Barbara Thorand

List of Publications by Citations

288 papers	**24,823** citations	**64** h-index	**154** g-index
316 ext. papers	**30,052** ext. citations	**8.5** avg, IF	**5.62** L-index

#	Paper	IF	Citations
288	Genetic studies of body mass index yield new insights for obesity biology. *Nature*, **2015**, 518, 197-206	50.4	2687
287	New genetic loci implicated in fasting glucose homeostasis and their impact on type 2 diabetes risk. *Nature Genetics*, **2010**, 42, 105-16	36.3	1673
286	Large-scale association analysis provides insights into the genetic architecture and pathophysiology of type 2 diabetes. *Nature Genetics*, **2012**, 44, 981-90	36.3	1482
285	Twelve type 2 diabetes susceptibility loci identified through large-scale association analysis. *Nature Genetics*, **2010**, 42, 579-89	36.3	1449
284	New genetic loci link adipose and insulin biology to body fat distribution. *Nature*, **2015**, 518, 187-196	50.4	920
283	Genome-wide trans-ancestry meta-analysis provides insight into the genetic architecture of type 2 diabetes susceptibility. *Nature Genetics*, **2014**, 46, 234-44	36.3	784
282	The genetic architecture of type 2 diabetes. *Nature*, **2016**, 536, 41-47	50.4	704
281	Fine-mapping type 2 diabetes loci to single-variant resolution using high-density imputation and islet-specific epigenome maps. *Nature Genetics*, **2018**, 50, 1505-1513	36.3	675
280	Epigenome-wide association study of body mass index, and the adverse outcomes of adiposity. *Nature*, **2017**, 541, 81-86	50.4	511
279	Novel biomarkers for pre-diabetes identified by metabolomics. *Molecular Systems Biology*, **2012**, 8, 615	12.2	468
278	Genome-wide meta-analysis identifies 11 new loci for anthropometric traits and provides insights into genetic architecture. *Nature Genetics*, **2013**, 45, 501-12	36.3	437
277	Mendelian randomization of blood lipids for coronary heart disease. *European Heart Journal*, **2015**, 36, 539-50	9.5	417
276	An Expanded Genome-Wide Association Study of Type 2 Diabetes in Europeans. *Diabetes*, **2017**, 66, 2888-2902	8.9	414
275	Meta-analysis of genome-wide association studies in >80 000 subjects identifies multiple loci for C-reactive protein levels. *Circulation*, **2011**, 123, 731-8	16.7	395
274	Novel loci for adiponectin levels and their influence on type 2 diabetes and metabolic traits: a multi-ethnic meta-analysis of 45,891 individuals. *PLoS Genetics*, **2012**, 8, e1002607	6	326
273	Genetic fine mapping and genomic annotation defines causal mechanisms at type 2 diabetes susceptibility loci. *Nature Genetics*, **2015**, 47, 1415-25	36.3	292
272	Epigenome-wide association of DNA methylation markers in peripheral blood from Indian Asians and Europeans with incident type 2 diabetes: a nested case-control study. *Lancet Diabetes and Endocrinology, the*, **2015**, 3, 526-534	18.1	277

271	Sex-stratified genome-wide association studies including 270,000 individuals show sexual dimorphism in genetic loci for anthropometric traits. *PLoS Genetics*, **2013**, 9, e1003500	6	277
270	Vitamin D and mortality: meta-analysis of individual participant data from a large consortium of cohort studies from Europe and the United States. *BMJ, The*, **2014**, 348, g3656	5.9	265
269	Meta-analyses identify 13 loci associated with age at menopause and highlight DNA repair and immune pathways. *Nature Genetics*, **2012**, 44, 260-8	36.3	243
268	C-reactive protein as a predictor for incident diabetes mellitus among middle-aged men: results from the MONICA Augsburg cohort study, 1984-1998. *Archives of Internal Medicine*, **2003**, 163, 93-9		242
267	Cardiovascular effects of fine and ultrafine particles. *Journal of Aerosol Medicine and Pulmonary Drug Delivery*, **2005**, 18, 1-22		233
266	Refining the accuracy of validated target identification through coding variant fine-mapping in type 2 diabetes. *Nature Genetics*, **2018**, 50, 559-571	36.3	221
265	The Influence of Age and Sex on Genetic Associations with Adult Body Size and Shape: A Large-Scale Genome-Wide Interaction Study. *PLoS Genetics*, **2015**, 11, e1005378	6	220
264	Large-scale gene-centric meta-analysis across 39 studies identifies type 2 diabetes loci. *American Journal of Human Genetics*, **2012**, 90, 410-25	11	214
263	Sex differences in risk factors for incident type 2 diabetes mellitus: the MONICA Augsburg cohort study. *Archives of Internal Medicine*, **2002**, 162, 82-9		192
262	Sex differences in the relation of body composition to markers of inflammation. *Atherosclerosis*, **2006**, 184, 216-24	3.1	191
261	Large-scale gene-centric meta-analysis across 32 studies identifies multiple lipid loci. *American Journal of Human Genetics*, **2012**, 91, 823-38	11	189
260	Body fat distribution and risk of type 2 diabetes in the general population: are there differences between men and women? The MONICA/KORA Augsburg cohort study. *American Journal of Clinical Nutrition*, **2006**, 84, 483-9	7	178
259	Patterns of multimorbidity in the aged population. Results from the KORA-Age study. *PLoS ONE*, **2012**, 7, e30556	3.7	159
258	Elevated levels of interleukin-18 predict the development of type 2 diabetes: results from the MONICA/KORA Augsburg Study, 1984-2002. *Diabetes*, **2005**, 54, 2932-8	0.9	145
257	Troponin I and cardiovascular risk prediction in the general population: the BiomarCaRE consortium. *European Heart Journal*, **2016**, 37, 2428-37	9.5	140
256	A genome-wide association search for type 2 diabetes genes in African Americans. *PLoS ONE*, **2012**, 7, e29202	3.7	138
255	Association between domains of physical activity and all-cause, cardiovascular and cancer mortality. *European Journal of Epidemiology*, **2011**, 26, 91-9	12.1	138
254	Sex differences in the prediction of type 2 diabetes by inflammatory markers: results from the MONICA/KORA Augsburg case-cohort study, 1984-2002. *Diabetes Care*, **2007**, 30, 854-60	14.6	135

