

# Lasse Folkersen

## List of Publications by Year in descending order

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Version: 2024-02-01

113  
papers

15,674  
citations

76196

40  
h-index

34900

98  
g-index

132  
all docs

132  
docs citations

132  
times ranked

28244  
citing authors

#	ARTICLE	IF	CITATIONS
1	Early prediction of clinical response to anti-TNF treatment using multi-omics and machine learning in rheumatoid arthritis. <i>Rheumatology</i> , 2022, 61, 1680-1689.	0.9	22
2	Why do people seek out polygenic risk scores for complex disorders, and how do they understand and react to results?. <i>European Journal of Human Genetics</i> , 2022, 30, 81-87.	1.4	23
3	A tool for translating polygenic scores onto the absolute scale using summary statistics. <i>European Journal of Human Genetics</i> , 2022, 30, 339-348.	1.4	18
4	Genetic Landscape of the ACE2 Coronavirus Receptor. <i>Circulation</i> , 2022, 145, 1398-1411.	1.6	20
5	A novel anti-inflammatory role links the CARS2 locus to protection from coronary artery disease. <i>Atherosclerosis</i> , 2022, 348, 8-15.	0.4	3
6	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
7	Imputed gene expression risk scores: a functionally informed component of polygenic risk. <i>Human Molecular Genetics</i> , 2021, 30, 727-738.	1.4	11
8	Evaluation of polygenic prediction methodology within a reference-standardized framework. <i>PLoS Genetics</i> , 2021, 17, e1009021.	1.5	99
9	Translating polygenic risk scores for clinical use by estimating the confidence bounds of risk prediction. <i>Nature Communications</i> , 2021, 12, 5276.	5.8	12
10	Genomic and drug target evaluation of 90 cardiovascular proteins in 30,931 individuals. <i>Nature Metabolism</i> , 2020, 2, 1135-1148.	5.1	327
11	Photochemotherapy Induces Interferon Type III Expression via STING Pathway. <i>Cells</i> , 2020, 9, 2452.	1.8	0
12	Expression of CARD8 in human atherosclerosis and its regulation of inflammatory proteins in human endothelial cells. <i>Scientific Reports</i> , 2020, 10, 19108.	1.6	8
13	Genetic stratification of depression in UK Biobank. <i>Translational Psychiatry</i> , 2020, 10, 163.	2.4	19
14	Mechanisms of Action of the KCa2-Negative Modulator AP30663, a Novel Compound in Development for Treatment of Atrial Fibrillation in Man. <i>Frontiers in Pharmacology</i> , 2020, 11, 610.	1.6	18
15	Impute.me: An Open-Source, Non-profit Tool for Using Data From Direct-to-Consumer Genetic Testing to Calculate and Interpret Polygenic Risk Scores. <i>Frontiers in Genetics</i> , 2020, 11, 578.	1.1	47
16	KLF12 Regulates Mouse NK Cell Proliferation. <i>Journal of Immunology</i> , 2019, 203, 981-989.	0.4	24
17	M17 EVALUATING PREDICTIVE ABILITY OF FUNCTIONALLY INFORMED GENETIC RISK SCORES. <i>European Neuropsychopharmacology</i> , 2019, 29, S175.	0.3	0
18	M33 TRYGGVE2: PREDICTING POOR OUTCOMES IN MAJOR DEPRESSION USING REGISTER GENOMICS IN SWEDEN. <i>European Neuropsychopharmacology</i> , 2019, 29, S183-S184.	0.3	0

