

Marju Orho-Melander

List of Publications by Year in descending order

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Version: 2024-02-01

109
papers

10,768
citations

61977

43
h-index

34984

98
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114
all docs

114
docs citations

114
times ranked

17468
citing authors

#	ARTICLE	IF	CITATIONS
1	Distinct contributions of metabolic dysfunction and genetic risk factors in the pathogenesis of non-alcoholic fatty liver disease. <i>Journal of Hepatology</i> , 2022, 76, 526-535.	3.7	80
2	The role of circulating galectin-1 in type 2 diabetes and chronic kidney disease: evidence from cross-sectional, longitudinal and Mendelian randomisation analyses. <i>Diabetologia</i> , 2022, 65, 128-139.	6.3	7
3	Obesity Partially Mediates the Diabetogenic Effect of Lowering LDL Cholesterol. <i>Diabetes Care</i> , 2022, 45, 232-240.	8.6	10
4	Interferon regulatory factor-5-dependent CD11c+ macrophages contribute to the formation of rupture-prone atherosclerotic plaques. <i>European Heart Journal</i> , 2022, 43, 1864-1877.	2.2	27
5	Osteomodulin Gene Expression Is Associated With Plaque Calcification, Stability, and Fewer Cardiovascular Events in the CPIP Cohort. <i>Stroke</i> , 2022, 53, STROKEAHA121037223.	2.0	5
6	Proteomic Profiles of Body Mass Index and Waist-to-Hip Ratio and Their Role in Incidence of Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, e2982-e2990.	3.6	8
7	A healthy dietary metabolic signature is associated with a lower risk for type 2 diabetes and coronary artery disease. <i>BMC Medicine</i> , 2022, 20, 122.	5.5	15
8	Gut microbiota composition in relation to intake of added sugar, sugar-sweetened beverages and artificially sweetened beverages in the Malmö Offspring Study. <i>European Journal of Nutrition</i> , 2021, 60, 2087-2097.	3.9	29
9	The PNPLA3-I148M Variant Confers an Antiatherogenic Lipid Profile in Insulin-resistant Patients. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e300-e315.	3.6	17
10	The Malmö Offspring Study (MOS): design, methods and first results. <i>European Journal of Epidemiology</i> , 2021, 36, 103-116.	5.7	41
11	Meta-analysis uncovers genome-wide significant variants for rapid kidney function decline. <i>Kidney International</i> , 2021, 99, 926-939.	5.2	42
12	Circulating Vimentin Is Associated With Future Incidence of Stroke in a Population-Based Cohort Study. <i>Stroke</i> , 2021, 52, 937-944.	2.0	9
13	Methodological considerations for identifying multiple plasma proteins associated with all-cause mortality in a population-based prospective cohort. <i>Scientific Reports</i> , 2021, 11, 6734.	3.3	2
14	Dietary Data in the Malmö Offspring Study—Reproducibility, Method Comparison and Validation against Objective Biomarkers. <i>Nutrients</i> , 2021, 13, 1579.	4.1	2
15	Plasma Protein Profile of Carotid Artery Atherosclerosis and Atherosclerotic Outcomes. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 1777-1788.	2.4	18
16	Plasma S1P (Sphingosine-1-Phosphate) Links to Hypertension and Biomarkers of Inflammation and Cardiovascular Disease: Findings From a Translational Investigation. <i>Hypertension</i> , 2021, 78, 195-209.	2.7	16
17	Hyperglycaemia-associated Caspase-3 predicts diabetes and coronary artery disease events. <i>Journal of Internal Medicine</i> , 2021, 290, 855-865.	6.0	11
18	Association of Sleep Duration With All- and Major-Cause Mortality Among Adults in Japan, China, Singapore, and Korea. <i>JAMA Network Open</i> , 2021, 4, e2122837.	5.9	58

