

Barbara Thorand

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Association of circulating MR-proADM with all-cause and cardiovascular mortality in the general population: Results from the KORA F4 cohort study.. <i>PLoS ONE</i> , 2022 , 17, e0262330	3.7	1
287	Impact of prenatal and childhood adversity [Effects around World War II on multimorbidity: results from the KORA-Age study.. <i>BMC Geriatrics</i> , 2022 , 22, 115	4.1	0
286	Association of C-Terminal Pro-Endothelin-1 with Mortality in the Population-Based KORA F4 Study.. <i>Vascular Health and Risk Management</i> , 2022 , 18, 335-346	4.4	0
285	Multi-ancestry genetic study of type 2 diabetes highlights the power of diverse populations for discovery and translation.. <i>Nature Genetics</i> , 2022 ,	36.3	7
284	Health impact of seven herpesviruses on (pre)diabetes incidence and HbA: results from the KORA cohort.. <i>Diabetologia</i> , 2022 , 1	10.3	1
283	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, e1647-e1659	5.6	4
282	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. <i>Cardiovascular Diabetology</i> , 2021 , 20, 223	8.7	2
281	Association of serum uromodulin with adipokines in dependence of type 2 diabetes.. <i>Cytokine</i> , 2021 , 150, 155786	4	1
280	Processes Underlying Glycemic Deterioration in Type 2 Diabetes: An IMI DIRECT Study. <i>Diabetes Care</i> , 2021 , 44, 511-518	14.6	6
279	Association of iron deficiency with incident cardiovascular diseases and mortality in the general population. <i>ESC Heart Failure</i> , 2021 , 8, 4584	3.7	2
278	Genome-Wide Association Study of Peripheral Artery Disease. <i>Circulation Genomic and Precision Medicine</i> , 2021 , 14, e002862	5.2	3
277	Association between dietary patterns and prediabetes, undetected diabetes or clinically diagnosed diabetes: results from the KORA FF4 study. <i>European Journal of Nutrition</i> , 2021 , 60, 2331-2341	5.2	4
276	Folgeerkrankungen des Diabetes mellitus. <i>Diabetes Aktuell</i> , 2021 , 19, 82-85	0	
275	Metabolic syndrome and the plasma proteome: from association to causation. <i>Cardiovascular Diabetology</i> , 2021 , 20, 111	8.7	4
274	Roles of allostatic load, lifestyle and clinical risk factors in mediating the association between education and coronary heart disease risk in Europe. <i>Journal of Epidemiology and Community Health</i> , 2021 , 75, 1147-1154	5.1	4
273	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	2.6	2
272	SCORE2 risk prediction algorithms: new models to estimate 10-year risk of cardiovascular disease in Europe. <i>European Heart Journal</i> , 2021 , 42, 2439-2454	9.5	58

271	Proteomic profiling of low muscle and high fat mass: a machine learning approach in the KORA S4/FF4 study. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2021 , 12, 1011-1023	10.3	1
270	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. <i>Diabetes</i> , 2021 , 70, 2092-2106	0.9	4
269	Associations between haemoglobin A 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	7.5	
268	Association of Circulating Monocyte Chemoattractant Protein-1 Levels With Cardiovascular Mortality: A Meta-analysis of Population-Based Studies. <i>JAMA Cardiology</i> , 2021 , 6, 587-592	16.2	8
267	Serum uromodulin and decline of kidney function in older participants of the population-based KORA F4/FF4 study. <i>CKJ: Clinical Kidney Journal</i> , 2021 , 14, 205-211	4.5	2
266	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	4.5	2
265	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	5.6	26
264	Living longer but less healthy: The female disadvantage in health expectancy. Results from the KORA-Age study. <i>Experimental Gerontology</i> , 2021 , 145, 111196	4.5	0
263	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	4.5	2
262	Association of antecedent cardiovascular risk factor levels and trajectories with cardiovascular magnetic resonance-derived cardiac function and structure. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2021 , 23, 2	6.9	0
261	Relation of body fat mass and fat-free mass to total mortality: results from 7 prospective cohort studies. <i>American Journal of Clinical Nutrition</i> , 2021 , 113, 639-646	7	16
260	Sex-dimorphic genetic effects and novel loci for fasting glucose and insulin variability. <i>Nature Communications</i> , 2021 , 12, 24	17.4	30
259	Utility Decrements Associated With Diabetes and Related Complications: Estimates From a Population-Based Study in Germany. <i>Value in Health</i> , 2021 , 24, 274-280	3.3	2
258	Cross-sectional and prospective relationships of endogenous progestogens and estrogens with glucose metabolism in men and women: a KORA F4/FF4 Study. <i>BMJ Open Diabetes Research and Care</i> , 2021 , 9,	4.5	4
257	Alcohol intake and total mortality in 142 960 individuals from the MORGAM Project: a population-based study. <i>Addiction</i> , 2021 ,	4.6	6
256	Association of sex-specific differences in lipoprotein(a) concentrations with cardiovascular mortality in individuals with type 2 diabetes mellitus. <i>Cardiovascular Diabetology</i> , 2021 , 20, 168	8.7	3
255	Natriuretic Peptides and Risk of Type 2 Diabetes: Results From the Biomarkers for Cardiovascular Risk Assessment in Europe (BiomarCaRE) Consortium. <i>Diabetes Care</i> , 2021 , 44, 2527-2535	14.6	1
254	Influence of geographical latitude on vitamin D status: cross-sectional results from the BiomarCaRE consortium.. <i>British Journal of Nutrition</i> , 2021 , 1-27	3.6	1