253	Homocysteine and coronary heart disease: meta-analysis of MTHFR case-control studies, avoiding publication bias. *PLoS Medicine*, **2012**, 9, e1001177	11.6	135
252	Application of High-Sensitivity Troponin in Suspected Myocardial Infarction. *New England Journal of Medicine*, **2019**, 380, 2529-2540	59.2	134
251	Association of systemic chemokine concentrations with impaired glucose tolerance and type 2 diabetes: results from the Cooperative Health Research in the Region of Augsburg Survey S4 (KORA S4). *Diabetes*, **2005**, 54 Suppl 2, S11-7	0.9	132
250	Gene-centric meta-analysis in 87,736 individuals of European ancestry identifies multiple blood-pressure-related loci. *American Journal of Human Genetics*, **2014**, 94, 349-60	11	131
249	Clear detection of ADIPOQ locus as the major gene for plasma adiponectin: results of genome-wide association analyses including 4659 European individuals. *Atherosclerosis*, **2010**, 208, 412-20	3.1	128
248	Loci influencing blood pressure identified using a cardiovascular gene-centric array. *Human Molecular Genetics*, **2013**, 22, 1663-78	5.6	119
247	Increased concentrations of C-reactive protein and IL-6 but not IL-18 are independently associated with incident coronary events in middle-aged men and women: results from the MONICA/KORA Augsburg case-cohort study, 1984-2002. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2006**, 26, 2745-51	9.4	117
246	Elevated markers of endothelial dysfunction predict type 2 diabetes mellitus in middle-aged men and women from the general population. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2006**, 26, 398-405	9.4	115
245	Lipoprotein(a) and the risk of cardiovascular disease in the European population: results from the BiomarCaRE consortium. *European Heart Journal*, **2017**, 38, 2490-2498	9.5	108
244	Genome-wide meta-analysis of 241,258 adults accounting for smoking behaviour identifies novel loci for obesity traits. *Nature Communications*, **2017**, 8, 14977	17.4	105
243	Meta-analysis of Dense Genecentric Association Studies Reveals Common and Uncommon Variants Associated with Height. *American Journal of Human Genetics*, **2011**, 88, 6-18	11	103
242	Multimorbidity and health-related quality of life in the older population: results from the German KORA-age study. *Health and Quality of Life Outcomes*, **2011**, 9, 53	3	103
241	Genome-wide physical activity interactions in adiposity - A meta-analysis of 200,452 adults. *PLoS Genetics*, **2017**, 13, e1006528	6	103
240	Leveraging cross-species transcription factor binding site patterns: from diabetes risk loci to disease mechanisms. *Cell*, **2014**, 156, 343-58	56.2	96
239	Chemokines and incident coronary heart disease: results from the MONICA/KORA Augsburg case-cohort study, 1984-2002. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2006**, 26, 2147-52	9.4	92
238	IL6 gene promoter polymorphisms and type 2 diabetes: joint analysis of individual participantsQ data from 21 studies. *Diabetes*, **2006**, 55, 2915-21	0.9	91
237	Serum amyloid A: high-density lipoproteins interaction and cardiovascular risk. *European Heart Journal*, **2015**, 36, 3007-16	9.5	88
236	Association of systemic concentrations of macrophage migration inhibitory factor with impaired glucose tolerance and type 2 diabetes: results from the Cooperative Health Research in the Region of Augsburg, Survey 4 (KORA S4). *Diabetes Care*, **2006**, 29, 368-71	14.6	85

235	Age at menarche and its association with the metabolic syndrome and its components: results from the KORA F4 study. *PLoS ONE*, **2011**, 6, e26076	3.7	81
234	Meta-analysis of Dense Genecentric Association Studies Reveals Common and Uncommon Variants Associated with Height. *American Journal of Human Genetics*, **2012**, 90, 1116-1117	11	78
233	Effects of metformin on metabolite profiles and LDL cholesterol in patients with type 2 diabetes. *Diabetes Care*, **2015**, 38, 1858-67	14.6	76
232	A reference map of potential determinants for the human serum metabolome. *Nature*, **2020**, 588, 135-140	50.4	75
231	Application of non-HDL cholesterol for population-based cardiovascular risk stratification: results from the Multinational Cardiovascular Risk Consortium. *Lancet, The*, **2019**, 394, 2173-2183	40	75
230	Subclinical inflammation and diabetic polyneuropathy: MONICA/KORA Survey F3 (Augsburg, Germany). *Diabetes Care*, **2009**, 32, 680-2	14.6	74
229	Immunological and cardiometabolic risk factors in the prediction of type 2 diabetes and coronary events: MONICA/KORA Augsburg case-cohort study. *PLoS ONE*, **2011**, 6, e19852	3.7	67
228	Dense genotyping of candidate gene loci identifies variants associated with high-density lipoprotein cholesterol. *Circulation: Cardiovascular Genetics*, **2011**, 4, 145-55		66
227	Genetic markers enhance coronary risk prediction in men: the MORGAM prospective cohorts. *PLoS ONE*, **2012**, 7, e40922	3.7	65
226	Cystatin C and Cardiovascular Disease: A Mendelian Randomization Study. *Journal of the American College of Cardiology*, **2016**, 68, 934-45	15.1	65
225	Physical activity is inversely associated with multimorbidity in elderly men: results from the KORA-Age Augsburg Study. *Preventive Medicine*, **2013**, 57, 17-9	4.3	64
224	Skin barrier abnormality caused by filaggrin (FLG) mutations is associated with increased serum 25-hydroxyvitamin D concentrations. *Journal of Allergy and Clinical Immunology*, **2012**, 130, 1204-1207.e2	11.5	64
223	Questionnaire-based self-reported nutrition habits associate with serum metabolism as revealed by quantitative targeted metabolomics. *European Journal of Epidemiology*, **2011**, 26, 145-56	12.1	64
222	Relationship between posttraumatic stress disorder and type 2 diabetes in a population-based cross-sectional study with 2970 participants. *Journal of Psychosomatic Research*, **2013**, 74, 340-5	4.1	63
221	BiomarCaRE: rationale and design of the European BiomarCaRE project including 300,000 participants from 13 European countries. *European Journal of Epidemiology*, **2014**, 29, 777-90	12.1	63
220	Association of passive and active smoking with incident type 2 diabetes mellitus in the elderly population: the KORA S4/F4 cohort study. *European Journal of Epidemiology*, **2010**, 25, 393-402	12.1	63
219	Circulating Levels of Interleukin 1-Receptor Antagonist and Risk of Cardiovascular Disease: Meta-Analysis of Six Population-Based Cohorts. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2017**, 37, 1222-1227	9.4	62
218	Association of subclinical inflammation with polyneuropathy in the older population: KORA F4 study. *Diabetes Care*, **2013**, 36, 3663-70	14.6	62

