Anders Hamsten

List of Publications by Year
in descending order

115 papers	23,388 citations	50276 46 h-index	29157 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. Nature, 2015, 518, 197-206.	27.8	3,823
2	Discovery and refinement of loci associated with lipid levels. Nature Genetics, 2013, 45, 1274-1283.	21.4	2,641
3	A comprehensive 1000 Genomes–based genome-wide association meta-analysis of coronary artery disease. Nature Genetics, 2015, 47, 1121-1130.	21.4	2,054
4	Defining the role of common variation in the genomic and biological architecture of adult human height. Nature Genetics, 2014, 46, 1173-1186.	21.4	1,818
5	New genetic loci link adipose and insulin biology to body fat distribution. Nature, 2015, 518, 187-196.	27.8	1,328
6	Genetic analysis of over 1 million people identifies 535 new loci associated with blood pressure traits. Nature Genetics, 2018, 50, 1412-1425.	21.4	924
7	Genetic variance estimation with imputed variants finds negligible missing heritability for human height and body mass index. Nature Genetics, 2015, 47, 1114-1120.	21.4	709
8	An Expanded Genome-Wide Association Study of Type 2 Diabetes in Europeans. Diabetes, 2017, 66, 2888-2902.	0.6	615
9	Exome sequencing identifies rare LDLR and APOA5 alleles conferring risk for myocardial infarction. Nature, 2015, 518, 102-106.	27.8	581
10	HMG-coenzyme A reductase inhibition, type 2 diabetes, and bodyweight: evidence from genetic analysis and randomised trials. Lancet, The, 2015, 385, 351-361.	13.7	562
11	Multi-ethnic genome-wide association study for atrial fibrillation. Nature Genetics, 2018, 50, 1225-1233.	21.4	552
12	Association between alcohol and cardiovascular disease: Mendelian randomisation analysis based on individual participant data. BMJ, The, 2014, 349, g4164-g4164.	6.0	528
13	Genetic fine mapping and genomic annotation defines causal mechanisms at type 2 diabetes susceptibility loci. Nature Genetics, 2015, 47, 1415-1425.	21.4	365
14	The genetics of blood pressure regulation and its target organs from association studies in 342,415 individuals. Nature Genetics, 2016, 48, 1171-1184.	21.4	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. PLoS Medicine, 2017, 14, e1002383.	8.4	341
16	The trans-ancestral genomic architecture of glycemic traits. Nature Genetics, 2021, 53, 840-860.	21.4	341
17	The Influence of Age and Sex on Genetic Associations with Adult Body Size and Shape: A Large-Scale Genome-Wide Interaction Study. PLoS Genetics, 2015, 11, e1005378.	3.5	331
18	Genomic and drug target evaluation of 90 cardiovascular proteins in 30,931 individuals. Nature Metabolism, 2020, 2, 1135-1148.	11.9	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. American Journal of Human Genetics, 2018, 103, 691-706.	6.2	326
20	Novel Associations of Multiple Genetic Loci With Plasma Levels of Factor VII, Factor VIII, and von Willebrand Factor. Circulation, 2010, 121, 1382-1392.	1.6	311
21	The impact of low-frequency and rare variants on lipid levels. Nature Genetics, 2015, 47, 589-597.	21.4	310
22	A Common Functional Polymorphism (C->A Substitution at Position -863) in the Promoter Region of the Tumour Necrosis Factor-Â (TNF-Â) Gene Associated With Reduced Circulating Levels of TNF-Â. Human Molecular Genetics, 1999, 8, 1443-1449.	2.9	307
23	Large-scale analyses of common and rare variants identify 12 new loci associated with atrial fibrillation. Nature Genetics, 2017, 49, 946-952.	21.4	279
24	Mapping of 79 loci for 83 plasma protein biomarkers in cardiovascular disease. PLoS Genetics, 2017, 13, e1006706.	3.5	194
25	miR-24 limits aortic vascular inflammation and murine abdominal aneurysm development. Nature Communications, 2014, 5, 5214.	12.8	187
26	Low-frequency and rare exome chip variants associate with fasting glucose and type 2 diabetes susceptibility. Nature Communications, 2015, 6, 5897.	12.8	173
27	Directional dominance on stature and cognition inÂdiverse human populations. Nature, 2015, 523, 459-462.	27.8	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. Circulation Research, 2000, 86, 998-1003.	4.5	171
29	Genome-wide meta-analysis of 241,258 adults accounting for smoking behaviour identifies novel loci for obesity traits. Nature Communications, 2017, 8, 14977.	12.8	169