253	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,	4.5	3
252	Association between metabolic syndrome and hip osteoarthritis in middle-aged men and women from the general population. <i>PLoS ONE</i> , 2020 , 15, e0230185	3.7	2
251	Serum uromodulin and risk for cardiovascular morbidity and mortality in the community-based KORA F4 study. <i>Atherosclerosis</i> , 2020 , 297, 1-7	3.1	7
250	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	8.7	14
249	Prevalence, awareness, treatment, and control of hypertension in older people: results from the population-based KORA-age 1 study. <i>BMC Public Health</i> , 2020 , 20, 1049	4.1	3
248	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. <i>Primary Care Diabetes</i> , 2020 , 14, 508-514	2.4	7
247	The times we are born into and our lifestyle choices determine our health trajectories in older age - Results from the KORA-Age study. <i>Preventive Medicine</i> , 2020 , 133, 106025	4.3	1
246	Longitudinal association of type 2 diabetes and insulin therapy with muscle parameters in the KORA-Age study. <i>Acta Diabetologica</i> , 2020 , 57, 1057-1063	3.9	9
245	Sex hormone-binding globulin, androgens and mortality: the KORA-F4 cohort study. <i>Endocrine Connections</i> , 2020 , 9, 326-336	3.5	4
244	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	8.4	1
243	Malnutrition and related risk factors in older adults from different health-care settings: an study. <i>Public Health Nutrition</i> , 2020 , 23, 446-456	3.3	10
242	Associations of cardiac stress biomarkers with incident type 2 diabetes and changes in glucose metabolism: KORA F4/FF4 study. <i>Cardiovascular Diabetology</i> , 2020 , 19, 178	8.7	5
241	A reference map of potential determinants for the human serum metabolome. <i>Nature</i> , 2020 , 588, 135-140	10.4	75
240	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. <i>BMC Medicine</i> , 2020 , 18, 300	11.4	9
239	Serum uromodulin is inversely associated with arterial hypertension and the vasoconstrictive prohormone CT-proET-1 in the population-based KORA F4 study. <i>PLoS ONE</i> , 2020 , 15, e0237364	3.7	4
238	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. <i>Acta Diabetologica</i> , 2020 , 57, 1481-1491	3.9	7
237	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,	4.5	2
236	Deciphering the Plasma Proteome of Type 2 Diabetes. <i>Diabetes</i> , 2020 , 69, 2766-2778	0.9	15