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19	Assessment of Lifestyle Factors Helps to Identify Liver Fibrosis Due to Non-Alcoholic Fatty Liver Disease in Obesity. <i>Nutrients</i> , 2021, 13, 169.	4.1	9
20	Plasma proneurotensin and prediction of cause-specific mortality in a middle-aged cohort during long-term follow-up. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, , .	3.6	2
21	Effect of AMY1 copy number variation and various doses of starch intake on glucose homeostasis: data from a cross-sectional observational study and a crossover meal study. <i>Genes and Nutrition</i> , 2021, 16, 21.	2.5	3
22	Lifestyle and cancer incidence and mortality risk depending on family history of cancer in two prospective cohorts. <i>International Journal of Cancer</i> , 2020, 146, 1198-1207.	5.1	6
23	A Health-Conscious Food Pattern Is Associated with Prediabetes and Gut Microbiota in the Malmö Offspring Study. <i>Journal of Nutrition</i> , 2020, 150, 861-872.	2.9	21
24	Genomic and drug target evaluation of 90 cardiovascular proteins in 30,931 individuals. <i>Nature Metabolism</i> , 2020, 2, 1135-1148.	11.9	327
25	The proteoglycan mimecan is associated with carotid plaque vulnerability and increased risk of future cardiovascular death. <i>Atherosclerosis</i> , 2020, 313, 88-95.	0.8	10
26	Identification of Inflammatory and Disease-Associated Plasma Proteins that Associate with Intake of Added Sugar and Sugar-Sweetened Beverages and Their Role in Type 2 Diabetes Risk. <i>Nutrients</i> , 2020, 12, 3129.	4.1	12
27	Magnitude of rise in proneurotensin is related to amount of triglyceride appearance in blood after standardized oral intake of both saturated and unsaturated fat. <i>Lipids in Health and Disease</i> , 2020, 19, 191.	3.0	9
28	Genome-Wide Polygenic Score, Clinical Risk Factors, and Long-Term Trajectories of Coronary Artery Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, 2738-2746.	2.4	71
29	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.	0.8	18
30	Hydroxysteroid 17- β dehydrogenase 13 variant increases phospholipids and protects against fibrosis in nonalcoholic fatty liver disease. <i>JCI Insight</i> , 2020, 5, .	5.0	62
31	Comparing Self-Reported Sugar Intake With the Sucrose and Fructose Biomarker From Overnight Urine Samples in Relation to Cardiometabolic Risk Factors. <i>Frontiers in Nutrition</i> , 2020, 7, 62.	3.7	13
32	Food patterns in relation to weight change and incidence of type 2 diabetes, coronary events and stroke in the Malmö Diet and Cancer cohort. <i>European Journal of Nutrition</i> , 2019, 58, 1801-1814.	3.9	26
33	Genetic Predisposition for Renal Dysfunction and Incidence of CKD in the Malmö Diet and Cancer Study. <i>Kidney International Reports</i> , 2019, 4, 1143-1151.	0.8	4
34	A catalog of genetic loci associated with kidney function from analyses of a million individuals. <i>Nature Genetics</i> , 2019, 51, 957-972.	21.4	549
35	Circulating HER2/ErbB2 Levels Are Associated With Increased Incidence of Diabetes: A Population-Based Cohort Study. <i>Diabetes Care</i> , 2019, 42, 1582-1588.	8.6	16
36	High Levels of Soluble Lectinlike Oxidized Low-Density Lipoprotein Receptor-1 Are Associated With Carotid Plaque Inflammation and Increased Risk of Ischemic Stroke. <i>Journal of the American Heart Association</i> , 2019, 8, e009874.	3.7	37

