

Cornelia Huth

List of Publications by Year in descending order

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Version: 2024-02-01

104
papers

7,922
citations

66315

42
h-index

53190

85
g-index

109
all docs

109
docs citations

109
times ranked

16219
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel biomarkers of inflammation, kidney function and chronic kidney disease in the general population. <i>Nephrology Dialysis Transplantation</i> , 2022, 37, 1916-1926.	0.4	8
2	Influence of geographical latitude on vitamin D status: cross-sectional results from the BiomarCaRE consortium. <i>British Journal of Nutrition</i> , 2022, 128, 2208-2218.	1.2	4
3	Effect of obesity on the associations of 25-hydroxyvitamin D with prevalent and incident distal sensorimotor polyneuropathy: population-based KORA F4/FF4 study. <i>International Journal of Obesity</i> , 2022, 46, 1366-1374.	1.6	2
4	Associations between haemoglobin A _{1c} and mortality rate in the KORA S4 and the Heinz Nixdorf Recall population-based cohort studies. <i>Diabetes/Metabolism Research and Reviews</i> , 2021, 37, e3369.	1.7	0
5	Serum uromodulin is inversely associated with biomarkers of subclinical inflammation in the population-based KORA F4 study. <i>CKJ: Clinical Kidney Journal</i> , 2021, 14, 1618-1625.	1.4	9
6	Multiplatform Approach for Plasma Proteomics: Complementarity of Olink Proximity Extension Assay Technology to Mass Spectrometry-Based Protein Profiling. <i>Journal of Proteome Research</i> , 2021, 20, 751-762.	1.8	100
7	Reversion from prediabetes to normoglycaemia after weight change in older persons: The KORA F4/FF4 study. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2021, 31, 429-438.	1.1	8
8	Long-term exposure to air pollution, road traffic noise, residential greenness, and prevalent and incident metabolic syndrome: Results from the population-based KORA F4/FF4 cohort in Augsburg, Germany. <i>Environment International</i> , 2021, 147, 106364.	4.8	32
9	Validation of Candidate Phospholipid Biomarkers of Chronic Kidney Disease in Hyperglycemic Individuals and Their Organ-Specific Exploration in Leptin Receptor-Deficient db/db Mouse. <i>Metabolites</i> , 2021, 11, 89.	1.3	10
10	Metabolic syndrome and the plasma proteome: from association to causation. <i>Cardiovascular Diabetology</i> , 2021, 20, 111.	2.7	19
11	Comparison of genetic risk prediction models to improve prediction of coronary heart disease in two large cohorts of the MONICA/KORA study. <i>Genetic Epidemiology</i> , 2021, 45, 633-650.	0.6	6
12	Longitudinal associations between ambient air pollution and insulin sensitivity: results from the KORA cohort study. <i>Lancet Planetary Health</i> , The, 2021, 5, e39-e49.	5.1	40
13	A Panel of 6 Biomarkers Significantly Improves the Prediction of Type 2 Diabetes in the MONICA/KORA Study Population. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, 1647-1659.	1.8	11
14	Modifying effect of metabotype on diet-diabetes associations. <i>European Journal of Nutrition</i> , 2020, 59, 1357-1369.	1.8	13
15	Machine Learning Approaches Reveal Metabolic Signatures of Incident Chronic Kidney Disease in Individuals With Prediabetes and Type 2 Diabetes. <i>Diabetes</i> , 2020, 69, 2756-2765.	0.3	33
16	Association of endothelial dysfunction with incident prediabetes, type 2 diabetes and related traits: the KORA F4/FF4 study. <i>BMJ Open Diabetes Research and Care</i> , 2020, 8, e001321.	1.2	6
17	Deciphering the Plasma Proteome of Type 2 Diabetes. <i>Diabetes</i> , 2020, 69, 2766-2778.	0.3	34
18	Proinsulin to insulin ratio is associated with incident type 2 diabetes but not with vascular complications in the KORA F4/FF4 study. <i>BMJ Open Diabetes Research and Care</i> , 2020, 8, e001425.	1.2	11

