Lasse Folkersen

List of Publications by Year
in descending order

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Version: 2024-02-01

113	15,674	76326	34986
papers	citations	40 h-index	98 g-index

132	132	132	28244
all docs	docs citations	times ranked	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	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
3	Large-scale association analysis identifies new risk loci for coronary artery disease. Nature Genetics, 2013, 45, 25-33.	21.4	1,439
4	New genetic loci link adipose and insulin biology to body fat distribution. Nature, 2015, 518, 187-196.	27.8	1,328
5	Large-scale association analyses identify new loci influencing glycemic traits and provide insight into the underlying biological pathways. Nature Genetics, 2012, 44, 991-1005.	21.4	746
6	Association between alcohol and cardiovascular disease: Mendelian randomisation analysis based on individual participant data. BMJ, The, 2014, 349, g4164-g4164.	6.0	528
7	CD49a Expression Defines Tissue-Resident CD8 + T Cells Poised for Cytotoxic Function in Human Skin. Immunity, 2017, 46, 287-300.	14.3	465
8	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
9	Genome-Wide Association Identifies Nine Common Variants Associated With Fasting Proinsulin Levels and Provides New Insights Into the Pathophysiology of Type 2 Diabetes. Diabetes, 2011, 60, 2624-2634.	0.6	335
10	Genomic and drug target evaluation of 90 cardiovascular proteins in 30,931 individuals. Nature Metabolism, 2020, 2, 1135-1148.	11.9	327
11	Meta-analysis of 65,734 Individuals Identifies TSPAN15 and SLC44A2 as Two Susceptibility Loci for Venous Thromboembolism. American Journal of Human Genetics, 2015, 96, 532-542.	6.2	222
12	NLRP3 Inflammasome Expression and Activation in Human Atherosclerosis. Journal of the American Heart Association, 2016, 5, .	3.7	220
13	Mapping of 79 loci for 83 plasma protein biomarkers in cardiovascular disease. PLoS Genetics, 2017, 13, e1006706.	3.5	194
14	Abdominal Aortic Aneurysm Is Associated with a Variant in Low-Density Lipoprotein Receptor-Related Protein 1. American Journal of Human Genetics, 2011, 89, 619-627.	6.2	185
15	Genome-wide association study identifies a sequence variant within the DAB2IP gene conferring susceptibility to abdominal aortic aneurysm. Nature Genetics, 2010, 42, 692-697.	21.4	181
16	Meta-Analysis of Genome-Wide Association Studies for Abdominal Aortic Aneurysm Identifies Four New Disease-Specific Risk Loci. Circulation Research, 2017, 120, 341-353.	4.5	166
17	Relationship between CAD Risk Genotype in the Chromosome 9p21 Locus and Gene Expression. Identification of Eight New ANRIL Splice Variants. PLoS ONE, 2009, 4, e7677.	2.5	145
18	Interleukin-6 receptor pathways in abdominal aortic aneurysm. European Heart Journal, 2013, 34, 3707-3716.	2.2	143