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37	A favorable lifestyle lowers the risk of coronary artery disease consistently across strata of non-modifiable risk factors in a population-based cohort. BMC Public Health, 2019, 19, 1575.	2.9	18
38	Increased vascular endothelial growth factor D is associated with atrial fibrillation and ischaemic stroke. Heart, 2019, 105, 553-558.	2.9	29
39	Growth differentiation factor 15 is positively associated with incidence of diabetes mellitus: the Malmö Diet and Cancer Cardiovascular Cohort. Diabetologia, 2019, 62, 78-86.	6.3	71
40	Human PNPLA3-I148M variant increases hepatic retention of polyunsaturated fatty acids. JCI Insight, 2019, 4, .	5.0	93
41	Connection Between BMI-Related Plasma Metabolite Profile and Gut Microbiota. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 1491-1501.	3.6	163
42	Plasma Concentration of Caspase-8 Is Associated With Short Sleep Duration and the Risk of Incident Diabetes Mellitus. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 1592-1600.	3.6	5
43	Refining the accuracy of validated target identification through coding variant fine-mapping in type 2 diabetes. Nature Genetics, 2018, 50, 559-571.	21.4	356
44	Polygenic Risk Score for Coronary Heart Disease Modifies the Elevated Risk by Cigarette Smoking for Disease Incidence. Circulation Genomic and Precision Medicine, 2018, 11, e001856.	3.6	27
45	A Genome-Wide Association Study of Diabetic Kidney Disease in Subjects With Type 2 Diabetes. Diabetes, 2018, 67, 1414-1427.	0.6	136
46	Role of Blood Lipids in the Development of Ischemic Stroke and its Subtypes. Stroke, 2018, 49, 820-827.	2.0	132
47	Adiposity and Genetic Factors in Relation to Triglycerides and Triglyceride-Rich Lipoproteins in the Women's Genome Health Study. Clinical Chemistry, 2018, 64, 231-241.	3.2	10
48	FADD (Fas-Associated Protein With Death Domain), Caspase-3, and Caspase-8 and Incidence of Ischemic Stroke. Stroke, 2018, 49, 2224-2226.	2.0	21
49	A Western dietary pattern is prospectively associated with cardio-metabolic traits and incidence of the metabolic syndrome. British Journal of Nutrition, 2018, 119, 1168-1176.	2.3	87
50	Dietary and genetic risk scores and incidence of type 2 diabetes. Genes and Nutrition, 2018, 13, 13.	2.5	32
51	Proneurotensin Predicts Cardiovascular Disease in an Elderly Population. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 1940-1947.	3.6	21
52	Increased Plasma Proneurotensin Levels Identify NAFLD in Adults With and Without Type 2 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 2253-2260.	3.6	41
53	Soluble Urokinase-type Plasminogen Activator Receptor (suPAR) and Impaired Kidney Function in the Population-based Malmö Diet and Cancer Study. Kidney International Reports, 2017, 2, 239-247.	0.8	33
54	Impaired hepatic lipid synthesis from polyunsaturated fatty acids in TM6SF2 E167K variant carriers with NAFLD. Journal of Hepatology, 2017, 67, 128-136.	3.7	97

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55	The gut microbiome as a target for prevention and treatment of hyperglycaemia in type 2 diabetes: from current human evidence to future possibilities. <i>Diabetologia</i> , 2017, 60, 943-951.	6.3	266
56	ADAMTS-7 is associated with a high-risk plaque phenotype in human atherosclerosis. <i>Scientific Reports</i> , 2017, 7, 3753.	3.3	30
57	Dietary starch intake modifies the relation between copy number variation in the salivary amylase gene and BMI. <i>American Journal of Clinical Nutrition</i> , 2017, 106, 256-262.	4.7	51
58	Type 2 diabetes, adiposity and cancer morbidity and mortality risk taking into account competing risk of noncancer deaths in a prospective cohort setting. <i>International Journal of Cancer</i> , 2017, 141, 1170-1180.	5.1	15
59	A Low-Frequency Inactivating <i>AKT2</i> Variant Enriched in the Finnish Population Is Associated With Fasting Insulin Levels and Type 2 Diabetes Risk. <i>Diabetes</i> , 2017, 66, 2019-2032.	0.6	47
60	Exome-wide association study of plasma lipids in >300,000 individuals. <i>Nature Genetics</i> , 2017, 49, 1758-1766.	21.4	470
61	Eosinophil Cationic Protein, Carotid Plaque, and Incidence of Stroke. <i>Stroke</i> , 2017, 48, 2686-2692.	2.0	16
62	Predictors of Liver Fat and Stiffness in Non-Alcoholic Fatty Liver Disease (NAFLD) – an 11-Year Prospective Study. <i>Scientific Reports</i> , 2017, 7, 14561.	3.3	18
63	Type 2 diabetes, glucose, insulin, BMI, and ischemic stroke subtypes. <i>Neurology</i> , 2017, 89, 454-460.	1.1	84
64	High Level of Fasting Plasma Proenkephalin-A Predicts Deterioration of Kidney Function and Incidence of CKD. <i>Journal of the American Society of Nephrology: JASN</i> , 2017, 28, 291-303.	6.1	29
65	Sequence data and association statistics from 12,940 type 2 diabetes cases and controls. <i>Scientific Data</i> , 2017, 4, 170179.	5.3	31
66	A prospective study of dietary and supplemental zinc intake and risk of type 2 diabetes depending on genetic variation in <i>SLC30A8</i> . <i>Genes and Nutrition</i> , 2017, 12, 30.	2.5	26
67	Higher Levels of Serum Zonulin May Rather Be Associated with Increased Risk of Obesity and Hyperlipidemia, Than with Gastrointestinal Symptoms or Disease Manifestations. <i>International Journal of Molecular Sciences</i> , 2017, 18, 582.	4.1	95
68	Genetic determinants of circulating GIP and GLP-1 concentrations. <i>JCI Insight</i> , 2017, 2, .	5.0	46
69	Diet Quality and Change in Blood Lipids during 16 Years of Follow-up and Their Interaction with Genetic Risk for Dyslipidemia. <i>Nutrients</i> , 2016, 8, 274.	4.1	26
70	The genetic architecture of type 2 diabetes. <i>Nature</i> , 2016, 536, 41-47.	27.8	952
71	Exome Genotyping Identifies Pleiotropic Variants Associated with Red Blood Cell Traits. <i>American Journal of Human Genetics</i> , 2016, 99, 8-21.	6.2	60
72	Carotenoids and alkylresorcinols as objective biomarkers of diet quality when assessing the validity of a web-based food record tool and a food frequency questionnaire in a middle-aged population. <i>BMC Nutrition</i> , 2016, 2, .	1.6	17