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19	Association of Dietary Patterns and Type-2 Diabetes Mellitus in Metabolically Homogeneous Subgroups in the KORA FF4 Study. <i>Nutrients</i> , 2020, 12, 1684.	1.7	13
20	Biomarker-defined pathways for incident type 2 diabetes and coronary heart disease—a comparison in the MONICA/KORA study. <i>Cardiovascular Diabetology</i> , 2020, 19, 32.	2.7	18
21	Abstract 21: Deciphering the Plasma Proteome of Type 2 Diabetes. <i>Circulation</i> , 2020, 141, .	1.6	1
22	Association of Long-Term Air Pollution with Prevalence and Incidence of Distal Sensorimotor Polyneuropathy: KORA F4/FF4 Study. <i>Environmental Health Perspectives</i> , 2020, 128, 127013.	2.8	13
23	Visceral adiposity index (VAI), lipid accumulation product (LAP), and product of triglycerides and glucose (TyG) to discriminate prediabetes and diabetes. <i>Scientific Reports</i> , 2019, 9, 9693.	1.6	101
24	Persistent organic pollutants and the incidence of type 2 diabetes in the CARLA and KORA cohort studies. <i>Environment International</i> , 2019, 129, 221-228.	4.8	52
25	Incidence Rates of Type 2 Diabetes in People With Impaired Fasting Glucose (ADA vs. WHO Criteria) and Impaired Glucose Tolerance: Results From an Older Population (KORA S4/F4/FF4 Study). <i>Diabetes Care</i> , 2019, 42, e18-e20.	4.3	8
26	Protein markers and risk of type 2 diabetes and prediabetes: a targeted proteomics approach in the KORA F4/FF4 study. <i>European Journal of Epidemiology</i> , 2019, 34, 409-422.	2.5	37
27	General and Abdominal Obesity and Incident Distal Sensorimotor Polyneuropathy: Insights Into Inflammatory Biomarkers as Potential Mediators in the KORA F4/FF4 Cohort. <i>Diabetes Care</i> , 2019, 42, 240-247.	4.3	64
28	Serum uromodulin is inversely associated with the metabolic syndrome in the KORA F4 study. <i>Endocrine Connections</i> , 2019, 8, 1363-1371.	0.8	10
29	The Association between Serum 25-Hydroxyvitamin D and Cancer Risk: Results from the Prospective KORA F4 Study. <i>Oncology Research and Treatment</i> , 2018, 41, 117-121.	0.8	11
30	Myeloperoxidase, superoxide dismutase β , cardiometabolic risk factors, and distal sensorimotor polyneuropathy: The KORA F4/FF4 study. <i>Diabetes/Metabolism Research and Reviews</i> , 2018, 34, e3000.	1.7	18
31	Association of fetuin-A with incident type 2 diabetes: results from the MONICA/KORA Augsburg study and a systematic meta-analysis. <i>European Journal of Endocrinology</i> , 2018, 178, 389-398.	1.9	17
32	Prediabetes is associated with microalbuminuria, reduced kidney function and chronic kidney disease in the general population. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2018, 28, 234-242.	1.1	42
33	Association of glycemic status and segmental left ventricular wall thickness in subjects without prior cardiovascular disease: a cross-sectional study. <i>BMC Cardiovascular Disorders</i> , 2018, 18, 162.	0.7	18
34	A Systemic Inflammatory Signature Reflecting Cross Talk Between Innate and Adaptive Immunity Is Associated With Incident Polyneuropathy: KORA F4/FF4 Study. <i>Diabetes</i> , 2018, 67, 2434-2442.	0.3	36
35	Association of changes in inflammation with variation in glycaemia, insulin resistance and secretion based on the KORA study. <i>Diabetes/Metabolism Research and Reviews</i> , 2018, 34, e3063.	1.7	7
36	Proinflammatory Cytokines Predict the Incidence and Progression of Distal Sensorimotor Polyneuropathy: KORA F4/FF4 Study. <i>Diabetes Care</i> , 2017, 40, 569-576.	4.3	88