30	Circulating Proprotein Convertase Subtilisin/Kexin Type 9 (PCSK9) Predicts Future Risk of Cardiovascular Events Independently of Established Risk Factors. Circulation, 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. Arteriosclerosis, Thrombosis, and Vascular Biology, 1995, 15, 1086-1093.	2.4	143
32	GWAS and colocalization analyses implicate carotid intima-media thickness and carotid plaque loci in cardiovascular outcomes. Nature Communications, 2018, 9, 5141.	12.8	119
33	Secretory Phospholipase A2-IIA and Cardiovascular Disease. Journal of the American College of Cardiology, 2013, 62, 1966-1976.	2.8	115
34	Genome-wide association analysis of self-reported events in 6135 individuals and 252 827 controls identifies 8 loci associated with thrombosis. Human Molecular Genetics, 2016, 25, 1867-1874.	2.9	103
35	Genome-wide analysis yields new loci associating with aortic valve stenosis. Nature Communications, 2018, 9, 987.	12.8	91
36	Sex-dimorphic genetic effects and novel loci for fasting glucose and insulin variability. Nature Communications, 2021, 12, 24.	12.8	87

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37	GeneiASE: Detection of condition-dependent and static allele-specific expression from RNA-seq data without haplotype information. Scientific Reports, 2016, 6, 21134.	3.3	79
38	Discovery and Fine-Mapping of Glycaemic and Obesity-Related Trait Loci Using High-Density Imputation. PLoS Genetics, 2015, 11, e1005230.	3.5	77
39	A principal component meta-analysis on multiple anthropometric traits identifies novel loci for body shape. Nature Communications, 2016, 7, 13357.	12.8	74
40	Discovery and refinement of genetic loci associated with cardiometabolic risk using dense imputation maps. Nature Genetics, 2016, 48, 1303-1312.	21.4	66
41	In Vivo Demonstration in Humans That Large Postprandial Triglyceride-Rich Lipoproteins Activate Coagulation Factor VII Through the Intrinsic Coagulation Pathway. Arteriosclerosis, Thrombosis, and Vascular Biology, 1996, 16, 1333-1339.	2.4	65
42	Accumulation of Apolipoprotein C-Iâ€"Rich and Cholesterol-Rich VLDL Remnants During Exaggerated Postprandial Triglyceridemia in Normolipidemic Patients With Coronary Artery Disease. Circulation, 2000, 101, 227-230.	1.6	64
43	Plasma Cholesterolâ€"Induced Lesion Networks Activated before Regression of Early, Mature, and Advanced Atherosclerosis. PLoS Genetics, 2014, 10, e1004201.	3.5	64
44	Phenotypic Modulation of Smooth Muscle Cells in Atherosclerosis Is Associated With Downregulation of <i>LMOD1, SYNPO2, PDLIM7, PLN</i> , and <i>SYNM</i>. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 1947-1961.	2.4	64
45	Carotid plaque-thickness and common carotid IMT show additive value in cardiovascular risk prediction and reclassification. Atherosclerosis, 2017, 263, 412-419.	0.8	61
46	Rare and low-frequency variants and their association with plasma levels of fibrinogen, FVII, FVIII, and vWF. Blood, 2015, 126, e19-e29.	1.4	55
47	Genetic variation in CADM2 as a link between psychological traits and obesity. Scientific Reports, 2019, 9, 7339.	3.3	45
48	Association of TERC and OBFC1 Haplotypes with Mean Leukocyte Telomere Length and Risk for Coronary Heart Disease. PLoS ONE, 2013, 8, e83122.	2.5	42
49	The apolipoprotein CI content of triglyceride-rich lipoproteins independently predicts early atherosclerosis in healthy middle-aged men. Journal of the American College of Cardiology, 2005, 45, 1013-1017.	2.8	41
50	PDGFB, a new candidate plasma biomarker for venous thromboembolism: results from the VEREMA affinity proteomics study. Blood, 2016, 128, e59-e66.	1.4	39
51	Increased Arterial Blood Pressure and Vascular Remodeling in Mice Lacking Salt-Inducible Kinase 1 (SIK1). Circulation Research, 2015, 116, 642-652.	4.5	36
52	Plasma IL-5 concentration and subclinical carotid atherosclerosis. Atherosclerosis, 2015, 239, 125-130.	0.8	36
53	Common Genetic Determinants of Lung Function, Subclinical Atherosclerosis and Risk of Coronary Artery Disease. PLoS ONE, 2014, 9, e104082.	2.5	36
54	Genome-wide association study with additional genetic and post-transcriptional analyses reveals novel regulators of plasma factor XI levels. Human Molecular Genetics, 2017, 26, ddw401.	2.9	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. Blood, 2019, 133, 967-977.	1.4	34
56	Sexâ€Specific Effects of Adiponectin on Carotid Intimaâ€Media Thickness and Incident Cardiovascular Disease. Journal of the American Heart Association, 2015, 4, e001853.	3.7	33