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19	Comparison of quantitative trait loci methods: Total expression and allelic imbalance method in brain RNA-seq. PLoS ONE, 2019, 14, e0217765.	1.1	0
20	Human Disease Variation in the Light of Population Genomics. Cell, 2019, 177, 115-131.	13.5	75
21	High-Resolution Regulatory Maps Connect Vascular Risk Variants to Disease-Related Pathways. Circulation Genomic and Precision Medicine, 2019, 12, e002353.	1.6	13
22	Dual roles of heparanase in human carotid plaque calcification. Atherosclerosis, 2019, 283, 127-136.	0.4	16
23	Genome-wide analysis yields new loci associating with aortic valve stenosis. Nature Communications, 2018, 9, 987.	5.8	91
24	Novel <i>TRAPPC11</i> Mutations in a Chinese Pedigree of Limb Girdle Muscular Dystrophy. Case Reports in Genetics, 2018, 2018, 1-6.	0.1	9
25	Systematic approach demonstrates enrichment of multiple interactions between non- <i>HLA</i> risk variants and <i>HLA-DRB1</i> risk alleles in rheumatoid arthritis. Annals of the Rheumatic Diseases, 2018, 77, 1454-1462.	0.5	19
26	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.	3.3	10
27	CD49a Expression Defines Tissue-Resident CD8 + T Cells Poised for Cytotoxic Function in Human Skin. Immunity, 2017, 46, 287-300.	6.6	465
28	Identifying low density lipoprotein cholesterol associated variants in the Annexin A2 ( ANXA2 ) gene. Atherosclerosis, 2017, 261, 60-68.	0.4	18
29	Meta-Analysis of Genome-Wide Association Studies for Abdominal Aortic Aneurysm Identifies Four New Disease-Specific Risk Loci. Circulation Research, 2017, 120, 341-353.	2.0	166
30	Protein-altering and regulatory genetic variants near GATA4 implicated in bicuspid aortic valve. Nature Communications, 2017, 8, 15481.	5.8	90
31	Causal Effect of Plasminogen Activator Inhibitor Type 1 on Coronary Heart Disease. Journal of the American Heart Association, 2017, 6, .	1.6	89
32	Low TLR7 gene expression in atherosclerotic plaques is associated with major adverse cardio- and cerebrovascular events. Atherosclerosis, 2017, 263, e8.	0.4	0
33	Identifying LDL-C associated variants in the Annexin a2 (ANXA2) gene. Atherosclerosis, 2017, 263, e20.	0.4	0
34	PDE1A inhibition elicits cGMP-dependent relaxation of rat mesenteric arteries. British Journal of Pharmacology, 2017, 174, 4186-4198.	2.7	22
35	H1N1 vaccination in Sjögren's syndrome triggers polyclonal B cell activation and promotes autoantibody production. Annals of the Rheumatic Diseases, 2017, 76, 1755-1763.	0.5	51
36	ClusterSignificance: a bioconductor package facilitating statistical analysis of class cluster separations in dimensionality reduced data. Bioinformatics, 2017, 33, 3126-3128.	1.8	11

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37	Discovery of new candidate genes for rheumatoid arthritis through integration of genetic association data with expression pathway analysis. <i>Arthritis Research and Therapy</i> , 2017, 19, 19.	1.6	25
38	Low <i>TLR7</i> gene expression in atherosclerotic plaques is associated with major adverse cardiovascular and cerebrovascular events. <i>Cardiovascular Research</i> , 2017, 113, 30-39.	1.8	31
39	Ubiquitin-specific peptidase 2 as a potential link between microRNA-125b and psoriasis. <i>British Journal of Dermatology</i> , 2017, 176, 723-731.	1.4	17
40	Functional Analysis of the Coronary Heart Disease Risk Locus on Chromosome 21q22. <i>Disease Markers</i> , 2017, 2017, 1-10.	0.6	6
41	Mapping of 79 loci for 83 plasma protein biomarkers in cardiovascular disease. <i>PLoS Genetics</i> , 2017, 13, e1006706.	1.5	194
42	Integration of Known DNA, RNA and Protein Biomarkers Provides Prediction of Anti-TNF Response in Rheumatoid Arthritis: Results from the COMBINE Study. <i>Molecular Medicine</i> , 2016, 22, 322-328.	1.9	39
43	Enhanced base excision repair capacity in carotid atherosclerosis may protect nuclear DNA but not mitochondrial DNA. <i>Free Radical Biology and Medicine</i> , 2016, 97, 386-397.	1.3	3
44	Gene expression signatures, pathways and networks in carotid atherosclerosis. <i>Journal of Internal Medicine</i> , 2016, 279, 293-308.	2.7	114
45	Neil3-dependent base excision repair regulates lipid metabolism and prevents atherosclerosis in ApoE-deficient mice. <i>Scientific Reports</i> , 2016, 6, 28337.	1.6	26
46	NLRP3 Inflammasome Expression and Activation in Human Atherosclerosis. <i>Journal of the American Heart Association</i> , 2016, 5, .	1.6	220
47	MicroRNA 486-3P as a stability marker in acute coronary syndrome. <i>Bioscience Reports</i> , 2016, 36, .	1.1	27
48	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
49	GLP-1 Induces Barrier Protective Expression in Brunner's Glands and Regulates Colonic Inflammation. <i>Inflammatory Bowel Diseases</i> , 2016, 22, 2078-2097.	0.9	62
50	Functional Analysis of a Novel Genome-Wide Association Study Signal in <i>SMAD3</i> That Confers Protection From Coronary Artery Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 972-983.	1.1	48
51	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
52	Abstract 173: Proprotein Convertase Subtilisin/Kexin Type 6 is a Key Protease in the Control of Smooth Muscle Cell Function in Vascular Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, .	1.1	0
53	The hunt for fatal myocardial infarction biomarkers: predictive circulating microRNAs. <i>Annals of Translational Medicine</i> , 2016, 4, S1-S1.	0.7	0
54	Reduced expression of <i>TRIM21</i> /Ro52 predicts poor prognosis in diffuse large B-cell lymphoma patients with and without rheumatic disease. <i>Journal of Internal Medicine</i> , 2015, 278, 323-332.	2.7	43