217	Functional characterization of promoter variants of the adiponectin gene complemented by epidemiological data. *Diabetes*, **2009**, 58, 984-91	0.9	61
216	Effect of serum 25-hydroxyvitamin D on risk for type 2 diabetes may be partially mediated by subclinical inflammation: results from the MONICA/KORA Augsburg study. *Diabetes Care*, **2011**, 34, 2320-2	14.6	61
215	Oxidized LDL and the risk of coronary heart disease: results from the MONICA/KORA Augsburg Study. *Clinical Chemistry*, **2011**, 57, 1196-200	5.5	60
214	SCORE2 risk prediction algorithms: new models to estimate 10-year risk of cardiovascular disease in Europe. *European Heart Journal*, **2021**, 42, 2439-2454	9.5	58
213	Transforming growth factor-beta1 and incident type 2 diabetes: results from the MONICA/KORA case-cohort study, 1984-2002. *Diabetes Care*, **2009**, 32, 1921-3	14.6	57
212	Proinflammatory Cytokines Predict the Incidence and Progression of Distal Sensorimotor Polyneuropathy: KORA F4/FF4 Study. *Diabetes Care*, **2017**, 40, 569-576	14.6	55
211	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. *Journal of Clinical Endocrinology and Metabolism*, **2013**, 98, 272-80	5.6	54
210	Association of iron indices and type 2 diabetes: a meta-analysis of observational studies. *Diabetes/Metabolism Research and Reviews*, **2014**, 30, 372-94	7.5	53
209	A meta-analysis of genome-wide association studies of the electrocardiographic early repolarization pattern. *Heart Rhythm*, **2012**, 9, 1627-34	6.7	53
208	Retinol-binding protein 4 is associated with prediabetes in adults from the general population: the Cooperative Health Research in the Region of Augsburg (KORA) F4 Study. *Diabetes Care*, **2011**, 34, 1648-50	14.6	53
207	Multi-omic signature of body weight change: results from a population-based cohort study. *BMC Medicine*, **2015**, 13, 48	11.4	51
206	Blunted diurnal cortisol pattern is associated with frailty: a cross-sectional study of 745 participants aged 65 to 90 years. *Journal of Clinical Endocrinology and Metabolism*, **2014**, 99, E464-8	5.6	51
205	Metabolomics approach reveals effects of antihypertensives and lipid-lowering drugs on the human metabolism. *European Journal of Epidemiology*, **2014**, 29, 325-36	12.1	51
204	Leptin, adiponectin, their ratio and risk of Coronary Heart Disease: results from the MONICA/KORA Augsburg Study 1984-2002. *Atherosclerosis*, **2010**, 209, 220-5	3.1	50
203	Adiponectin may mediate the association between omentin, circulating lipids and insulin sensitivity: results from the KORA F4 study. *European Journal of Endocrinology*, **2015**, 172, 423-32	6.5	49
202	Meta-analysis of gene-level associations for rare variants based on single-variant statistics. *American Journal of Human Genetics*, **2013**, 93, 236-48	11	49
201	Availability of food folate in humans. *Journal of Nutrition*, **1999**, 129, 913-6	4.1	49
200	Variation in the human lipidome associated with coffee consumption as revealed by quantitative targeted metabolomics. *Molecular Nutrition and Food Research*, **2009**, 53, 1357-65	5.9	48

199	Protein biomarkers for the prediction of cardiovascular disease in type 2 diabetes. *Diabetologia*, **2015**, 58, 1363-71	10.3	47
198	Genetic predictors of fibrin D-dimer levels in healthy adults. *Circulation*, **2011**, 123, 1864-72	16.7	47
197	Joint analysis of individual participantsQdata from 17 studies on the association of the IL6 variant -174G>C with circulating glucose levels, interleukin-6 levels, and body mass index. *Annals of Medicine*, **2009**, 41, 128-38	1.5	47
196	Association between different domains of physical activity and markers of inflammation. *Medicine and Science in Sports and Exercise*, **2009**, 41, 1706-13	1.2	47
195	Gender differences in the association between grip strength and mortality in older adults: results from the KORA-age study. *BMC Geriatrics*, **2016**, 16, 201	4.1	46
194	Symmetric dimethylarginine, high-density lipoproteins and cardiovascular disease. *European Heart Journal*, **2017**, 38, 1597-1607	9.5	45
193	Plasma concentrations of afamin are associated with the prevalence and development of metabolic syndrome. *Circulation: Cardiovascular Genetics*, **2014**, 7, 822-9		44
192	Macrophage migration inhibitory factor (MIF) and risk for coronary heart disease: results from the MONICA/KORA Augsburg case-cohort study, 1984-2002. *Atherosclerosis*, **2008**, 200, 380-8	3.1	44
191	Family history of diabetes is associated with higher risk for prediabetes: a multicentre analysis from the German Center for Diabetes Research. *Diabetologia*, **2013**, 56, 2176-80	10.3	43
190	Intake of fruits, vegetables, folic acid and related nutrients and risk of breast cancer in postmenopausal women. *Public Health Nutrition*, **1998**, 1, 147-56	3.3	43
189	Association of plasma aldosterone with the metabolic syndrome in two German populations. *European Journal of Endocrinology*, **2011**, 164, 751-8	6.5	41
188	Hemoglobin A1c and glucose criteria identify different subjects as having type 2 diabetes in middle-aged and older populations: the KORA S4/F4 Study. *Annals of Medicine*, **2012**, 44, 170-7	1.5	41
187	General and Abdominal Obesity and Incident Distal Sensorimotor Polyneuropathy: Insights Into Inflammatory Biomarkers as Potential Mediators in the KORA F4/FF4 Cohort. *Diabetes Care*, **2019**, 42, 240-247	14.6	41
186	MASP1, THBS1, GPLD1 and ApoA-IV are novel biomarkers associated with prediabetes: the KORA F4 study. *Diabetologia*, **2016**, 59, 1882-92	10.3	40
185	Hypoadiponectinemia and proinflammatory state: two sides of the same coin?: results from the Cooperative Health Research in the Region of Augsburg Survey 4 (KORA S4). *Diabetes Care*, **2006**, 29, 1626-31	14.6	40
184	Biomarkers of iron metabolism are independently associated with impaired glucose metabolism and type 2 diabetes: the KORA F4 study. *European Journal of Endocrinology*, **2015**, 173, 643-53	6.5	39
183	Discovery of biomarkers for glycaemic deterioration before and after the onset of type 2 diabetes: rationale and design of the epidemiological studies within the IMI DIRECT Consortium. *Diabetologia*, **2014**, 57, 1132-42	10.3	39
182	Plasma Concentrations of Afamin Are Associated With Prevalent and Incident Type 2 Diabetes: A Pooled Analysis in More Than 20,000 Individuals. *Diabetes Care*, **2017**, 40, 1386-1393	14.6	39

