

Carla J H Van Der Kallen

List of Publications by Year in descending order

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Version: 2024-02-01

63
papers

2,979
citations

218677

26
h-index

182427

51
g-index

66
all docs

66
docs citations

66
times ranked

7844
citing authors

#	ARTICLE	IF	CITATIONS
1	Disease variants alter transcription factor levels and methylation of their binding sites. <i>Nature Genetics</i> , 2017, 49, 131-138.	21.4	390
2	Identification of context-dependent expression quantitative trait loci in whole blood. <i>Nature Genetics</i> , 2017, 49, 139-145.	21.4	363
3	Prediabetes and Type 2 Diabetes Are Associated With Generalized Microvascular Dysfunction. <i>Circulation</i> , 2016, 134, 1339-1352.	1.6	183
4	Blood lipids influence DNA methylation in circulating cells. <i>Genome Biology</i> , 2016, 17, 138.	8.8	154
5	Glycemic index and glycemic load in relation to food and nutrient intake and metabolic risk factors in a Dutch population. <i>American Journal of Clinical Nutrition</i> , 2008, 87, 655-661.	4.7	134
6	Metabolomics Profile in Depression: A Pooled Analysis of 230 Metabolic Markers in 5283 Cases With Depression and 10,145 Controls. <i>Biological Psychiatry</i> , 2020, 87, 409-418.	1.3	129
7	Age-related accrual of methylomic variability is linked to fundamental ageing mechanisms. <i>Genome Biology</i> , 2016, 17, 191.	8.8	120
8	Associations of low grade inflammation and endothelial dysfunction with depression â€” The Maastricht Study. <i>Brain, Behavior, and Immunity</i> , 2016, 56, 390-396.	4.1	103
9	Plasma Levels of Advanced Glycation Endproducts N ^ε -(carboxymethyl)lysine, N ^ε -(carboxyethyl)lysine, and Pentosidine Are not Independently Associated With Cardiovascular Disease in Individuals With or Without Type 2 Diabetes: The Hoorn and CODAM Studies. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, E1369-E1373.	3.6	101
10	Endoplasmic reticulum stress-induced apoptosis in the development of diabetes: is there a role for adipose tissue and liver?. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2009, 14, 1424-1434.	4.9	75
11	Complement Factor 3 Is Associated With Insulin Resistance and With Incident Type 2 Diabetes Over a 7-Year Follow-up Period: The CODAM Study. <i>Diabetes Care</i> , 2014, 37, 1900-1909.	8.6	68
12	The cross-sectional association between insulin resistance and circulating complement C3 is partly explained by plasma alanine aminotransferase, independent of central obesity and general inflammation (the CODAM study). <i>European Journal of Clinical Investigation</i> , 2011, 41, 372-379.	3.4	67
13	Integration of epidemiologic, pharmacologic, genetic and gut microbiome data in a drugâ€”metabolite atlas. <i>Nature Medicine</i> , 2020, 26, 110-117.	30.7	54
14	The Role of Hyperglycemia, Insulin Resistance, and Blood Pressure in Diabetes-Associated Differences in Cognitive Performanceâ€”The Maastricht Study. <i>Diabetes Care</i> , 2017, 40, 1537-1547.	8.6	53
15	Psychological and personality factors in type 2 diabetes mellitus, presenting the rationale and exploratory results from The Maastricht Study, a population-based cohort study. <i>BMC Psychiatry</i> , 2016, 16, 17.	2.6	50
16	Socially isolated individuals are more prone to have newly diagnosed and prevalent type 2 diabetes mellitus - the Maastricht study â€”. <i>BMC Public Health</i> , 2017, 17, 955.	2.9	50
17	Metabolic Age Based on the BBMRI-NL ¹ H-NMR Metabolomics Repository as Biomarker of Age-related Disease. <i>Circulation Genomic and Precision Medicine</i> , 2020, 13, 541-547.	3.6	50
18	Association of dietary folate and vitamin B-12 intake with genome-wide DNA methylation in blood: a large-scale epigenome-wide association analysis in 5841 individuals. <i>American Journal of Clinical Nutrition</i> , 2019, 110, 437-450.	4.7	46