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55	New genetic loci link adipose and insulin biology to body fat distribution. <i>Nature</i> , 2015, 518, 187-196.	13.7	1,328
56	Genetic studies of body mass index yield new insights for obesity biology. <i>Nature</i> , 2015, 518, 197-206.	13.7	3,823
57	PLA2G10 Gene Variants, sPLA2 Activity, and Coronary Heart Disease Risk. <i>Circulation: Cardiovascular Genetics</i> , 2015, 8, 356-362.	5.1	17
58	Functional analysis of the chromosome 21q22 (gene desert) variant associated with CHD risk. <i>Atherosclerosis</i> , 2015, 241, e17.	0.4	0
59	Applying genetics in inflammatory disease drug discovery. <i>Drug Discovery Today</i> , 2015, 20, 1176-1181.	3.2	6
60	Meta-analysis of 65,734 Individuals Identifies TSPAN15 and SLC44A2 as Two Susceptibility Loci for Venous Thromboembolism. <i>American Journal of Human Genetics</i> , 2015, 96, 532-542.	2.6	222
61	AllelicImbalance: an R/ bioconductor package for detecting, managing, and visualizing allele expression imbalance data from RNA sequencing. <i>BMC Bioinformatics</i> , 2015, 16, 194.	1.2	19
62	Functional Analysis of a Carotid Intima-Media Thickness Locus Implicates <i>BCAR1</i> and Suggests a Causal Variant. <i>Circulation: Cardiovascular Genetics</i> , 2015, 8, 696-706.	5.1	17
63	SORBS1 gene, a new candidate for diabetic nephropathy: results from a multi-stage genome-wide association study in patients with type 1 diabetes. <i>Diabetologia</i> , 2015, 58, 543-548.	2.9	43
64	Abstract 367: Pcsk6 Is a Key Protease Modulating Smooth Muscle Cell Activation in Vascular Remodeling and Plaque Vulnerability. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, .	1.1	0
65	Human Genetic Evidence for Involvement of CD137 in Atherosclerosis. <i>Molecular Medicine</i> , 2014, 20, 456-465.	1.9	8
66	Genome-Wide Association Study for Circulating Tissue Plasminogen Activator Levels and Functional Follow-Up Implicates Endothelial <i>STXBP5</i> and <i>STX2</i> . <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 1093-1101.	1.1	43
67	Î±7 Nicotinic Acetylcholine Receptor Is Expressed in Human Atherosclerosis and Inhibits Disease in Mice—Brief Report. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 2632-2636.	1.1	37
68	Novel Genetic Approach to Investigate the Role of Plasma Secretory Phospholipase A2 (sPLA) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 227 144-150.	5.1	22
69	Innate immune receptor NOD2 promotes vascular inflammation and formation of lipid-rich necrotic cores in hypercholesterolemic mice. <i>European Journal of Immunology</i> , 2014, 44, 3081-3092.	1.6	36
70	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
71	A serum 25-hydroxyvitamin D concentration-associated genetic variant in DHCR7 interacts with type 2 diabetes status to influence subclinical atherosclerosis (measured by carotid intima-media) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 227	1.7	10
72	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