181	Cost burden of type 2 diabetes in Germany: results from the population-based KORA studies. *BMJ Open*, **2016**, 6, e012527	3	39
180	Psoriasis and cardiometabolic traits: modest association but distinct genetic architectures. *Journal of Investigative Dermatology*, **2015**, 135, 1283-1293	4.3	38
179	Impaired Glucose Metabolism in Primary Aldosteronism Is Associated With Cortisol Cosecretion. *Journal of Clinical Endocrinology and Metabolism*, **2019**, 104, 3192-3202	5.6	37
178	Description of spatio-temporal gait parameters in elderly people and their association with history of falls: results of the population-based cross-sectional KORA-Age study. *BMC Geriatrics*, **2015**, 15, 32	4.1	37
177	Inverse associations between serum levels of secreted frizzled-related protein-5 (SFRP5) and multiple cardiometabolic risk factors: KORA F4 study. *Cardiovascular Diabetology*, **2017**, 16, 109	8.7	37
176	Update of the German Diabetes Risk Score and external validation in the German MONICA/KORA study. *Diabetes Research and Clinical Practice*, **2014**, 104, 459-66	7.4	37
175	Categories of glucose tolerance and continuous glycemic measures and mortality. *European Journal of Epidemiology*, **2011**, 26, 637-45	12.1	36
174	Determinants of Incident Malnutrition in Community-Dwelling Older Adults: A MaNuEL Multicohort Meta-Analysis. *Journal of the American Geriatrics Society*, **2018**, 66, 2335-2343	5.6	34
173	Visceral adiposity index (VAI), lipid accumulation product (LAP), and product of triglycerides and glucose (TyG) to discriminate prediabetes and diabetes. *Scientific Reports*, **2019**, 9, 9693	4.9	34
172	Prospective association of vitamin D with frailty status and all-cause mortality in older adults: Results from the KORA-Age Study. *Preventive Medicine*, **2015**, 73, 40-6	4.3	34
171	Job strain associated CRP is mediated by leisure time physical activity: results from the MONICA/KORA study. *Brain, Behavior, and Immunity*, **2012**, 26, 1077-84	16.6	34
170	Job strain as a risk factor for the onset of type 2 diabetes mellitus: findings from the MONICA/KORA Augsburg cohort study. *Psychosomatic Medicine*, **2014**, 76, 562-8	3.7	33
169	Physical activity levels, duration pattern and adherence to WHO recommendations in German adults. *PLoS ONE*, **2017**, 12, e0172503	3.7	33
168	Genetic determinants of circulating interleukin-1 receptor antagonist levels and their association with glycemic traits. *Diabetes*, **2014**, 63, 4343-59	0.9	32
167	The use of dietary supplements among older persons in southern Germany - results from the KORA-age study. *Journal of Nutrition, Health and Aging*, **2014**, 18, 510-9	5.2	31
166	Uric acid is more strongly associated with impaired glucose regulation in women than in men from the general population: the KORA F4-Study. *PLoS ONE*, **2012**, 7, e37180	3.7	31
165	RANTES/CCL5 and risk for coronary events: results from the MONICA/KORA Augsburg case-cohort, Athero-Express and CARDIoGRAM studies. *PLoS ONE*, **2011**, 6, e25734	3.7	31
164	New indexes of body fat distribution and sex-specific risk of total and cause-specific mortality: a prospective cohort study. *BMC Public Health*, **2018**, 18, 427	4.1	30

163	Sex-dimorphic genetic effects and novel loci for fasting glucose and insulin variability. *Nature Communications*, **2021**, 12, 24	17.4	30
162	A Low-Frequency Inactivating Variant Enriched in the Finnish Population Is Associated With Fasting Insulin Levels and Type 2 Diabetes Risk. *Diabetes*, **2017**, 66, 2019-2032	0.9	29
161	Differential association between biomarkers of subclinical inflammation and painful polyneuropathy: results from the KORA F4 study. *Diabetes Care*, **2015**, 38, 91-6	14.6	29
160	Assessment of predictive performance in incomplete data by combining internal validation and multiple imputation. *BMC Medical Research Methodology*, **2016**, 16, 144	4.7	29
159	Reproductive factors and serum uric acid levels in females from the general population: the KORA F4 study. *PLoS ONE*, **2012**, 7, e32668	3.7	29
158	Association of cardiovascular risk factors with markers of endothelial dysfunction in middle-aged men and women. *Thrombosis and Haemostasis*, **2006**, 95, 134-141	7	29
157	Association of low 25-hydroxyvitamin D levels with the frailty syndrome in an aged population: results from the KORA-age Augsburg study. *Journal of Nutrition, Health and Aging*, **2015**, 19, 258-64	5.2	28
156	A Systemic Inflammatory Signature Reflecting Cross Talk Between Innate and Adaptive Immunity Is Associated With Incident Polyneuropathy: KORA F4/FF4 Study. *Diabetes*, **2018**, 67, 2434-2442	0.9	28
155	A variant in the ABO gene explains the variation in soluble E-selectin levels-results from dense genotyping in two independent populations. *PLoS ONE*, **2012**, 7, e51441	3.7	28
154	Job strain-associated inflammatory burden and long-term risk of coronary events: findings from the MONICA/KORA Augsburg case-cohort study. *Psychosomatic Medicine*, **2013**, 75, 317-25	3.7	28
153	Markers of inflammation and weight change in middle-aged adults: results from the prospective MONICA/KORA S3/F3 study. *Obesity*, **2010**, 18, 2347-53	8	28
152	RANTES/CCL5 gene polymorphisms, serum concentrations, and incident type 2 diabetes: results from the MONICA/KORA Augsburg case-cohort study, 1984-2002. *European Journal of Endocrinology*, **2008**, 158, R1-5	6.5	28
151	Improvement of myocardial infarction risk prediction via inflammation-associated metabolite biomarkers. *Heart*, **2017**, 103, 1278-1285	5.1	27
150	Association of subclinical inflammation with deterioration of glycaemia before the diagnosis of type 2 diabetes: the KORA S4/F4 study. *Diabetologia*, **2015**, 58, 2269-77	10.3	27
149	Acute-phase serum amyloid A protein and its implication in the development of type 2 diabetes in the KORA S4/F4 study. *Diabetes Care*, **2013**, 36, 1321-6	14.6	27
148	Association between variations in the TLR4 gene and incident type 2 diabetes is modified by the ratio of total cholesterol to HDL-cholesterol. *BMC Medical Genetics*, **2008**, 9, 9	2.1	26
147	Protein markers and risk of type 2 diabetes and prediabetes: a targeted proteomics approach in the KORA F4/FF4 study. *European Journal of Epidemiology*, **2019**, 34, 409-422	12.1	26
146	Multiplatform Approach for Plasma Proteomics: Complementarity of Olink Proximity Extension Assay Technology to Mass Spectrometry-Based Protein Profiling. *Journal of Proteome Research*, **2021**, 20, 751-762	5.6	26