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19	The association between the metabolic syndrome and alanine amino transferase is mediated by insulin resistance via related metabolic intermediates (the Cohort on Diabetes and Atherosclerosis) Tj ETQq1 1 0.784314 10.81 / Overlock 10 T	1.1	42
20	Large-scale plasma metabolome analysis reveals alterations in HDL metabolism in migraine. <i>Neurology</i> , 2019, 92, e1899-e1911.	1.1	42
21	Low-grade inflammation and insulin resistance independently explain substantial parts of the association between body fat and serum C3: The CODAM study. <i>Metabolism: Clinical and Experimental</i> , 2012, 61, 1787-1796.	3.4	40
22	The Patient Health Questionnaireâ€”9 as a Screening Tool for Depression in Individuals with Type 2 Diabetes Mellitus: The Maastricht Study. <i>Journal of the American Geriatrics Society</i> , 2016, 64, e201-e206.	2.6	36
23	Metabolic profiling of tissue-specific insulin resistance in human obesity: results from the Diogenes study and the Maastricht Study. <i>International Journal of Obesity</i> , 2020, 44, 1376-1386.	3.4	36
24	Both Prediabetes and Type 2 Diabetes Are Associated With Lower Heart Rate Variability: The Maastricht Study. <i>Diabetes Care</i> , 2020, 43, 1126-1133.	8.6	35
25	Advanced Glycation End Product (AGE) Accumulation in the Skin is Associated with Depression: The Maastricht Study. <i>Depression and Anxiety</i> , 2017, 34, 59-67.	4.1	32
26	Sedentary behaviour and physical activity are associated with biomarkers of endothelial dysfunction and low-grade inflammationâ€”relevance for (pre)diabetes: The Maastricht Study. <i>Diabetologia</i> , 2022, 65, 777-789.	6.3	32
27	Validated inference of smoking habits from blood with a finite DNA methylation marker set. <i>European Journal of Epidemiology</i> , 2019, 34, 1055-1074.	5.7	31
28	Multiple Inflammatory Biomarker Detection in a Prospective Cohort Study: A Cross-Validation between Well-Established Single-Biomarker Techniques and an Electrochemiluminescence-Based Multi-Array Platform. <i>PLoS ONE</i> , 2013, 8, e58576.	2.5	26
29	Blood Metabolomic Measures Associate With Present and Future Glycemic Control in Type 2 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 4569-4579.	3.6	25
30	The cross-sectional association between uric acid and atherosclerosis and the role of low-grade inflammation: the CODAM study. <i>Rheumatology</i> , 2014, 53, 2053-2062.	1.9	24
31	Plasma Metabolomics Identifies Markers of Impaired Renal Function: A Meta-analysis of 3089 Persons with Type 2 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, 2275-2287.	3.6	24
32	Complement C3 and C4, but not their regulators or activated products, are associated with incident metabolic syndrome: the CODAM study. <i>Endocrine</i> , 2018, 62, 617-627.	2.3	22
33	High dietary glycemic load is associated with higher concentrations of urinary advanced glycation endproducts: the Cohort on Diabetes and Atherosclerosis Maastricht (CODAM) Study. <i>American Journal of Clinical Nutrition</i> , 2019, 110, 358-366.	4.7	22
34	Abdominal Obesity and Expression of Familial Combined Hyperlipidemia. <i>Obesity</i> , 2004, 12, 2054-2061.	4.0	21
35	A Common Gene Variant in Glucokinase Regulatory Protein Interacts With Glucose Metabolism on Diabetic Dyslipidemia: the Combined CODAM and Hoorn Studies. <i>Diabetes Care</i> , 2016, 39, 1811-1817.	8.6	21
36	Association of the Amount and Pattern of Physical Activity With Arterial Stiffness: The Maastricht Study. <i>Journal of the American Heart Association</i> , 2020, 9, e017502.	3.7	19