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73	Sphingolipids Contribute to Human Atherosclerotic Plaque Inflammation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 1132-1140.	2.4	129
74	Excess maternal transmission of variants in the THADA gene to offspring with type 2 diabetes. <i>Diabetologia</i> , 2016, 59, 1702-1713.	6.3	19
75	An obligatory role for neurotensin in high-fat-diet-induced obesity. <i>Nature</i> , 2016, 533, 411-415.	27.8	202
76	The MBOAT7 variant rs641738 alters hepatic phosphatidylinositols and increases severity of non-alcoholic fatty liver disease in humans. <i>Journal of Hepatology</i> , 2016, 65, 1263-1265.	3.7	140
77	Integrator of Stress Responses Calmodulin Binding Transcription Activator 1 (Camta1) Regulates miR-212/miR-132 Expression and Insulin Secretion. <i>Journal of Biological Chemistry</i> , 2016, 291, 18440-18452.	3.4	29
78	Novel genetic loci associated with long-term deterioration in blood lipid concentrations and coronary artery disease in European adults. <i>International Journal of Epidemiology</i> , 2016, 46, dyw245.	1.9	17
79	Genetic Risk, Adherence to a Healthy Lifestyle, and Coronary Disease. <i>New England Journal of Medicine</i> , 2016, 375, 2349-2358.	27.0	979
80	Genetic susceptibility to dyslipidemia and incidence of cardiovascular disease depending on a diet quality index in the Malmö Diet and Cancer cohort. <i>Genes and Nutrition</i> , 2016, 11, 20.	2.5	6
81	Platelet-Related Variants Identified by Exomechip Meta-analysis in 157,293 Individuals. <i>American Journal of Human Genetics</i> , 2016, 99, 40-55.	6.2	82
82	Several type 2 diabetes-associated variants in genes annotated to WNT signaling interact with dietary fiber in relation to incidence of type 2 diabetes. <i>Genes and Nutrition</i> , 2016, 11, 6.	2.5	25
83	Transcriptional regulation of the miR-212/miR-132 cluster in insulin-secreting β 2-cells by cAMP-regulated transcriptional co-activator 1 and salt-inducible kinases. <i>Molecular and Cellular Endocrinology</i> , 2016, 424, 23-33.	3.2	46
84	Do Genetic Factors Modify the Relationship Between Obesity and Hypertriglyceridemia?. <i>Circulation: Cardiovascular Genetics</i> , 2016, 9, 162-171.	5.1	7
85	The Association between Carbohydrate-Rich Foods and Risk of Cardiovascular Disease Is Not Modified by Genetic Susceptibility to Dyslipidemia as Determined by 80 Validated Variants. <i>PLoS ONE</i> , 2015, 10, e0126104.	2.5	33
86	Using genetics to test the causal relationship of total adiposity and periodontitis: Mendelian randomization analyses in the Gene-Lifestyle Interactions and Dental Endpoints (GLIDE) Consortium. <i>International Journal of Epidemiology</i> , 2015, 44, 638-650.	1.9	54
87	Stable Peptide of the Endogenous Opioid Enkephalin Precursor and Breast Cancer Risk. <i>Journal of Clinical Oncology</i> , 2015, 33, 2632-2638.	1.6	15
88	Food sources of fat may clarify the inconsistent role of dietary fat intake for incidence of type 2 diabetes. <i>American Journal of Clinical Nutrition</i> , 2015, 101, 1065-1080.	4.7	139
89	Intakes of omega-3 polyunsaturated fatty acids and blood pressure change over time: Possible interaction with genes involved in 20-HETE and EETs metabolism. <i>Prostaglandins and Other Lipid Mediators</i> , 2015, 120, 126-133.	1.9	19
90	Circulating triacylglycerol signatures and insulin sensitivity in NAFLD associated with the E167K variant in TM6SF2. <i>Journal of Hepatology</i> , 2015, 62, 657-663.	3.7	104

