinsic Coagulation Pathway. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1996, 16, 1333-1339.	1.1	65
42	Accumulation of Apolipoprotein C- ϵ -Rich and Cholesterol-Rich VLDL Remnants During Exaggerated Postprandial Triglyceridemia in Normolipidemic Patients With Coronary Artery Disease. <i>Circulation</i> , 2000, 101, 227-230.	1.6	64
43	Plasma Cholesterol-Induced Lesion Networks Activated before Regression of Early, Mature, and Advanced Atherosclerosis. <i>PLoS Genetics</i> , 2014, 10, e1004201.	1.5	64
44	Phenotypic Modulation of Smooth Muscle Cells in Atherosclerosis Is Associated With Downregulation of <i>LMOD1</i> , <i>SYNPO2</i> , <i>PDLIM7</i> , <i>PLN</i> , and <i>SYNM</i> . <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 1947-1961.	1.1	64
45	Carotid plaque-thickness and common carotid IMT show additive value in cardiovascular risk prediction and reclassification. <i>Atherosclerosis</i> , 2017, 263, 412-419.	0.4	61
46	Rare and low-frequency variants and their association with plasma levels of fibrinogen, FVII, FVIII, and vWF. <i>Blood</i> , 2015, 126, e19-e29.	0.6	55
47	Genetic variation in <i>CADM2</i> as a link between psychological traits and obesity. <i>Scientific Reports</i> , 2019, 9, 7339.	1.6	45
48	Association of <i>TERC</i> and <i>OBFC1</i> Haplotypes with Mean Leukocyte Telomere Length and Risk for Coronary Heart Disease. <i>PLoS ONE</i> , 2013, 8, e83122.	1.1	42
49	The apolipoprotein C1 content of triglyceride-rich lipoproteins independently predicts early atherosclerosis in healthy middle-aged men. <i>Journal of the American College of Cardiology</i> , 2005, 45, 1013-1017.	1.2	41
50	PDGFB, a new candidate plasma biomarker for venous thromboembolism: results from the VEREMA affinity proteomics study. <i>Blood</i> , 2016, 128, e59-e66.	0.6	39
51	Increased Arterial Blood Pressure and Vascular Remodeling in Mice Lacking Salt-Inducible Kinase 1 (<i>SIK1</i>). <i>Circulation Research</i> , 2015, 116, 642-652.	2.0	36
52	Plasma IL-5 concentration and subclinical carotid atherosclerosis. <i>Atherosclerosis</i> , 2015, 239, 125-130.	0.4	36
53	Common Genetic Determinants of Lung Function, Subclinical Atherosclerosis and Risk of Coronary Artery Disease. <i>PLoS ONE</i> , 2014, 9, e104082.	1.1	36
54	Genome-wide association study with additional genetic and post-transcriptional analyses reveals novel regulators of plasma factor XI levels. <i>Human Molecular Genetics</i> , 2017, 26, ddw401.	1.4	35

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55	A genome-wide association study identifies new loci for factor VII and implicates factor VII in ischemic stroke etiology. <i>Blood</i> , 2019, 133, 967-977.	0.6	34
56	Sex-specific Effects of Adiponectin on Carotid Intima-media Thickness and Incident Cardiovascular Disease. <i>Journal of the American Heart Association</i> , 2015, 4, e001853.	1.6	33
57	Genome-wide association study of circulating interleukin 6 levels identifies novel loci. <i>Human Molecular Genetics</i> , 2021, 30, 393-409.	1.4	32
58	GWAS-identified loci for coronary heart disease are associated with intima-media thickness and plaque presence at the carotid artery bulb. <i>Atherosclerosis</i> , 2015, 239, 304-310.	0.4	31
59	Detection of Circulating hcmv-miR-UL112-3p in Patients with Glioblastoma, Rheumatoid Arthritis, Diabetes Mellitus and Healthy Controls. <i>PLoS ONE</i> , 2014, 9, e113740.	1.1	29
60	Relationship of Tissue Factor Pathway Inhibitor Activity to Plasma Lipoproteins and Myocardial Infarction at a Young Age. <i>Thrombosis and Haemostasis</i> , 1994, 71, 707-712.	1.8	29
61	Comparison of HapMap and 1000 Genomes Reference Panels in a Large-Scale Genome-Wide Association Study. <i>PLoS ONE</i> , 2017, 12, e0167742.	1.1	29
62	Plasma autoantibodies against apolipoprotein B-100 peptide 210 in subclinical atherosclerosis. <i>Atherosclerosis</i> , 2014, 232, 242-248.	0.4	27
63	No Association of Coronary Artery Disease with X-Chromosomal Variants in Comprehensive International Meta-Analysis. <i>Scientific Reports</i> , 2016, 6, 35278.	1.6	25
64	Plasma cytokines and risk of coronary heart disease in the PROCARDIS study. <i>Open Heart</i> , 2018, 5, e000807.	0.9	24
65	Relationships of Insulin and Intact and Split Proinsulin to Haemostatic Function in Young Men with and without Coronary Artery Disease. <i>Thrombosis and Haemostasis</i> , 1995, 73, 568-575.	1.8	24