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37	Physical Activity Is Associated With Glucose Tolerance Independent of Microvascular Function: The Maastricht Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 3324-3332.	3.6	18
38	Associations of (pre)diabetes with right ventricular and atrial structure and function: the Maastricht Study. <i>Cardiovascular Diabetology</i> , 2020, 19, 88.	6.8	18
39	Association of Markers of Microvascular Dysfunction With Prevalent and Incident Depressive Symptoms. <i>Hypertension</i> , 2020, 76, 342-349.	2.7	18
40	Glucose Variability Assessed with Continuous Glucose Monitoring: Reliability, Reference Values, and Correlations with Established Glycemic Indicesâ€”The Maastricht Study. <i>Diabetes Technology and Therapeutics</i> , 2020, 22, 395-403.	4.4	17
41	The endothelial function biomarker soluble Eâ€selectin is associated with nonalcoholic fatty liver disease. <i>Liver International</i> , 2020, 40, 1079-1088.	3.9	17
42	Associations of the Lifestyle for Brain Health Index With Structural Brain Changes and Cognition. <i>Neurology</i> , 2021, 97, e1300-e1312.	1.1	17
43	Higher habitual intake of dietary dicarbonyls is associated with higher corresponding plasma dicarbonyl concentrations and skin autofluorescence: the Maastricht Study. <i>American Journal of Clinical Nutrition</i> , 2022, 115, 34-44.	4.7	17
44	<i>Receptor for Advanced Glycation End Product Polymorphisms and Type 2 Diabetes</i>. <i>Annals of the New York Academy of Sciences</i> , 2008, 1126, 162-165.	3.8	16
45	Plasma PAI-1 levels are independently related to fatty liver and hypertriglyceridemia in familial combined hyperlipidemia, involvement of apolipoprotein E. <i>Thrombosis Research</i> , 2008, 122, 466-472.	1.7	15
46	Bcll glucocorticoid receptor polymorphism in relation to cardiovascular variables: the Hoorn and CODAM studies. <i>European Journal of Endocrinology</i> , 2015, 173, 455-464.	3.7	15
47	Hyperglycemia Is the Main Mediator of Prediabetes- and Type 2 Diabetesâ€Associated Impairment of Microvascular Function: The Maastricht Study. <i>Diabetes Care</i> , 2017, 40, e103-e105.	8.6	12
48	A Privacy-Preserving Infrastructure for Analyzing Personal Health Data in a Vertically Partitioned Scenario. <i>Studies in Health Technology and Informatics</i> , 2019, 264, 373-377.	0.3	12
49	Fructose Intake From Fruit Juice and Sugar-Sweetened Beverages Is Associated With Higher Intrahepatic Lipid Content: The Maastricht Study. <i>Diabetes Care</i> , 2022, 45, 1116-1123.	8.6	11
50	Metformin use in type 2 diabetic patients is not associated with lower arterial stiffness. <i>Journal of Hypertension</i> , 2019, 37, 365-371.	0.5	8
51	Carotid circumferential wall stress is not associated with cognitive performance among individuals in late middle age: The Maastricht Study. <i>Atherosclerosis</i> , 2018, 276, 15-22.	0.8	7
52	Higher levels of daily physical activity are associated with better skin microvascular function in type 2 diabetesâ€The Maastricht Study. <i>Microcirculation</i> , 2020, 27, e12611.	1.8	7
53	Validating biomarkers and models for epigenetic inference of alcohol consumption from blood. <i>Clinical Epigenetics</i> , 2021, 13, 198.	4.1	7
54	Accelerometer-derived sedentary time and physical activity and the incidence of depressive symptoms â€The Maastricht Study. <i>Psychological Medicine</i> , 2022, 52, 2786-2793.	4.5	5

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55	Sex Disparities in Cardiovascular Risk Factor Assessment and Screening for Diabetes-Related Complications in Individuals With Diabetes: A Systematic Review. <i>Frontiers in Endocrinology</i> , 2021, 12, 617902.	3.5	4
56	Towards precision medicine in diabetes? A critical review of glucoypes. <i>PLoS Biology</i> , 2021, 19, e3000890.	5.6	4
57	Associations of dicarbonyl stress with complement activation: the CODAM study. <i>Diabetologia</i> , 2020, 63, 1032-1042.	6.3	3
58	Intrahepatic lipid content is independently associated with soluble E-selectin levels: The Maastricht study. <i>Digestive and Liver Disease</i> , 2022, 54, 1038-1043.	0.9	3
59	An interferon-related signature characterizes the whole blood transcriptome profile of insulin-resistant individualsâ€”the CODAM study. <i>Genes and Nutrition</i> , 2021, 16, 22.	2.5	3
60	Polymorphisms in Glyoxalase I Gene Are Not Associated with Glyoxalase I Expression in Whole Blood or Markers of Methylglyoxal Stress: The CODAM Study. <i>Antioxidants</i> , 2021, 10, 219.	5.1	2
61	PS8 - 39. Bcl glucocorticoid receptor polymorphism is associated with greater body fatness and higher insulin resistance: The Hoorn and CODAM Studies. <i>Nederlands Tijdschrift Voor Diabetologie</i> , 2012, 10, 125-125.	0.0	0
62	PS18 - 84. Expression of the complement system is upregulated in subcutaneous adipocytes from non-obese hypertriglyceridemic subjects and is associated with local insulin resistance. <i>Nederlands Tijdschrift Voor Diabetologie</i> , 2012, 10, 159-159.	0.0	0
63	White matter network structure as a substrate of cognitive brain reserve in cerebral smallâ€”vessel disease: The Maastricht Study. <i>Alzheimer's and Dementia</i> , 2021, 17, .	0.8	0