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91	Smoking Modifies the Associated Increased Risk of Future Cardiovascular Disease by Genetic Variation on Chromosome 9p21. PLoS ONE, 2014, 9, e85893.	2.5	24
92	Genetic Determinants of Long-Term Changes in Blood Lipid Concentrations: 10-Year Follow-Up of the GLACIER Study. PLoS Genetics, 2014, 10, e1004388.	3.5	25
93	FTO genetic variants, dietary intake and body mass index: insights from 177 330 individuals. Human Molecular Genetics, 2014, 23, 6961-6972.	2.9	143
94	Impaired Fibrous Repair. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 2143-2150.	2.4	49
95	Association of Low-Frequency and Rare Coding-Sequence Variants with Blood Lipids and Coronary Heart Disease in 56,000 Whites and Blacks. American Journal of Human Genetics, 2014, 94, 223-232.	6.2	287
96	Meta-analysis of gene-level tests for rare variant association. Nature Genetics, 2014, 46, 200-204.	21.4	178
97	A population-based study on the prevalence of NASH using scores validated against liver histology. Journal of Hepatology, 2014, 60, 839-846.	3.7	107
98	Genetic susceptibility to obesity and diet intakes: association and interaction analyses in the Malmö Diet and Cancer Study. Genes and Nutrition, 2013, 8, 535-547.	2.5	55
99	Plasma Proneurotensin and Incidence of Diabetes, Cardiovascular Disease, Breast Cancer, and Mortality. JAMA - Journal of the American Medical Association, 2012, 308, 1469.	7.4	116
100	Patatin-like phospholipase domain-containing 3 (PNPLA3) I148M (rs738409) affects hepatic VLDL secretion in humans and in vitro. Journal of Hepatology, 2012, 57, 1276-1282.	3.7	232
101	The mouse QTL map helps interpret human genome-wide association studies for HDL cholesterol. Journal of Lipid Research, 2011, 52, 1139-1149.	4.2	28
102	Polymorphisms at newly identified lipid-associated loci are associated with blood lipids and cardiovascular disease in an Asian Malay population. Journal of Lipid Research, 2009, 50, 514-520.	4.2	53
103	Fat and carbohydrate intake modify the association between genetic variation in the FTO genotype and obesity. American Journal of Clinical Nutrition, 2009, 90, 1418-1425.	4.7	217
104	Common Missense Variant in the Glucokinase Regulatory Protein Gene Is Associated With Increased Plasma Triglyceride and C-Reactive Protein but Lower Fasting Glucose Concentrations. Diabetes, 2008, 57, 3112-3121.	0.6	264
105	Variants in the Calpain-10 Gene Predispose to Insulin Resistance and Elevated Free Fatty Acid Levels. Diabetes, 2002, 51, 2658-2664.	0.6	109
106	β ₂ -Adrenergic Receptor Gene Variation and Hypertension in Subjects With Type 2 Diabetes. Hypertension, 2001, 37, 1303-1308.	2.7	81
107	Genetic variation in the gene encoding calpain-10 is associated with type 2 diabetes mellitus. Nature Genetics, 2000, 26, 163-175.	21.4	1,403
108	Genetic Variants of Thiazide-Sensitive NaCl-Cotransporter in Gitelman's Syndrome and Primary Hypertension. Hypertension, 2000, 36, 389-394.	2.7	79

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109	Genetic Epidemiology of Type 2 Diabetes. , 0, , 95-110.		1