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37	Circulating Levels of Interleukin 1-Receptor Antagonist and Risk of Cardiovascular Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, 1222-1227.	1.1	81
38	1000 Genomes-based meta-analysis identifies 10 novel loci for kidney function. <i>Scientific Reports</i> , 2017, 7, 45040.	1.6	98
39	Ultra-sensitive troponin I is an independent predictor of incident coronary heart disease in the general population. <i>European Journal of Epidemiology</i> , 2017, 32, 583-591.	2.5	10
40	Plasma Concentrations of Afamin Are Associated With Prevalent and Incident Type 2 Diabetes: A Pooled Analysis in More Than 20,000 Individuals. <i>Diabetes Care</i> , 2017, 40, 1386-1393.	4.3	59
41	Independent and opposite associations of serum levels of omentin-1 and adiponectin with increases of glycaemia and incident type 2 diabetes in an older population: KORA F4/FF4 study. <i>European Journal of Endocrinology</i> , 2017, 177, 277-286.	1.9	23
42	Serum levels of interleukin-22, cardiometabolic risk factors and incident type 2 diabetes: KORA F4/FF4 study. <i>Cardiovascular Diabetology</i> , 2017, 16, 17.	2.7	20
43	Sequence data and association statistics from 12,940 type 2 diabetes cases and controls. <i>Scientific Data</i> , 2017, 4, 170179.	2.4	31
44	Perceived risk of diabetes seriously underestimates actual diabetes risk: The KORA FF4 study. <i>PLoS ONE</i> , 2017, 12, e0171152.	1.1	64
45	Inverse associations between serum levels of secreted frizzled-related protein-5 (SFRP5) and multiple cardiometabolic risk factors: KORA F4 study. <i>Cardiovascular Diabetology</i> , 2017, 16, 109.	2.7	49
46	Genome-wide physical activity interactions in adiposity – A meta-analysis of 200,452 adults. <i>PLoS Genetics</i> , 2017, 13, e1006528.	1.5	158
47	What is the impact of different spirometric criteria on the prevalence of spirometrically defined COPD and its comorbidities? Results from the population-based KORA study. <i>International Journal of COPD</i> , 2016, Volume 11, 1881-1894.	0.9	12
48	The genetic architecture of type 2 diabetes. <i>Nature</i> , 2016, 536, 41-47.	13.7	952
49	<i>KLB</i> is associated with alcohol drinking, and its gene product β 2-Klotho is necessary for FGF21 regulation of alcohol preference. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 14372-14377.	3.3	208
50	MASP1, THBS1, GPLD1 and ApoA-IV are novel biomarkers associated with prediabetes: the KORA F4 study. <i>Diabetologia</i> , 2016, 59, 1882-1892.	2.9	54
51	Quality of Diabetes Care in Germany Improved from 2000 to 2007 to 2014, but Improvements Diminished since 2007. Evidence from the Population-Based KORA Studies. <i>PLoS ONE</i> , 2016, 11, e0164704.	1.1	46
52	Association between apolipoprotein A-IV concentrations and chronic kidney disease in two large population-based cohorts: results from the KORA studies. <i>Journal of Internal Medicine</i> , 2015, 278, 410-423.	2.7	18
53	Intake of Vitamin and Mineral Supplements and Longitudinal Association with HbA1c Levels in the General Non-Diabetic Population – Results from the MONICA/KORA S3/F3 Study. <i>PLoS ONE</i> , 2015, 10, e0139244.	1.1	4
54	Association of subclinical inflammation with deterioration of glycaemia before the diagnosis of type 2 diabetes: the KORA S4/F4 study. <i>Diabetologia</i> , 2015, 58, 2269-2277.	2.9	34