145	Relationship between sleep disturbances and multimorbidity among community-dwelling men and women aged 65-93 years: results from the KORA Age Study. *Sleep Medicine*, **2017**, 33, 151-159	4.6	25
144	Regional differences in the incidence of self-reported type 2 diabetes in Germany: results from five population-based studies in Germany (DIAB-CORE Consortium). *Journal of Epidemiology and Community Health*, **2014**, 68, 1088-95	5.1	25
143	Prevalence and Predictors of Subclinical Micronutrient Deficiency in German Older Adults: Results from the Population-Based KORA-Age Study. *Nutrients*, **2017**, 9,	6.7	24
142	Genome wide meta-analysis highlights the role of genetic variation in RARRES2 in the regulation of circulating serum chemerin. *PLoS Genetics*, **2014**, 10, e1004854	6	24
141	Can inaccuracy of reported parental history of diabetes explain the maternal transmission hypothesis for diabetes?. *International Journal of Epidemiology*, **2001**, 30, 1084-9	7.8	24
140	Gene-centric meta-analyses for central adiposity traits in up to 57 412 individuals of European descent confirm known loci and reveal several novel associations. *Human Molecular Genetics*, **2014**, 23, 2498-510	5.6	22
139	Sequence data and association statistics from 12,940 type 2 diabetes cases and controls. *Scientific Data*, **2017**, 4, 170179	8.2	22
138	Systemic monocyte chemoattractant protein-1 concentrations are independent of type 2 diabetes or parameters of obesity: results from the Cooperative Health Research in the Region of Augsburg Survey S4 (KORA S4). *European Journal of Endocrinology*, **2006**, 154, 311-7	6.5	22
137	Metabolite ratios as potential biomarkers for type 2 diabetes: a DIRECT study. *Diabetologia*, **2018**, 61, 117-129	10.3	21
136	Associations between multiple accelerometry-assessed physical activity parameters and selected health outcomes in elderly people--results from the KORA-age study. *PLoS ONE*, **2014**, 9, e111206	3.7	21
135	Plasma metabolomics reveal alterations of sphingo- and glycerophospholipid levels in non-diabetic carriers of the transcription factor 7-like 2 polymorphism rs7903146. *PLoS ONE*, **2013**, 8, e78430	3.7	21
134	Association between dietary inflammatory index, and cause-specific mortality in the MONICA/KORA Augsburg Cohort Study. *European Journal of Public Health*, **2018**, 28, 167-172	2.1	20
133	Genome-wide association study pinpoints a new functional apolipoprotein B variant influencing oxidized low-density lipoprotein levels but not cardiovascular events: AtheroRemo Consortium. *Circulation: Cardiovascular Genetics*, **2013**, 6, 73-81		20
132	Genome-wide association study identifies two novel regions at 11p15.5-p13 and 1p31 with major impact on acute-phase serum amyloid A. *PLoS Genetics*, **2010**, 6, e1001213	6	20
131	Circulating metabolic biomarkers of renal function in diabetic and non-diabetic populations. *Scientific Reports*, **2018**, 8, 15249	4.9	20
130	Molecular Characterization of the NLRC4 Expression in Relation to Interleukin-18 Levels. *Circulation: Cardiovascular Genetics*, **2015**, 8, 717-26		18
129	Association of adiponectin and leptin with relative telomere length in seven independent cohorts including 11,448 participants. *European Journal of Epidemiology*, **2014**, 29, 629-38	12.1	18
128	Genome-wide and gene-centric analyses of circulating myeloperoxidase levels in the charge and care consortia. *Human Molecular Genetics*, **2013**, 22, 3381-93	5.6	18

127	Fine-mapping of an expanded set of type 2 diabetes loci to single-variant resolution using high-density imputation and islet-specific epigenome maps		18
126	Genetic Factors Explain a Major Fraction of the 50% Lower Lipoprotein(a) Concentrations in Finns. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2018**, 38, 1230-1241	9.4	17
125	Serum levels of interleukin-22, cardiometabolic risk factors and incident type 2 diabetes: KORA F4/FF4 study. *Cardiovascular Diabetology*, **2017**, 16, 17	8.7	17
124	Prevalence of known diabetes and antidiabetic therapy between 1984/1985 and 1999/2001 in southern Germany. *Diabetes Care*, **2004**, 27, 2985-7	14.6	17
123	Recalibration of the ACC/AHA Risk Score in Two Population-Based German Cohorts. *PLoS ONE*, **2016**, 11, e0164688	3.7	17
122	Association of physical activity with lung function in lung-healthy German adults: results from the KORA FF4 study. *BMC Pulmonary Medicine*, **2017**, 17, 215	3.5	16
121	Metabolites of milk intake: a metabolomic approach in UK twins with findings replicated in two European cohorts. *European Journal of Nutrition*, **2017**, 56, 2379-2391	5.2	16
120	Relation of body fat mass and fat-free mass to total mortality: results from 7 prospective cohort studies. *American Journal of Clinical Nutrition*, **2021**, 113, 639-646	7	16
119	Myeloperoxidase, superoxide dismutase-3, cardiometabolic risk factors, and distal sensorimotor polyneuropathy: The KORA F4/FF4 study. *Diabetes/Metabolism Research and Reviews*, **2018**, 34, e3000	7.5	15
118	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. *European Journal of Endocrinology*, **2017**, 177, 277-286	6.5	15
117	Deciphering the Plasma Proteome of Type 2 Diabetes. *Diabetes*, **2020**, 69, 2766-2778	0.9	15
116	Sarcopenia - Endocrinological and Neurological Aspects. *Experimental and Clinical Endocrinology and Diabetes*, **2019**, 127, 8-22	2.3	15
115	Biomarker-defined pathways for incident type 2 diabetes and coronary heart disease-a comparison in the MONICA/KORA study. *Cardiovascular Diabetology*, **2020**, 19, 32	8.7	14
114	Characterization of the metabolic profile associated with serum 25-hydroxyvitamin D: a cross-sectional analysis in population-based data. *International Journal of Epidemiology*, **2016**, 45, 1469-1481	7.8	14
113	Influence of external, intrinsic and individual behaviour variables on serum 25(OH)D in a German survey. *Journal of Photochemistry and Photobiology B: Biology*, **2014**, 140, 120-9	6.7	14
112	Comparative analysis of plasma metabolomics response to metabolic challenge tests in healthy subjects and influence of the FTO obesity risk allele. *Metabolomics*, **2014**, 10, 386-401	4.7	14
111	Treatment pattern of type 2 diabetes differs in two German regions and with patientsQ socioeconomic position. *PLoS ONE*, **2014**, 9, e99773	3.7	14
110	Vitamin E supplementation is associated with lower levels of C-reactive protein only in higher dosages and combined with other antioxidants: The Cooperative Health Research in the Region of Augsburg (KORA) F4 study. *British Journal of Nutrition*, **2015**, 113, 1782-91	3.6	13