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73	The role of innate immune receptor nod2 in atherosclerosis. <i>Atherosclerosis</i> , 2014, 235, e20-e21.	0.4	0
74	Common Genetic Determinants of Lung Function, Subclinical Atherosclerosis and Risk of Coronary Artery Disease. <i>PLoS ONE</i> , 2014, 9, e104082.	1.1	36
75	Cholinergic signaling through the alpha 7 nicotinic receptor inhibits atherosclerosis in hypercholesterolemic mice (671.7). <i>FASEB Journal</i> , 2014, 28, 671.7.	0.2	0
76	Abstract 52: The BiKE Project: Gene Expression Signatures, Pathways and Networks in Human Carotid Atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, .	1.1	0
77	Abstract 467: PCSK6 Is Upregulated in Vascular Diseases Characterized by Inflammation and Smooth Muscle Cell Proliferation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, .	1.1	0
78	A gene-centric study of common carotid artery remodelling. <i>Atherosclerosis</i> , 2013, 226, 440-446.	0.4	9
79	Secretory Phospholipase A2-IIA and Cardiovascular Disease. <i>Journal of the American College of Cardiology</i> , 2013, 62, 1966-1976.	1.2	115
80	Large-scale association analysis identifies new risk loci for coronary artery disease. <i>Nature Genetics</i> , 2013, 45, 25-33.	9.4	1,439
81	Identification of a novel flow-mediated gene expression signature in patients with bicuspid aortic valve. <i>Journal of Molecular Medicine</i> , 2013, 91, 129-139.	1.7	20
82	Interleukin-6 receptor pathways in abdominal aortic aneurysm. <i>European Heart Journal</i> , 2013, 34, 3707-3716.	1.0	143
83	<i>CARD8</i> gene encoding a protein of innate immunity is expressed in human atherosclerosis and associated with markers of inflammation. <i>Clinical Science</i> , 2013, 125, 401-407.	1.8	26
84	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. <i>Circulation</i> , 2013, 128, 1310-1324.	1.6	128
85	Network-based Analysis of Genome Wide Association Data Provides Novel Candidate Genes for Lipid and Lipoprotein Traits. <i>Molecular and Cellular Proteomics</i> , 2013, 12, 3398-3408.	2.5	28
86	Profiling of Atherosclerotic Lesions by Gene and Tissue Microarrays Reveals PCSK6 as a Novel Protease in Unstable Carotid Atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 2432-2443.	1.1	84
87	Aneurysm Development in Patients With Bicuspid Aortic Valve (BAV): Possible Connection to Repair Deficiency?. <i>Aorta</i> , 2013, 1, 13-22.	0.1	7
88	Genetic Variation in SULF2 Is Associated with Postprandial Clearance of Triglyceride-Rich Remnant Particles and Triglyceride Levels in Healthy Subjects. <i>PLoS ONE</i> , 2013, 8, e79473.	1.1	28
89	Association of TERC and OBFC1 Haplotypes with Mean Leukocyte Telomere Length and Risk for Coronary Heart Disease. <i>PLoS ONE</i> , 2013, 8, e83122.	1.1	42
90	Large-scale association analyses identify new loci influencing glycemic traits and provide insight into the underlying biological pathways. <i>Nature Genetics</i> , 2012, 44, 991-1005.	9.4	746