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55	Associations between calcium and vitamin D supplement use as well as their serum concentrations and subclinical cardiovascular disease phenotypes. <i>Atherosclerosis</i> , 2015, 241, 743-751.	0.4	17
56	Association of low 25-hydroxyvitamin D levels with the frailty syndrome in an aged population: Results from the KORA-Age Augsburg study. <i>Journal of Nutrition, Health and Aging</i> , 2015, 19, 258-264.	1.5	37
57	Adiponectin may mediate the association between omentin, circulating lipids and insulin sensitivity: results from the KORA F4 study. <i>European Journal of Endocrinology</i> , 2015, 172, 423-432.	1.9	62
58	Biomarkers of iron metabolism are independently associated with impaired glucose metabolism and type 2 diabetes: the KORA F4 study. <i>European Journal of Endocrinology</i> , 2015, 173, 643-653.	1.9	53
59	Plasma Concentrations of Afamin Are Associated With the Prevalence and Development of Metabolic Syndrome. <i>Circulation: Cardiovascular Genetics</i> , 2014, 7, 822-829.	5.1	62
60	Association of iron indices and type 2 diabetes: a meta-analysis of observational studies. <i>Diabetes/Metabolism Research and Reviews</i> , 2014, 30, 372-394.	1.7	67
61	Rare variants in <i>PPARG</i> with decreased activity in adipocyte differentiation are associated with increased risk of type 2 diabetes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 13127-13132.	3.3	152
62	Job Strain as a Risk Factor for the Onset of Type 2 Diabetes Mellitus. <i>Psychosomatic Medicine</i> , 2014, 76, 562-568.	1.3	49
63	Leveraging Cross-Species Transcription Factor Binding Site Patterns: From Diabetes Risk Loci to Disease Mechanisms. <i>Cell</i> , 2014, 156, 343-358.	13.5	113
64	Influence of external, intrinsic and individual behaviour variables on serum 25(OH)D in a German survey. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2014, 140, 120-129.	1.7	18
65	Comparative analysis of plasma metabolomics response to metabolic challenge tests in healthy subjects and influence of the FTO obesity risk allele. <i>Metabolomics</i> , 2014, 10, 386-401.	1.4	16
66	The use of dietary supplements among older persons in Southern Germany – Results from the KORA-age study. <i>Journal of Nutrition, Health and Aging</i> , 2014, 18, 510-519.	1.5	34
67	Simulation of Finnish Population History, Guided by Empirical Genetic Data, to Assess Power of Rare-Variant Tests in Finland. <i>American Journal of Human Genetics</i> , 2014, 94, 710-720.	2.6	24
68	Serum potassium is associated with prediabetes and newly diagnosed diabetes in hypertensive adults from the general population: The KORA F4-Study. <i>Diabetologia</i> , 2013, 56, 484-491.	2.9	23
69	Are diabetes risk scores useful for the prediction of cardiovascular diseases? Assessment of seven diabetes risk scores in the KORA S4/F4 cohort study. <i>Journal of Diabetes and Its Complications</i> , 2013, 27, 340-345.	1.2	4
70	Low Levels of Serum 25-Hydroxyvitamin D Are Associated with Increased Risk of Myocardial Infarction, Especially in Women: Results from the MONICA/KORA Augsburg Case-Cohort Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, 272-280.	1.8	64
71	Relationship between posttraumatic stress disorder and Type 2 Diabetes in a population-based cross-sectional study with 2970 participants. <i>Journal of Psychosomatic Research</i> , 2013, 74, 340-345.	1.2	79
72	Medication Costs by Glucose Tolerance Stage in Younger and Older Women and Men: Results from the Population-based KORA Survey in Germany. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2013, 121, 614-623.	0.6	3

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73	Drug Costs in Prediabetes and Undetected Diabetes Compared With Diagnosed Diabetes and Normal Glucose Tolerance: Results From the Population-Based KORA Survey in Germany. <i>Diabetes Care</i> , 2013, 36, e53-e54.	4.3	13
74	Patient time costs attributable to healthcare use in diabetes: results from the population-based KORA survey in Germany. <i>Diabetic Medicine</i> , 2013, 30, 1245-1249.	1.2	5
75	Genetic variation in the vaspin gene affects circulating serum vaspin concentrations. <i>International Journal of Obesity</i> , 2013, 37, 861-866.	1.6	28
76	Acute-Phase Serum Amyloid A Protein and Its Implication in the Development of Type 2 Diabetes in the KORA S4/F4 Study. <i>Diabetes Care</i> , 2013, 36, 1321-1326.	4.3	40
77	Plasma Metabolomics Reveal Alterations of Sphingo- and Glycerophospholipid Levels in Non-Diabetic Carriers of the Transcription Factor 7-Like 2 Polymorphism rs7903146. <i>PLoS ONE</i> , 2013, 8, e78430.	1.1	21
78	Novel Loci for Adiponectin Levels and Their Influence on Type 2 Diabetes and Metabolic Traits: A Multi-Ethnic Meta-Analysis of 45,891 Individuals. <i>PLoS Genetics</i> , 2012, 8, e1002607.	1.5	419
79	Hemoglobin A1c and glucose criteria identify different subjects as having type 2 diabetes in middle-aged and older populations: The KORA S4/F4 Study. <i>Annals of Medicine</i> , 2012, 44, 170-177.	1.5	47
80	Skin barrier abnormality caused by filaggrin (FLG) mutations is associated with increased serum 25-hydroxyvitamin D concentrations. <i>Journal of Allergy and Clinical Immunology</i> , 2012, 130, 1204-1207.e2.	1.5	76
81	Novel biomarkers for prediabetes identified by metabolomics. <i>Molecular Systems Biology</i> , 2012, 8, 615.	3.2	605
82	A Genome-Wide Association Search for Type 2 Diabetes Genes in African Americans. <i>PLoS ONE</i> , 2012, 7, e29202.	1.1	197
83	Age at menarche is associated with prediabetes and diabetes in women (aged 32-81 years) from the general population: the KORA F4 Study. <i>Diabetologia</i> , 2012, 55, 681-688.	2.9	78
84	Genome-Wide Association Study to Identify Common Variants Associated with Brachial Circumference: A Meta-Analysis of 14 Cohorts. <i>PLoS ONE</i> , 2012, 7, e31369.	1.1	3
85	Age at Menarche and Its Association with the Metabolic Syndrome and Its Components: Results from the KORA F4 Study. <i>PLoS ONE</i> , 2011, 6, e26076.	1.1	99
86	Categories of glucose tolerance and continuous glycemic measures and mortality. <i>European Journal of Epidemiology</i> , 2011, 26, 637-645.	2.5	41
87	Retinol-Binding Protein 4 Is Associated With Prediabetes in Adults From the General Population. <i>Diabetes Care</i> , 2011, 34, 1648-1650.	4.3	64
88	Effect of Serum 25-Hydroxyvitamin D on Risk for Type 2 Diabetes May Be Partially Mediated by Subclinical Inflammation. <i>Diabetes Care</i> , 2011, 34, 2320-2322.	4.3	77
89	Genes and lifestyle factors in obesity: results from 12,462 subjects from MONICA/KORA. <i>International Journal of Obesity</i> , 2010, 34, 1538-1545.	1.6	50
90	Twelve type 2 diabetes susceptibility loci identified through large-scale association analysis. <i>Nature Genetics</i> , 2010, 42, 579-589.	9.4	1,631