109	Association of fetuin-A with incident type 2 diabetes: results from the MONICA/KORA Augsburg study and a systematic meta-analysis. *European Journal of Endocrinology*, **2018**, 178, 389-398	6.5	13
108	Socioeconomic status and anthropometric changes-A meta-analytic approach from seven German cohorts. *Obesity*, **2016**, 24, 710-8	8	13
107	Reproductive factors, intima media thickness and carotid plaques in a cross-sectional study of postmenopausal women enrolled in the population-based KORA F4 study. *BMC Women's Health*, **2014**, 14, 17	2.9	13
106	Association between anemia and falls in community-dwelling older people: cross-sectional results from the KORA-Age study. *BMC Geriatrics*, **2014**, 14, 29	4.1	13
105	Clustering of Health-Related Behavior Patterns and Demographics. Results From the Population-Based KORA S4/F4 Cohort Study. *Frontiers in Public Health*, **2018**, 6, 387	6	12
104	Associations between calcium and vitamin D supplement use as well as their serum concentrations and subclinical cardiovascular disease phenotypes. *Atherosclerosis*, **2015**, 241, 743-51	3.1	12
103	Association of Circulating Metabolites With Risk of Coronary Heart Disease in a European Population: Results From the Biomarkers for Cardiovascular Risk Assessment in Europe (BiomarCaRE) Consortium. *JAMA Cardiology*, **2019**, 4, 1270-1279	16.2	12
102	Reproductive factors and its association with peripheral arterial disease in women aged 52-81 years: the KORA F4 study. *Atherosclerosis*, **2013**, 228, 224-9	3.1	12
101	Drug costs in prediabetes and undetected diabetes compared with diagnosed diabetes and normal glucose tolerance: results from the population-based KORA Survey in Germany. *Diabetes Care*, **2013**, 36, e53-4	14.6	12
100	Investigation of a nonsense mutation located in the complex KIV-2 copy number variation region of apolipoprotein(a) in 10,910 individuals. *Genome Medicine*, **2020**, 12, 74	14.4	12
99	Association of cardiovascular risk factors with markers of endothelial dysfunction in middle-aged men and women. Results from the MONICA/KORA Augsburg Study. *Thrombosis and Haemostasis*, **2006**, 95, 134-41	7	12
98	Correlation of MRI-derived adipose tissue measurements and anthropometric markers with prevalent hypertension in the community. *Journal of Hypertension*, **2018**, 36, 1555-1562	1.9	11
97	Time trends in stroke incidence and in prevalence of risk factors in Southern Germany, 1989 to 2008/09. *Scientific Reports*, **2018**, 8, 11981	4.9	11
96	Body fat distribution and risk of incident ischemic stroke in men and women aged 50 to 74 years from the general population. The KORA Augsburg cohort study. *PLoS ONE*, **2018**, 13, e0191630	3.7	11
95	A high level of household physical activity compensates for lack of leisure time physical activity with regard to deficit accumulation: Results from the KORA-Age study. *Preventive Medicine*, **2016**, 86, 64-9	4.3	11
94	Genetic studies of abdominal MRI data identify genes regulating hepcidin as major determinants of liver iron concentration. *Journal of Hepatology*, **2019**, 71, 594-602	13.4	10
93	Predicting glycated hemoglobin levels in the non-diabetic general population: Development and validation of the DIRECT-DETECT prediction model - a DIRECT study. *PLoS ONE*, **2017**, 12, e0171816	3.7	10
92	The Association between Serum 25-Hydroxyvitamin D and Cancer Risk: Results from the Prospective KORA F4 Study. *Oncology Research and Treatment*, **2018**, 41, 117-121	2.8	10

91	Malnutrition and related risk factors in older adults from different health-care settings: an study. *Public Health Nutrition*, **2020**, 23, 446-456	3.3	10
90	Trans-ancestry genetic study of type 2 diabetes highlights the power of diverse populations for discovery and translation		10
89	Epigenetic Signatures at AQP3 and SOCS3 Engage in Low-Grade Inflammation across Different Tissues. *PLoS ONE*, **2016**, 11, e0166015	3.7	10
88	Vitamin D in Relation to Incident Sarcopenia and Changes in Muscle Parameters Among Older Adults: The KORA-Age Study. *Calcified Tissue International*, **2019**, 105, 173-182	3.9	9
87	Longitudinal association of type 2 diabetes and insulin therapy with muscle parameters in the KORA-Age study. *Acta Diabetologica*, **2020**, 57, 1057-1063	3.9	9
86	Men benefit more from midlife leisure-time physical activity than women regarding the development of late-life disability--results of the KORA-Age study. *Preventive Medicine*, **2014**, 62, 8-13	4.3	9
85	TGF-🔲 content in atherosclerotic plaques, TGF-🔲 serum concentrations and incident coronary events. *European Journal of Clinical Investigation*, **2012**, 42, 329-37	4.6	9
84	Male sex and poverty predict abrupt health decline: Deficit accumulation patterns and trajectories in the KORA-Age cohort study. *Preventive Medicine*, **2017**, 102, 31-38	4.3	9
83	Folate economy in pregnancy. *Nutrition*, **1997**, 13, 975-7	4.8	9
82	Contribution of cystatin C- and creatinine-based definitions of chronic kidney disease to cardiovascular risk assessment in 20 population-based and 3 disease cohorts: the BiomarCaRE project. *BMC Medicine*, **2020**, 18, 300	11.4	9
81	The Pharmacogenetic Footprint of ACE Inhibition: A Population-Based Metabolomics Study. *PLoS ONE*, **2016**, 11, e0153163	3.7	9
80	Changes in Nutritional Status and Musculoskeletal Health in a Geriatric Post-Fall Care Plan Setting. *Nutrients*, **2019**, 11,	6.7	8
79	First investigation of two obesity-related loci (TMEM18, FTO) concerning their association with educational level as well as income: the MONICA/KORA study. *Journal of Epidemiology and Community Health*, **2011**, 65, 174-6	5.1	8
78	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. *International Journal of COPD*, **2016**, 11, 1881-94	3	8
77	Comparison of different measures of obesity in their association with health-related quality of life in older adults - results from the KORA-Age study. *Public Health Nutrition*, **2016**, 19, 3276-3286	3.3	8
76	Association of Circulating Monocyte Chemoattractant Protein-1 Levels With Cardiovascular Mortality: A Meta-analysis of Population-Based Studies. *JAMA Cardiology*, **2021**, 6, 587-592	16.2	8
75	Ultra-sensitive troponin I is an independent predictor of incident coronary heart disease in the general population. *European Journal of Epidemiology*, **2017**, 32, 583-591	12.1	7
74	Effect of waist circumference on the association between serum 25-hydroxyvitamin D and serum lipids: results from the National Health and Nutrition Examination Survey 2001-2006. *Public Health Nutrition*, **2017**, 20, 1797-1806	3.3	7