57	Genome-wide association study of circulating interleukin 6 levels identifies novel loci. Human Molecular Genetics, 2021, 30, 393-409.	2.9	32
58	GWAS-identified loci for coronary heart disease are associated with intima-media thickness and plaque presence at the carotid artery bulb. Atherosclerosis, 2015, 239, 304-310.	0.8	31
59	Detection of Circulating hcmv-miR-UL112-3p in Patients with Glioblastoma, Rheumatoid Arthritis, Diabetes Mellitus and Healthy Controls. PLoS ONE, 2014, 9, e113740.	2.5	29
60	Relationship of Tissue Factor Pathway Inhibitor Activity to Plasma Lipoproteins and Myocardial Infarction at a Young Age. Thrombosis and Haemostasis, 1994, 71, 707-712.	3.4	29
61	Comparison of HapMap and 1000 Genomes Reference Panels in a Large-Scale Genome-Wide Association Study. PLoS ONE, 2017, 12, e0167742.	2.5	29
62	Plasma autoantibodies against apolipoprotein B-100 peptide 210 in subclinical atherosclerosis. Atherosclerosis, 2014, 232, 242-248.	0.8	27
63	No Association of Coronary Artery Disease with X-Chromosomal Variants in Comprehensive International Meta-Analysis. Scientific Reports, 2016, 6, 35278.	3.3	25
64	Plasma cytokines and risk of coronary heart disease in the PROCARDIS study. Open Heart, 2018, 5, e000807.	2.3	24
65	Relationships of Insulin and Intact and Split Proinsulin to Haemostatic Function in Young Men with and without Coronary Artery Disease. Thrombosis and Haemostasis, 1995, 73, 568-575.	3.4	24
66	Apolipoproteins, Dyslipoproteinaemia and Premature Coronary Heart Disease. Acta Medica Scandinavica, 1988, 223, 389-403.	0.0	23
67	Exome sequencing followed by genotyping suggests SYPL2 as a susceptibility gene for morbid obesity. European Journal of Human Genetics, 2015, 23, 1216-1222.	2.8	21
68	Genetic Determinants of Thrombin Generation and Their Relation to Venous Thrombosis: Results from the GAIT-2 Project. PLoS ONE, 2016, 11, e0146922.	2.5	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. PLoS ONE, 2015, 10, e0119980.	2.5	21
70	Effects of Genetic Loci Associated with Central Obesity on Adipocyte Lipolysis. PLoS ONE, 2016, 11, e0153990.	2.5	19
71	Analysis with the exome array identifies multiple new independent variants in lipid loci. Human Molecular Genetics, 2016, 25, 4094-4106.	2.9	19
72	Influence of coronary artery disease-associated genetic variants on risk of venous thromboembolism. Thrombosis Research, 2014, 134, 426-432.	1.7	18

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73	Toll-Like Receptor 3 Influences Glucose Homeostasis and Î²-Cell Insulin Secretion. Diabetes, 2015, 64, 3425-3438.	0.6	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. Atherosclerosis, 2020, 295, 25-30.	0.8	18
75	Plasma Protein Profile of Carotid Artery Atherosclerosis and Atherosclerotic Outcomes. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, 1777-1788.	2.4	18
76	Lim Domain Binding 2. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 2068-2077.	2.4	17
77	Identity-by-descent mapping in a Scandinavian multiple sclerosis cohort. European Journal of Human Genetics, 2015, 23, 688-692.	2.8	17
78	Lack of Salt-Inducible Kinase 2 (SIK2) Prevents the Development of Cardiac Hypertrophy in Response to Chronic High-Salt Intake. PLoS ONE, 2014, 9, e95771.	2.5	16
79	Soluble CD93 Is Involved in Metabolic Dysregulation but Does Not Influence Carotid Intima-Media Thickness. Diabetes, 2016, 65, 2888-2899.	0.6	14
80	DNA Polymorphism Studies. Approaches to Elucidating Multifactorial Ischaemic Heart Disease: the Apo B Gene as an Example. Annals of Medicine, 1992, 24, 349-356.	3.8	12
81	Impaired Glucose and Insulin Metabolism in Borderline Hypertension. Blood Pressure, 1994, 3, 287-294.	1.5	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. Cytokine, 2016, 81, 1-9.	3.2	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. International Journal of Molecular Sciences, 2019, 20, 3221.	4.1	12
84	A priori-defined Mediterranean-like dietary pattern predicts cardiovascular events better in north Europe than in Mediterranean countries. International Journal of Cardiology, 2019, 282, 88-92.	1.7	11
85	Analysis of the genetic variants associated with circulating levels of sgp130. Results from the IMPROVE study. Genes and Immunity, 2020, 21, 100-108.	4.1	11
86	Transcriptomic profiling of experimental arterial injury reveals new mechanisms and temporal dynamics in vascular healing response. JVS Vascular Science, 2020, 1, 13-27.	1.1	10