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91	Meta-Analysis of the INSL2 Association with Obesity Including 74,345 Individuals: Does Heterogeneity of Estimates Relate to Study Design?. <i>PLoS Genetics</i> , 2009, 5, e1000694.	1.5	62
92	Joint analysis of individual participants' data from 17 studies on the association of the IL6 variant -174G>C with circulating glucose levels, interleukin-6 levels, and body mass index. <i>Annals of Medicine</i> , 2009, 41, 128-138.	1.5	51
93	Association of the MC4R V103I Polymorphism With the Metabolic Syndrome: The KORA Study. <i>Obesity</i> , 2008, 16, 369-376.	1.5	54
94	Estimating the Single Nucleotide Polymorphism Genotype Misclassification From Routine Double Measurements in a Large Epidemiologic Sample. <i>American Journal of Epidemiology</i> , 2008, 168, 878-889.	1.6	17
95	Variants of the PPARG, IGF2BP2, CDKAL1, HHEX, and TCF7L2 Genes Confer Risk of Type 2 Diabetes Independently of BMI in the German KORA Studies. <i>Hormone and Metabolic Research</i> , 2008, 40, 722-726.	0.7	71
96	Calpain-10 variants and haplotypes are associated with polycystic ovary syndrome in Caucasians. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007, 292, E836-E844.	1.8	31
97	Variants of the Transcription Factor 7-Like 2 Gene (TCF7L2) are Strongly Associated with Type 2 Diabetes but not with the Metabolic Syndrome in the MONICA/KORA Surveys. <i>Hormone and Metabolic Research</i> , 2007, 39, 46-52.	0.7	64
98	Gene variants of monocyte chemoattractant protein 1 and components of metabolic syndrome in KORA S4, Augsburg. <i>European Journal of Endocrinology</i> , 2007, 156, 377-385.	1.9	13
99	Genetic variants in the leukemia-associated Rho guanine nucleotide exchange factor (ARHGEF12) gene are not associated with T2DM and related parameters in Caucasians (KORA study). <i>European Journal of Endocrinology</i> , 2007, 157, R1-R5.	1.9	3
100	APOA5 variants and metabolic syndrome in Caucasians. <i>Journal of Lipid Research</i> , 2007, 48, 2614-2621.	2.0	66
101	Individuals With Very Low Alcohol Consumption: A Heterogeneous Group. <i>Journal of Studies on Alcohol and Drugs</i> , 2007, 68, 6-10.	0.6	14
102	IL-6 promoter polymorphisms and quantitative traits related to the metabolic syndrome in KORA S4. <i>Experimental Gerontology</i> , 2006, 41, 737-745.	1.2	22
103	IL6 Gene Promoter Polymorphisms and Type 2 Diabetes: Joint Analysis of Individual Participants' Data From 21 Studies. <i>Diabetes</i> , 2006, 55, 2915-2921.	0.3	99
104	Common Variants in Myocardial Ion Channel Genes Modify the QT Interval in the General Population. <i>Circulation Research</i> , 2005, 96, 693-701.	2.0	138