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19	Multiethnic Meta-Analysis of Genome-Wide Association Studies in >100 000 Subjects Identifies 23 Fibrinogen-Associated Loci but No Strong Evidence of a Causal Association Between Circulating Fibrinogen and Cardiovascular Disease. Circulation, 2013, 128, 1310-1324.	1.6	128
20	Prediction of Ischemic Events on the Basis of Transcriptomic and Genomic Profiling in Patients Undergoing Carotid Endarterectomy. Molecular Medicine, 2012, 18, 669-675.	4.4	118
21	Secretory Phospholipase A2-IIA and Cardiovascular Disease. Journal of the American College of Cardiology, 2013, 62, 1966-1976.	2.8	115
22	Gene expression signatures, pathways and networks in carotid atherosclerosis. Journal of Internal Medicine, 2016, 279, 293-308.	6.0	114
23	Association of Genetic Risk Variants With Expression of Proximal Genes Identifies Novel Susceptibility Genes for Cardiovascular Disease. Circulation: Cardiovascular Genetics, 2010, 3, 365-373.	5.1	103
24	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
25	Evaluation of polygenic prediction methodology within a reference-standardized framework. PLoS Genetics, 2021, 17, e1009021.	3.5	99
26	Toll-Like Receptor 7 Protects From Atherosclerosis by Constraining â€œInflammatoryâ€•Macrophage Activation. Circulation, 2012, 126, 952-962.	1.6	92
27	Genome-wide analysis yields new loci associating with aortic valve stenosis. Nature Communications, 2018, 9, 987.	12.8	91
28	Genome-wide association study for circulating levels of PAI-1 provides novel insights into its regulation. Blood, 2012, 120, 4873-4881.	1.4	90
29	Protein-altering and regulatory genetic variants near GATA4 implicated in bicuspid aortic valve. Nature Communications, 2017, 8, 15481.	12.8	90
30	Causal Effect of Plasminogen Activator Inhibitor Type 1 on Coronary Heart Disease. Journal of the American Heart Association, 2017, 6, .	3.7	89
31	Profiling of Atherosclerotic Lesions by Gene and Tissue Microarrays Reveals PCSK6 as a Novel Protease in Unstable Carotid Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 2432-2443.	2.4	84
32	Unraveling Divergent Gene Expression Profiles in Bicuspid and Tricuspid Aortic Valve Patients with Thoracic Aortic Dilatation: The ASAP Study. Molecular Medicine, 2011, 17, 1365-1373.	4.4	81
33	Human Disease Variation in the Light of Population Genomics. Cell, 2019, 177, 115-131.	28.9	75
34	GLP-1 Induces Barrier Protective Expression in BrunnerÊ¼s Glands and Regulates Colonic Inflammation. Inflammatory Bowel Diseases, 2016, 22, 2078-2097.	1.9	62
35	H1N1 vaccination in SjÃ¶grenâ€™s syndrome triggers polyclonal B cell activation and promotes autoantibody production. Annals of the Rheumatic Diseases, 2017, 76, 1755-1763.	0.9	51
36	Impaired Splicing of Fibronectin Is Associated With Thoracic Aortic Aneurysm Formation in Patients With Bicuspid Aortic Valve. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 691-697.	2.4	48