87	Duffy antigen receptor genetic variant and the association with Interleukin 8 levels. Cytokine, 2015, 72, 178-184.	3.2	9
88	Alcohol consumption in relation to carotid subclinical atherosclerosis and its progression: results from a European longitudinal multicentre study. European Journal of Nutrition, 2021, 60, 123-134.	3.9	9
89	Profiles of histidine-rich glycoprotein associate with age and risk of all-cause mortality. Life Science Alliance, 2020, 3, e202000817.	2.8	9
90	Circulating immune complexes induced by food proteins implicated in precocious myocardial infarction. Annals of Medicine, 2001, 33, 103-112.	3.8	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. PLoS ONE, 2014, 9, e111156.	2.5	8
92	Human Genetic Evidence for Involvement of CD137 in Atherosclerosis. Molecular Medicine, 2014, 20, 456-465.	4.4	8
93	Autoantibodies against basement membrane collagen type IV are associated with myocardial infarction. IJC Heart and Vasculature, 2015, 6, 42-47.	1.1	8
94	The overlap of genetic susceptibility to schizophrenia and cardiometabolic disease can be used to identify metabolically different groups of individuals. Scientific Reports, 2021, 11, 632.	3.3	8
95	Discovering Genetic Interactions in Large-Scale Association Studies by Stage-wise Likelihood Ratio Tests. PLoS Genetics, 2015, 11, e1005502.	3.5	7
96	Association of lifelong occupation and educational level with subclinical atherosclerosis in different European regions. Results fromÂthe IMPROVE study. Atherosclerosis, 2018, 269, 129-137.	0.8	7
97	Genetic Predisposition to Coronary Artery Disease in Type 2 Diabetes Mellitus. Circulation Genomic and Precision Medicine, 2020, 13, e002769.	3.6	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. Atherosclerosis, 2017, 266, 196-204.	0.8	3
99	Auxilin is a novel susceptibility gene for congenital heart block which directly impacts fetal heart function. Annals of the Rheumatic Diseases, 2022, 81, 1151-1161.	0.9	3
100	The Susceptibility of Low Density Lipoprotein to Chemical Oxidation is Closely Related to Proneness to Biological Modification. Free Radical Research, 1995, 23, 581-592.	3.3	1
101	Fast and general tests of genetic interaction for genome-wide association studies. PLoS Computational Biology, 2017, 13, e1005556.	3.2	1
102	Intake of food rich in saturated fat in relation to subclinical atherosclerosis and potential modulating effects from single genetic variants. Scientific Reports, 2021, 11, 7866.	3.3	1
103	FGL1 as a modulator of plasma Dâ€dimer levels: Exomeâ€wide marker analysis of plasma tPA, PAIâ€1, and Dâ€dimer. Journal of Thrombosis and Haemostasis, 2021, 19, 2019-2028.	3.8	1
104	Identification of novel genetic risk loci determine fetal outcome in congenital heart block. Annals of the Rheumatic Diseases, 2012, 71, A60.2-A60.	0.9	0
105	Data on the association between a simplified Mediterranean diet score and the incidence of combined, cardio and cerebro vascular events. Data in Brief, 2019, 23, 103789.	1.0	0
106	Abstract 284: microRNAs are Novel Plasma Biomarkers for Diagnosis and Prognosis of Abdominal Aortic Aneurysm Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, .	2.4	0
107	Abstract 267: CD93: A Novel Myocardial Infarction- Associated Protein with Glucose Regulatory Properties in Humans and Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, .	2.4	0
108	Abstract 318: Matrix Metalloproteinase 12 is Causally Implicated in Cardiovascular Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, .	2.4	0

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109	Abstract 636: Accelerated Atherosclerosis in the Context of Rheumatoid Arthritis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, .	2.4	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, .	2.4	0
111	Abstract 564: Influence of Coronary Artery Disease-Associated Genetic Variants on Risk of Venous Thromboembolism. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, .	2.4	0
112	Abstract 129: Investigation of Atherosclerosis in Association with Arthritic Inflammation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, .	2.4	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, .	2.4	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, .	2.4	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, .	2.4	0