66	Apolipoproteins, Dyslipoproteinaemia and Premature Coronary Heart Disease. <i>Acta Medica Scandinavica</i> , 1988, 223, 389-403.	0.0	23
67	Exome sequencing followed by genotyping suggests SYPL2 as a susceptibility gene for morbid obesity. <i>European Journal of Human Genetics</i> , 2015, 23, 1216-1222.	1.4	21
68	Genetic Determinants of Thrombin Generation and Their Relation to Venous Thrombosis: Results from the GAIT-2 Project. <i>PLoS ONE</i> , 2016, 11, e0146922.	1.1	21
69	Analysis of the Role of Interleukin 6 Receptor Haplotypes in the Regulation of Circulating Levels of Inflammatory Biomarkers and Risk of Coronary Heart Disease. <i>PLoS ONE</i> , 2015, 10, e0119980.	1.1	21
70	Effects of Genetic Loci Associated with Central Obesity on Adipocyte Lipolysis. <i>PLoS ONE</i> , 2016, 11, e0153990.	1.1	19
71	Analysis with the exome array identifies multiple new independent variants in lipid loci. <i>Human Molecular Genetics</i> , 2016, 25, 4094-4106.	1.4	19
72	Influence of coronary artery disease-associated genetic variants on risk of venous thromboembolism. <i>Thrombosis Research</i> , 2014, 134, 426-432.	0.8	18

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73	Toll-Like Receptor 3 Influences Glucose Homeostasis and β -Cell Insulin Secretion. <i>Diabetes</i> , 2015, 64, 3425-3438.	0.3	18
74	The plasma protein profile and cardiovascular risk differ between intima-media thickness of the common carotid artery and the bulb: A meta-analysis and a longitudinal evaluation. <i>Atherosclerosis</i> , 2020, 295, 25-30.	0.4	18
75	Plasma Protein Profile of Carotid Artery Atherosclerosis and Atherosclerotic Outcomes. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 1777-1788.	1.1	18
76	Lim Domain Binding 2. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 2068-2077.	1.1	17
77	Identity-by-descent mapping in a Scandinavian multiple sclerosis cohort. <i>European Journal of Human Genetics</i> , 2015, 23, 688-692.	1.4	17
78	Lack of Salt-Inducible Kinase 2 (SIK2) Prevents the Development of Cardiac Hypertrophy in Response to Chronic High-Salt Intake. <i>PLoS ONE</i> , 2014, 9, e95771.	1.1	16
79	Soluble CD93 Is Involved in Metabolic Dysregulation but Does Not Influence Carotid Intima-Media Thickness. <i>Diabetes</i> , 2016, 65, 2888-2899.	0.3	14
80	DNA Polymorphism Studies. Approaches to Elucidating Multifactorial Ischaemic Heart Disease: the Apo B Gene as an Example. <i>Annals of Medicine</i> , 1992, 24, 349-356.	1.5	12
81	Impaired Glucose and Insulin Metabolism in Borderline Hypertension. <i>Blood Pressure</i> , 1994, 3, 287-294.	0.7	12
82	Genetic loci on chromosome 5 are associated with circulating levels of interleukin-5 and eosinophil count in a European population with high risk for cardiovascular disease. <i>Cytokine</i> , 2016, 81, 1-9.	1.4	12
83	Influence of ABO Locus on PFA-100 Collagen-ADP Closure Time Is Not Totally Dependent on the Von Willebrand Factor. Results of a GWAS on GAIT-2 Project Phenotypes. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3221.	1.8	12
84	A priori-defined Mediterranean-like dietary pattern predicts cardiovascular events better in north Europe than in Mediterranean countries. <i>International Journal of Cardiology</i> , 2019, 282, 88-92.	0.8	11
85	Analysis of the genetic variants associated with circulating levels of sgp130. Results from the IMPROVE study. <i>Genes and Immunity</i> , 2020, 21, 100-108.	2.2	11
86	Transcriptomic profiling of experimental arterial injury reveals new mechanisms and temporal dynamics in vascular healing response. <i>JVS Vascular Science</i> , 2020, 1, 13-27.	0.4	10
87	Duffy antigen receptor genetic variant and the association with Interleukin 8 levels. <i>Cytokine</i> , 2015, 72, 178-184.	1.4	9
88	Alcohol consumption in relation to carotid subclinical atherosclerosis and its progression: results from a European longitudinal multicentre study. <i>European Journal of Nutrition</i> , 2021, 60, 123-134.	1.8	9
89	Profiles of histidine-rich glycoprotein associate with age and risk of all-cause mortality. <i>Life Science Alliance</i> , 2020, 3, e202000817.	1.3	9
90	Circulating immune complexes induced by food proteins implicated in precocious myocardial infarction. <i>Annals of Medicine</i> , 2001, 33, 103-112.	1.5	8

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91	No Evidence for Genome-Wide Interactions on Plasma Fibrinogen by Smoking, Alcohol Consumption and Body Mass Index: Results from Meta-Analyses of 80,607 Subjects. <i>PLoS ONE</i> , 2014, 9, e111156.	1.1	8