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37	Functional Analysis of a Novel Genome-Wide Association Study Signal in SMAD3 That Confers Protection From Coronary Artery Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 972-983.	2.4	48
38	Identification of the BCAR1-CFDP1-TMEM170A Locus as a Determinant of Carotid Intima-Media Thickness and Coronary Artery Disease Risk. Circulation: Cardiovascular Genetics, 2012, 5, 656-665.	5.1	47
39	Impute.me: An Open-Source, Non-profit Tool for Using Data From Direct-to-Consumer Genetic Testing to Calculate and Interpret Polygenic Risk Scores. Frontiers in Genetics, 2020, 11, 578.	2.3	47
40	High plasma adiponectin concentration is associated with all-cause mortality in patients with carotid atherosclerosis. Atherosclerosis, 2012, 225, 491-496.	0.8	43
41	Genome-Wide Association Study for Circulating Tissue Plasminogen Activator Levels and Functional Follow-Up Implicates Endothelial STXBP5 and STX2. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 1093-1101.	2.4	43
42	Reduced expression of <scp>TRIM</scp>21/Ro52 predicts poor prognosis in diffuse large Bâ€cell lymphoma patients with and without rheumatic disease. Journal of Internal Medicine, 2015, 278, 323-332.	6.0	43
43	SORBS1 gene, a new candidate for diabetic nephropathy: results from a multi-stage genome-wide association study in patients with type 1 diabetes. Diabetologia, 2015, 58, 543-548.	6.3	43
44	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
45	Integration of Known DNA, RNA and Protein Biomarkers Provides Prediction of Anti-TNF Response in Rheumatoid Arthritis: Results from the COMBINE Study. Molecular Medicine, 2016, 22, 322-328.	4.4	39
46	The Chromosome 9p21.3 Coronary Heart Disease Risk Allele Is Associated with Altered Gene Expression in Normal Heart and Vascular Tissues. PLoS ONE, 2012, 7, e39574.	2.5	37
47	Î±7 Nicotinic Acetylcholine Receptor Is Expressed in Human Atherosclerosis and Inhibits Disease in Miceâ€"Brief Report. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 2632-2636.	2.4	37
48	Innate immune receptor NOD2 promotes vascular inflammation and formation of lipidâ€rich necrotic cores in hypercholesterolemic mice. European Journal of Immunology, 2014, 44, 3081-3092.	2.9	36
49	Common Genetic Determinants of Lung Function, Subclinical Atherosclerosis and Risk of Coronary Artery Disease. PLoS ONE, 2014, 9, e104082.	2.5	36
50	A Genome-Wide Association Study Identifies KNG1 as a Genetic Determinant of Plasma Factor XI Level and Activated Partial Thromboplastin Time. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, 2008-2016.	2.4	33
51	Impact of Common Variation in Bone-Related Genes on Type 2 Diabetes and Related Traits. Diabetes, 2012, 61, 2176-2186.	0.6	31
52	LowTLR7gene expression in atherosclerotic plaques is associated with major adverse cardio- and cerebrovascular events. Cardiovascular Research, 2017, 113, 30-39.	3.8	31
53	Network-based Analysis of Genome Wide Association Data Provides Novel Candidate Genes for Lipid and Lipoprotein Traits. Molecular and Cellular Proteomics, 2013, 12, 3398-3408.	3.8	28
54	Genetic Variation in SULF2 Is Associated with Postprandial Clearance of Triglyceride-Rich Remnant Particles and Triglyceride Levels in Healthy Subjects. PLoS ONE, 2013, 8, e79473.	2.5	28

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55	MicroRNA 486-3P as a stability marker in acute coronary syndrome. Bioscience Reports, 2016, 36, .	2.4	27
56	CARD8 gene encoding a protein of innate immunity is expressed in human atherosclerosis and associated with markers of inflammation. Clinical Science, 2013, 125, 401-407.	4.3	26
57	Neil3-dependent base excision repair regulates lipid metabolism and prevents atherosclerosis in Apoe-deficient mice. Scientific Reports, 2016, 6, 28337.	3.3	26
58	Discovery of new candidate genes for rheumatoid arthritis through integration of genetic association data with expression pathway analysis. Arthritis Research and Therapy, 2017, 19, 19.	3.5	25
59	Diverging Alternative Splicing Fingerprints in the Transforming Growth Factor-Î² Signaling Pathway Identified in Thoracic Aortic Aneurysms. Molecular Medicine, 2011, 17, 665-675.	4.4	24
60	A serum 25-hydroxyvitamin D concentration-associated genetic variant in DHCR7 interacts with type 2 diabetes status to influence subclinical atherosclerosis (measured by carotid intimaâ€“media) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 537	6.2	24
61	KLF12 Regulates Mouse NK Cell Proliferation. Journal of Immunology, 2019, 203, 981-989.	0.8	24
62	Why do people seek out polygenic risk scores for complex disorders, and how do they understand and react to results?. European Journal of Human Genetics, 2022, 30, 81-87.	2.8	23
63	Novel Genetic Approach to Investigate the Role of Plasma Secretory Phospholipase A2 (sPLA) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 144-150.	5.1	22
64	PDE1A inhibition elicits cGMPâ€dependent relaxation of rat mesenteric arteries. British Journal of Pharmacology, 2017, 174, 4186-4198.	5.4	22
65	Early prediction of clinical response to anti-TNF treatment using multi-omics and machine learning in rheumatoid arthritis. Rheumatology, 2022, 61, 1680-1689.	1.9	22
66	Use of Allele-Specific FAIRE to Determine Functional Regulatory Polymorphism Using Large-Scale Genotyping Arrays. PLoS Genetics, 2012, 8, e1002908.	3.5	21
67	Identification of a novel flow-mediated gene expression signature in patients with bicuspid aortic valve. Journal of Molecular Medicine, 2013, 91, 129-139.	3.9	20
68	Genetic Landscape of the ACE2 Coronavirus Receptor. Circulation, 2022, 145, 1398-1411.	1.6	20
69	AllelicImbalance: an R/ bioconductor package for detecting, managing, and visualizing allele expression imbalance data from RNA sequencing. BMC Bioinformatics, 2015, 16, 194.	2.6	19
70	Systematic approach demonstrates enrichment of multiple interactions between non-HLA risk variants and HLA-DRB1 risk alleles in rheumatoid arthritis. Annals of the Rheumatic Diseases, 2018, 77, 1454-1462.	0.9	19
71	Genetic stratification of depression in UK Biobank. Translational Psychiatry, 2020, 10, 163.	4.8	19
72	Identifying low density lipoprotein cholesterol associated variants in the Annexin A2 (ANXA2) gene. Atherosclerosis, 2017, 261, 60-68.	0.8	18