73	Being born in the aftermath of World War II increases the risk for health deficit accumulation in older age: results from the KORA-Age study. *European Journal of Epidemiology*, **2019**, 34, 675-687	12.1	7
72	Serum uromodulin and risk for cardiovascular morbidity and mortality in the community-based KORA F4 study. *Atherosclerosis*, **2020**, 297, 1-7	3.1	7
71	Associations between self-management behavior and sociodemographic and disease-related characteristics in elderly people with type 2 diabetes - New results from the population-based KORA studies in Germany. *Primary Care Diabetes*, **2020**, 14, 508-514	2.4	7
70	Mediator Effect of Balance Problems on Association Between Grip Strength and Falls in Older Adults: Results From the KORA-Age Study. *Gerontology and Geriatric Medicine*, **2018**, 4, 233372141876012	2.2	7
69	Toward targeted prevention: risk factors for prediabetes defined by impaired fasting glucose, impaired glucose tolerance and increased HbA1c in the population-based KORA study from Germany. *Acta Diabetologica*, **2020**, 57, 1481-1491	3.9	7
68	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). *Diabetes Care*, **2019**, 42, e18-e20	14.6	7
67	Differential associations between diet and prediabetes or diabetes in the KORA FF4 study. *Journal of Nutritional Science*, **2018**, 7, e34	2.7	7
66	Multi-ancestry genetic study of type 2 diabetes highlights the power of diverse populations for discovery and translation.. *Nature Genetics*, **2022**,	36.3	7
65	Isocaloric Substitution of Dietary Carbohydrate Intake with Fat Intake and MRI-Determined Total Volumes of Visceral, Subcutaneous and Hepatic Fat Content in Middle-Aged Adults. *Nutrients*, **2019**, 11,	6.7	6
64	Myeloperoxidase, but not oxidized LDL, is associated with leisure-time physical activity: results from the MONICA/KORA Augsburg Studies 1984-1995. *Atherosclerosis*, **2011**, 219, 774-7	3.1	6
63	Processes Underlying Glycemic Deterioration in Type 2 Diabetes: An IMI DIRECT Study. *Diabetes Care*, **2021**, 44, 511-518	14.6	6
62	Association of longitudinal risk profile trajectory clusters with adipose tissue depots measured by magnetic resonance imaging. *Scientific Reports*, **2019**, 9, 16972	4.9	6
61	Changes in fat mass and fat-free-mass are associated with incident hypertension in four population-based studies from Germany. *International Journal of Cardiology*, **2019**, 274, 372-377	3.2	6
60	Modifying effect of metabotype on diet-diabetes associations. *European Journal of Nutrition*, **2020**, 59, 1357-1369	5.2	6
59	Alcohol intake and total mortality in 142 960 individuals from the MORGAM Project: a population-based study. *Addiction*, **2021**,	4.6	6
58	Association of changes in inflammation with variation in glycaemia, insulin resistance and secretion based on the KORA study. *Diabetes/Metabolism Research and Reviews*, **2018**, 34, e3063	7.5	5
57	Multi-morbidity and disability, findings from the KORA-Age study. *BMC Proceedings*, **2013**, 7, S10	2.3	5
56	Associations of cardiac stress biomarkers with incident type 2 diabetes and changes in glucose metabolism: KORA F4/FF4 study. *Cardiovascular Diabetology*, **2020**, 19, 178	8.7	5

55	Associations between usual food intake and faecal sterols and bile acids: results from the Cooperative Health Research in the Augsburg Region (KORA FF4) study. *British Journal of Nutrition*, **2019**, 122, 309-321	3.6	4
54	Changes in Waist Circumference among German Adults over Time - Compiling Results of Seven Prospective Cohort Studies. *Obesity Facts*, **2016**, 9, 332-343	5.1	4
53	Are diabetes risk scores useful for the prediction of cardiovascular diseases? Assessment of seven diabetes risk scores in the KORA S4/F4 cohort study. *Journal of Diabetes and Its Complications*, **2013**, 27, 340-5	3.2	4
52	Large-Scale Gene-Centric Meta-Analysis across 39 Studies Identifies Type 2 Diabetes Loci. *American Journal of Human Genetics*, **2012**, 90, 753	11	4
51	Deficits in systemic biomarkers of neuroinflammation and growth factors promoting nerve regeneration in patients with type 2 diabetes and polyneuropathy. *BMJ Open Diabetes Research and Care*, **2019**, 7, e000752	4.5	4
50	A Panel of 6 Biomarkers Significantly Improves the Prediction of Type 2 Diabetes in the MONICA/KORA Study Population. *Journal of Clinical Endocrinology and Metabolism*, **2021**, 106, e1647-e1659	5.6	4
49	Sex hormone-binding globulin, androgens and mortality: the KORA-F4 cohort study. *Endocrine Connections*, **2020**, 9, 326-336	3.5	4
48	Refining the accuracy of validated target identification through coding variant fine-mapping in type 2 diabetes		4
47	Serum uromodulin is inversely associated with arterial hypertension and the vasoconstrictive prohormone CT-proET-1 in the population-based KORA F4 study. *PLoS ONE*, **2020**, 15, e0237364	3.7	4
46	Association between dietary patterns and prediabetes, undetected diabetes or clinically diagnosed diabetes: results from the KORA FF4 study. *European Journal of Nutrition*, **2021**, 60, 2331-2341	5.2	4
45	Metabolic syndrome and the plasma proteome: from association to causation. *Cardiovascular Diabetology*, **2021**, 20, 111	8.7	4
44	Roles of allostatic load, lifestyle and clinical risk factors in mediating the association between education and coronary heart disease risk in Europe. *Journal of Epidemiology and Community Health*, **2021**, 75, 1147-1154	5.1	4
43	Profiles of Glucose Metabolism in Different Prediabetes Phenotypes, Classified by Fasting Glycemia, 2-Hour OGTT, Glycated Hemoglobin, and 1-Hour OGTT: An IMI DIRECT Study. *Diabetes*, **2021**, 70, 2092-2106	0.9	4
42	Temporal trends in cardiovascular risk factors and performance of the Framingham Risk Score and the Pooled Cohort Equations. *Journal of Epidemiology and Community Health*, **2019**, 73, 19-25	5.1	4
41	Cross-sectional and prospective relationships of endogenous progestogens and estrogens with glucose metabolism in men and women: a KORA F4/FF4 Study. *BMJ Open Diabetes Research and Care*, **2021**, 9,	4.5	4
40	Proinsulin to insulin ratio is associated with incident type 2 diabetes but not with vascular complications in the KORA F4/FF4 study. *BMJ Open Diabetes Research and Care*, **2020**, 8,	4.5	3
39	Prevalence, awareness, treatment, and control of hypertension in older people: results from the population-based KORA-age 1 study. *BMC Public Health*, **2020**, 20, 1049	4.1	3
38	Muscular Strength is Independently Associated with Cystatin C: The KORA-Age Study. *International Journal of Sports Medicine*, **2018**, 39, 225-231	3.6	3