92	Human Genetic Evidence for Involvement of CD137 in Atherosclerosis. <i>Molecular Medicine</i> , 2014, 20, 456-465.	1.9	8
93	Autoantibodies against basement membrane collagen type IV are associated with myocardial infarction. <i>IJC Heart and Vasculature</i> , 2015, 6, 42-47.	0.6	8
94	The overlap of genetic susceptibility to schizophrenia and cardiometabolic disease can be used to identify metabolically different groups of individuals. <i>Scientific Reports</i> , 2021, 11, 632.	1.6	8
95	Discovering Genetic Interactions in Large-Scale Association Studies by Stage-wise Likelihood Ratio Tests. <i>PLoS Genetics</i> , 2015, 11, e1005502.	1.5	7
96	Association of lifelong occupation and educational level with subclinical atherosclerosis in different European regions. Results from the IMPROVE study. <i>Atherosclerosis</i> , 2018, 269, 129-137.	0.4	7
97	Genetic Predisposition to Coronary Artery Disease in Type 2 Diabetes Mellitus. <i>Circulation Genomic and Precision Medicine</i> , 2020, 13, e002769.	1.6	5
98	Identification of a novel proinsulin-associated SNP and demonstration that proinsulin is unlikely to be a causal factor in subclinical vascular remodelling using Mendelian randomisation. <i>Atherosclerosis</i> , 2017, 266, 196-204.	0.4	3
99	Auxilin is a novel susceptibility gene for congenital heart block which directly impacts fetal heart function. <i>Annals of the Rheumatic Diseases</i> , 2022, 81, 1151-1161.	0.5	3
100	The Susceptibility of Low Density Lipoprotein to Chemical Oxidation is Closely Related to Proneness to Biological Modification. <i>Free Radical Research</i> , 1995, 23, 581-592.	1.5	1
101	Fast and general tests of genetic interaction for genome-wide association studies. <i>PLoS Computational Biology</i> , 2017, 13, e1005556.	1.5	1
102	Intake of food rich in saturated fat in relation to subclinical atherosclerosis and potential modulating effects from single genetic variants. <i>Scientific Reports</i> , 2021, 11, 7866.	1.6	1
103	FGL1 as a modulator of plasma D-dimer levels: Exome-wide marker analysis of plasma tPA, PAI-1, and D-dimer. <i>Journal of Thrombosis and Haemostasis</i> , 2021, 19, 2019-2028.	1.9	1
104	Identification of novel genetic risk loci determine fetal outcome in congenital heart block. <i>Annals of the Rheumatic Diseases</i> , 2012, 71, A60.2-A60.	0.5	0
105	Data on the association between a simplified Mediterranean diet score and the incidence of combined, cardio and cerebro vascular events. <i>Data in Brief</i> , 2019, 23, 103789.	0.5	0
106	Abstract 284: microRNAs are Novel Plasma Biomarkers for Diagnosis and Prognosis of Abdominal Aortic Aneurysm Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, .	1.1	0
107	Abstract 267: CD93: A Novel Myocardial Infarction- Associated Protein with Glucose Regulatory Properties in Humans and Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, .	1.1	0
108	Abstract 318: Matrix Metalloproteinase 12 is Causally Implicated in Cardiovascular Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, .	1.1	0

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109	Abstract 636: Accelerated Atherosclerosis in the Context of Rheumatoid Arthritis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, .	1.1	0
110	Abstract 173: Proprotein Convertase Subtilisin/Kexin Type 6 is a Key Protease in the Control of Smooth Muscle Cell Function in Vascular Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, .	1.1	0
111	Abstract 564: Influence of Coronary Artery Disease-Associated Genetic Variants on Risk of Venous Thromboembolism. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, .	1.1	0
112	Abstract 129: Investigation of Atherosclerosis in Association with Arthritic Inflammation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, .	1.1	0
113	Abstract 467: PCSK6 Is Upregulated in Vascular Diseases Characterized by Inflammation and Smooth Muscle Cell Proliferation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, .	1.1	0
114	Abstract 367: Pcsk6 Is a Key Protease Modulating Smooth Muscle Cell Activation in Vascular Remodeling and Plaque Vulnerability. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, .	1.1	0
115	Abstract 150: Identification of SYNPO2, SYNM, LMOD1, PDLIM7 and PLN as Novel Markers of Smooth Muscle Cells in Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, .	1.1	0