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73	Mechanisms of Action of the KCa2-Negative Modulator AP30663, a Novel Compound in Development for Treatment of Atrial Fibrillation in Man. Frontiers in Pharmacology, 2020, 11, 610.	3.5	18
74	A tool for translating polygenic scores onto the absolute scale using summary statistics. European Journal of Human Genetics, 2022, 30, 339-348.	2.8	18
75	PLA2G10 Gene Variants, sPLA2 Activity, and Coronary Heart Disease Risk. Circulation: Cardiovascular Genetics, 2015, 8, 356-362.	5.1	17
76	Functional Analysis of a Carotid Intima-Media Thickness Locus Implicates BCAR1 and Suggests a Causal Variant. Circulation: Cardiovascular Genetics, 2015, 8, 696-706.	5.1	17
77	Ubiquitin-specific peptidase 2 as a potential link between microRNA-125b and psoriasis. British Journal of Dermatology, 2017, 176, 723-731.	1.5	17
78	Functional Analysis of Two PLA2G2A Variants Associated with Secretory Phospholipase A2-IIA Levels. PLoS ONE, 2012, 7, e41139.	2.5	16
79	Dual roles of heparanase in human carotid plaque calcification. Atherosclerosis, 2019, 283, 127-136.	0.8	16
80	Endogenous control genes in complex vascular tissue samples. BMC Genomics, 2009, 10, 516.	2.8	14
81	High-Resolution Regulatory Maps Connect Vascular Risk Variants to Disease-Related Pathways. Circulation Genomic and Precision Medicine, 2019, 12, e002353.	3.6	13
82	Integration of Genetics into a Systems Model of Electrocardiographic Traits Using HumanCVD BeadChip. Circulation: Cardiovascular Genetics, 2012, 5, 630-638.	5.1	12
83	Translating polygenic risk scores for clinical use by estimating the confidence bounds of risk prediction. Nature Communications, 2021, 12, 5276.	12.8	12
84	ClusterSignificance: a bioconductor package facilitating statistical analysis of class cluster separations in dimensionality reduced data. Bioinformatics, 2017, 33, 3126-3128.	4.1	11
85	Imputed gene expression risk scores: a functionally informed component of polygenic risk. Human Molecular Genetics, 2021, 30, 727-738.	2.9	11
86	EBI3 regulates the NK cell response to mouse cytomegalovirus infection. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 1625-1630.	7.1	10
87	A gene-centric study of common carotid artery remodelling. Atherosclerosis, 2013, 226, 440-446.	0.8	9
88	Novel TRAPPC11 Mutations in a Chinese Pedigree of Limb Girdle Muscular Dystrophy. Case Reports in Genetics, 2018, 2018, 1-6.	0.2	9
89	GeneRegionScan: a Bioconductor package for probe-level analysis of specific, small regions of the genome. Bioinformatics, 2009, 25, 1978-1979.	4.1	8
90	Human Genetic Evidence for Involvement of CD137 in Atherosclerosis. Molecular Medicine, 2014, 20, 456-465.	4.4	8