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91	Identification of the <i>BCAR1-CFDP1-TMEM170A</i> Locus as a Determinant of Carotid Intima-Media Thickness and Coronary Artery Disease Risk. <i>Circulation: Cardiovascular Genetics</i> , 2012, 5, 656-665.	5.1	47
92	Integration of Genetics into a Systems Model of Electrocardiographic Traits Using HumanCVD BeadChip. <i>Circulation: Cardiovascular Genetics</i> , 2012, 5, 630-638.	5.1	12
93	High plasma adiponectin concentration is associated with all-cause mortality in patients with carotid atherosclerosis. <i>Atherosclerosis</i> , 2012, 225, 491-496.	0.4	43
94	Genome-wide association study for circulating levels of PAI-1 provides novel insights into its regulation. <i>Blood</i> , 2012, 120, 4873-4881.	0.6	90
95	A Genome-Wide Association Study Identifies <i>KNG1</i> as a Genetic Determinant of Plasma Factor XI Level and Activated Partial Thromboplastin Time. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 2008-2016.	1.1	33
96	Impact of Common Variation in Bone-Related Genes on Type 2 Diabetes and Related Traits. <i>Diabetes</i> , 2012, 61, 2176-2186.	0.3	31
97	The Chromosome 9p21.3 Coronary Heart Disease Risk Allele Is Associated with Altered Gene Expression in Normal Heart and Vascular Tissues. <i>PLoS ONE</i> , 2012, 7, e39574.	1.1	37
98	Functional Analysis of Two <i>PLA2G2A</i> Variants Associated with Secretory Phospholipase A2-IIA Levels. <i>PLoS ONE</i> , 2012, 7, e41139.	1.1	16
99	Prediction of Ischemic Events on the Basis of Transcriptomic and Genomic Profiling in Patients Undergoing Carotid Endarterectomy. <i>Molecular Medicine</i> , 2012, 18, 669-675.	1.9	118
100	Toll-Like Receptor 7 Protects From Atherosclerosis by Constraining $\alpha$ -Inflammatory Macrophage Activation. <i>Circulation</i> , 2012, 126, 952-962.	1.6	92
101	Use of Allele-Specific FAIRE to Determine Functional Regulatory Polymorphism Using Large-Scale Genotyping Arrays. <i>PLoS Genetics</i> , 2012, 8, e1002908.	1.5	21
102	Abstract 397: Analysis of Cell Phenotype in Relation to TGF $\beta$ 2 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. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, .	1.1	0
103	Genome-Wide Association Identifies Nine Common Variants Associated With Fasting Proinsulin Levels and Provides New Insights Into the Pathophysiology of Type 2 Diabetes. <i>Diabetes</i> , 2011, 60, 2624-2634.	0.3	335
104	Unraveling Divergent Gene Expression Profiles in Bicuspid and Tricuspid Aortic Valve Patients with Thoracic Aortic Dilatation: The ASAP Study. <i>Molecular Medicine</i> , 2011, 17, 1365-1373.	1.9	81
105	Diverging Alternative Splicing Fingerprints in the Transforming Growth Factor- $\beta$ 2 Signaling Pathway Identified in Thoracic Aortic Aneurysms. <i>Molecular Medicine</i> , 2011, 17, 665-675.	1.9	24
106	Abdominal Aortic Aneurysm Is Associated with a Variant in Low-Density Lipoprotein Receptor-Related Protein 1. <i>American Journal of Human Genetics</i> , 2011, 89, 619-627.	2.6	185
107	Impaired Splicing of Fibronectin Is Associated With Thoracic Aortic Aneurysm Formation in Patients With Bicuspid Aortic Valve. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 691-697.	1.1	48
108	Vaccination of patients with primary Sjogren's syndrome reveals hyperreactive B cell compartment with a skewed maturation pattern. <i>Annals of the Rheumatic Diseases</i> , 2011, 70, A67-A67.	0.5	1

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109	Genome-wide association study identifies a sequence variant within the DAB2IP gene conferring susceptibility to abdominal aortic aneurysm. <i>Nature Genetics</i> , 2010, 42, 692-697.	9.4	181
110	Association of Genetic Risk Variants With Expression of Proximal Genes Identifies Novel Susceptibility Genes for Cardiovascular Disease. <i>Circulation: Cardiovascular Genetics</i> , 2010, 3, 365-373.	5.1	103
111	GeneRegionScan: a Bioconductor package for probe-level analysis of specific, small regions of the genome. <i>Bioinformatics</i> , 2009, 25, 1978-1979.	1.8	8
112	Endogenous control genes in complex vascular tissue samples. <i>BMC Genomics</i> , 2009, 10, 516.	1.2	14
113	Relationship between CAD Risk Genotype in the Chromosome 9p21 Locus and Gene Expression. Identification of Eight New ANRIL Splice Variants. <i>PLoS ONE</i> , 2009, 4, e7677.	1.1	145