37	Specific Metabolic Markers Are Associated with Future Waist-Gaining Phenotype in Women. *PLoS ONE*, **2016**, 11, e0157733	3.7	3
36	Genome-Wide Association Study of Peripheral Artery Disease. *Circulation Genomic and Precision Medicine*, **2021**, 14, e002862	5.2	3
35	Waist circumference modifies the association between serum 25(OH)D and systolic blood pressure: results from NHANES 2001-2006. *Journal of Hypertension*, **2016**, 34, 637-45	1.9	3
34	Association of sex-specific differences in lipoprotein(a) concentrations with cardiovascular mortality in individuals with type 2 diabetes mellitus. *Cardiovascular Diabetology*, **2021**, 20, 168	8.7	3
33	Association between metabolic syndrome and hip osteoarthritis in middle-aged men and women from the general population. *PLoS ONE*, **2020**, 15, e0230185	3.7	2
32	Association of generic health-related quality of life (EQ-5D dimensions) and inactivity with lung function in lung-healthy German adults: results from the KORA studies F4L and Age. *Quality of Life Research*, **2018**, 27, 735-745	3.7	2
31	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. *PLoS ONE*, **2015**, 10, e0139244	3.7	2
30	Prevalence of use and level of awareness of CAM in older people - results from the KORA-Age study. *Research in Complementary Medicine*, **2014**, 21, 294-301		2
29	Association of glycated hemoglobin A levels with cardiovascular outcomes in the general population: results from the BiomarCaRE (Biomarker for Cardiovascular Risk Assessment in Europe) consortium. *Cardiovascular Diabetology*, **2021**, 20, 223	8.7	2
28	Association of iron deficiency with incident cardiovascular diseases and mortality in the general population. *ESC Heart Failure*, **2021**, 8, 4584	3.7	2
27	Multi-platforms approach for plasma proteomics: complementarity of Olink PEA technology to mass spectrometry-based protein profiling		2
26	Association of endothelial dysfunction with incident prediabetes, type 2 diabetes and related traits: the KORA F4/FF4 study. *BMJ Open Diabetes Research and Care*, **2020**, 8,	4.5	2
25	Decomposing the educational gradient in allostatic load across European populations. What matters the most: differentials in exposure or in susceptibility?. *Journal of Epidemiology and Community Health*, **2020**, 74, 1008-1015	5.1	2
24	Comparison of genetic risk prediction models to improve prediction of coronary heart disease in two large cohorts of the MONICA/KORA study. *Genetic Epidemiology*, **2021**, 45, 633-650	2.6	2
23	Predicting risk of substantial weight gain in German adults-a multi-center cohort approach. *European Journal of Public Health*, **2017**, 27, 768-774	2.1	2
22	Serum uromodulin and decline of kidney function in older participants of the population-based KORA F4/FF4 study. *CKJ: Clinical Kidney Journal*, **2021**, 14, 205-211	4.5	2
21	Serum uromodulin is inversely associated with biomarkers of subclinical inflammation in the population-based KORA F4 study. *CKJ: Clinical Kidney Journal*, **2021**, 14, 1618-1625	4.5	2
20	Reversion from prediabetes to normoglycaemia after weight change in older persons: The KORA F4/FF4 study. *Nutrition, Metabolism and Cardiovascular Diseases*, **2021**, 31, 429-438	4.5	2

19	Utility Decrements Associated With Diabetes and Related Complications: Estimates From a Population-Based Study in Germany. *Value in Health*, **2021**, 24, 274-280	3.3	2
18	The times we are born into and our lifestyle choices determine our health trajectories in older age - Results from the KORA-Age study. *Preventive Medicine*, **2020**, 133, 106025	4.3	1
17	Research update for articles published in EJCI in 2012. *European Journal of Clinical Investigation*, **2014**, 44, 1010-1023	4.6	1
16	Association of circulating MR-proADM with all-cause and cardiovascular mortality in the general population: Results from the KORA F4 cohort study.. *PLoS ONE*, **2022**, 17, e0262330	3.7	1
15	Association of serum uromodulin with adipokines in dependence of type 2 diabetes.. *Cytokine*, **2021**, 150, 155786	4	1
14	Differential Association of Inflammatory Markers and Growth Factors with Type 2 Diabetes and Polyneuropathy⏤A Multimarker Approach. *Diabetes*, **2018**, 67, 63-OR	0.9	1
13	Association of Long-Term Air Pollution with Prevalence and Incidence of Distal Sensorimotor Polyneuropathy: KORA F4/FF4 Study. *Environmental Health Perspectives*, **2020**, 128, 127013	8.4	1
12	Genetic Predisposition to Coronary Artery Disease in Type 2 Diabetes Mellitus. *Circulation Genomic and Precision Medicine*, **2020**, 13, e002769	5.2	1
11	Proteomic profiling of low muscle and high fat mass: a machine learning approach in the KORA S4/FF4 study. *Journal of Cachexia, Sarcopenia and Muscle*, **2021**, 12, 1011-1023	10.3	1
10	Natriuretic Peptides and Risk of Type 2 Diabetes: Results From the Biomarkers for Cardiovascular Risk Assessment in Europe (BiomarCaRE) Consortium. *Diabetes Care*, **2021**, 44, 2527-2535	14.6	1
9	Influence of geographical latitude on vitamin D status: cross-sectional results from the BiomarCaRE consortium.. *British Journal of Nutrition*, **2021**, 1-27	3.6	1
8	Health impact of seven herpesviruses on (pre)diabetes incidence and HbA: results from the KORA cohort.. *Diabetologia*, **2022**, 1	10.3	1
7	Impact of prenatal and childhood adversity⏤effects around World War II on multimorbidity: results from the KORA-Age study.. *BMC Geriatrics*, **2022**, 22, 115	4.1	0
6	Living longer but less healthy: The female disadvantage in health expectancy. Results from the KORA-Age study. *Experimental Gerontology*, **2021**, 145, 111196	4.5	0
5	Association of antecedent cardiovascular risk factor levels and trajectories with cardiovascular magnetic resonance-derived cardiac function and structure. *Journal of Cardiovascular Magnetic Resonance*, **2021**, 23, 2	6.9	0
4	Association of C-Terminal Pro-Endothelin-1 with Mortality in the Population-Based KORA F4 Study.. *Vascular Health and Risk Management*, **2022**, 18, 335-346	4.4	0
3	PS7 - 3. Predicting Glycated Haemoglobin in the Non-Diabetic General Population: a DIRECT Study. *Nederlands Tijdschrift Voor Diabetologie*, **2013**, 11, 154-154	0	
2	Folgeerkrankungen des Diabetes mellitus. *Diabetes Aktuell*, **2021**, 19, 82-85	0	

1   Associations between haemoglobin A and mortality rate in the KORA S4 and the Heinz Nixdorf
     Recall population-based cohort studies. *Diabetes/Metabolism Research and Reviews*, **2021**, 37, e3369   7.5

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