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91	Expression of CARD8 in human atherosclerosis and its regulation of inflammatory proteins in human endothelial cells. Scientific Reports, 2020, 10, 19108.	3.3	8
92	Aneurysm Development in Patients With Bicuspid Aortic Valve (BAV): Possible Connection to Repair Deficiency?. Aorta, 2013, 1, 13-22.	0.5	7
93	Applying genetics in inflammatory disease drug discovery. Drug Discovery Today, 2015, 20, 1176-1181.	6.4	6
94	Functional Analysis of the Coronary Heart Disease Risk Locus on Chromosome 21q22. Disease Markers, 2017, 2017, 1-10.	1.3	6
95	Enhanced base excision repair capacity in carotid atherosclerosis may protect nuclear DNA but not mitochondrial DNA. Free Radical Biology and Medicine, 2016, 97, 386-397.	2.9	3
96	A novel anti-inflammatory role links the CARS2 locus to protection from coronary artery disease. Atherosclerosis, 2022, 348, 8-15.	0.8	3
97	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
98	Vaccination of patients with primary Sjogren's syndrome reveals hyperreactive B cell compartment with a skewed maturation pattern. Annals of the Rheumatic Diseases, 2011, 70, A67-A67.	0.9	1
99	The role of innate immune receptor nod2 in atherosclerosis. Atherosclerosis, 2014, 235, e20-e21.	0.8	0
100	Functional analysis of the chromosome 21q22 (gene desert) variant associated with CHD risk. Atherosclerosis, 2015, 241, e17.	0.8	0
101	Low TLR7 gene expression in atherosclerotic plaques is associated with major adverse cardio- and cerebrovascular events. Atherosclerosis, 2017, 263, e8.	0.8	0
102	Identifying LDL-C associated variants in the Annexin a2 (ANXA2) gene. Atherosclerosis, 2017, 263, e20.	0.8	0
103	M17 EVALUATING PREDICTIVE ABILITY OF FUNCTIONALLY INFORMED GENETIC RISK SCORES. European Neuropsychopharmacology, 2019, 29, S175.	0.7	0
104	M33 TRYGGVE2: PREDICTING POOR OUTCOMES IN MAJOR DEPRESSION USING REGISTER GENOMICS IN SWEDEN. European Neuropsychopharmacology, 2019, 29, S183-S184.	0.7	0
105	Comparison of quantitative trait loci methods: Total expression and allelic imbalance method in brain RNA-seq. PLoS ONE, 2019, 14, e0217765.	2.5	0
106	Photochemotherapy Induces Interferon Type III Expression via STING Pathway. Cells, 2020, 9, 2452.	4.1	0
107	Abstract 397: Analysis of Cell Phenotype in Relation to TGFÎ² Treatment of Aortic Smooth Muscle Cells and Myofibroblasts Isolated from Aortas and Valves of Thoracic Aortic Aneurysm Patients with a Tricuspid or a Bicuspid Valve. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, .	2.4	0
108	Cholinergic signaling through the alpha 7 nicotinic receptor inhibits atherosclerosis in hypercholesterolemic mice (671.7). FASEB Journal, 2014, 28, 671.7.	0.5	0

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109	Abstract 52: The BiKE Project: Gene Expression Signatures, Pathways and Networks in Human Carotid Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, .	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	The hunt for fatal myocardial infarction biomarkers: predictive circulating microRNAs. Annals of Translational Medicine, 2016, 4, S1-S1.	1.7	0
112	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
113	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