235	Decomposing the educational gradient in allostatic load across European populations. What matters the most: differentials in exposure or in susceptibility?. <i>Journal of Epidemiology and Community Health</i> , 2020 , 74, 1008-1015	5.1	2
234	Genetic Predisposition to Coronary Artery Disease in Type 2 Diabetes Mellitus. <i>Circulation Genomic and Precision Medicine</i> , 2020 , 13, e002769	5.2	1
233	Investigation of a nonsense mutation located in the complex KIV-2 copy number variation region of apolipoprotein(a) in 10,910 individuals. <i>Genome Medicine</i> , 2020 , 12, 74	14.4	12
232	Modifying effect of metabotype on diet-diabetes associations. <i>European Journal of Nutrition</i> , 2020 , 59, 1357-1369	5.2	6
231	Genetic studies of abdominal MRI data identify genes regulating hepcidin as major determinants of liver iron concentration. <i>Journal of Hepatology</i> , 2019 , 71, 594-602	13.4	10
230	Associations between usual food intake and faecal sterols and bile acids: results from the Cooperative Health Research in the Augsburg Region (KORA FF4) study. <i>British Journal of Nutrition</i> , 2019 , 122, 309-321	3.6	4
229	Iso-caloric Substitution of Dietary Carbohydrate Intake with Fat Intake and MRI-Determined Total Volumes of Visceral, Subcutaneous and Hepatic Fat Content in Middle-Aged Adults. <i>Nutrients</i> , 2019 , 11,	6.7	6
228	Vitamin D in Relation to Incident Sarcopenia and Changes in Muscle Parameters Among Older Adults: The KORA-Age Study. <i>Calcified Tissue International</i> , 2019 , 105, 173-182	3.9	9
227	Impaired Glucose Metabolism in Primary Aldosteronism Is Associated With Cortisol Cosecretion. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019 , 104, 3192-3202	5.6	37
226	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. <i>European Journal of Epidemiology</i> , 2019 , 34, 675-687	12.1	7
225	Changes in Nutritional Status and Musculoskeletal Health in a Geriatric Post-Fall Care Plan Setting. <i>Nutrients</i> , 2019 , 11,	6.7	8
224	Application of High-Sensitivity Troponin in Suspected Myocardial Infarction. <i>New England Journal of Medicine</i> , 2019 , 380, 2529-2540	59.2	134
223	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	4.9	34
222	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. <i>JAMA Cardiology</i> , 2019 , 4, 1270-1279	16.2	12
221	Deficits in systemic biomarkers of neuroinflammation and growth factors promoting nerve regeneration in patients with type 2 diabetes and polyneuropathy. <i>BMJ Open Diabetes Research and Care</i> , 2019 , 7, e000752	4.5	4
220	Association of longitudinal risk profile trajectory clusters with adipose tissue depots measured by magnetic resonance imaging. <i>Scientific Reports</i> , 2019 , 9, 16972	4.9	6
219	Application of non-HDL cholesterol for population-based cardiovascular risk stratification: results from the Multinational Cardiovascular Risk Consortium. <i>Lancet, The</i> , 2019 , 394, 2173-2183	4.0	75
218	Changes in fat mass and fat-free-mass are associated with incident hypertension in four population-based studies from Germany. <i>International Journal of Cardiology</i> , 2019 , 274, 372-377	3.2	6

217	Sarcopenia - Endocrinological and Neurological Aspects. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2019 , 127, 8-22	2.3	15
216	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	14.6	7
215	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	12.1	26
214	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	14.6	41
213	Temporal trends in cardiovascular risk factors and performance of the Framingham Risk Score and the Pooled Cohort Equations. <i>Journal of Epidemiology and Community Health</i> , 2019 , 73, 19-25	5.1	4
212	Clustering of Health-Related Behavior Patterns and Demographics. Results From the Population-Based KORA S4/F4 Cohort Study. <i>Frontiers in Public Health</i> , 2018 , 6, 387	6	12
211	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	2.8	10
210	Correlation of MRI-derived adipose tissue measurements and anthropometric markers with prevalent hypertension in the community. <i>Journal of Hypertension</i> , 2018 , 36, 1555-1562	1.9	11
209	Refining the accuracy of validated target identification through coding variant fine-mapping in type 2 diabetes. <i>Nature Genetics</i> , 2018 , 50, 559-571	36.3	221
208	Myeloperoxidase, superoxide dismutase-3, cardiometabolic risk factors, and distal sensorimotor polyneuropathy: The KORA F4/FF4 study. <i>Diabetes/Metabolism Research and Reviews</i> , 2018 , 34, e3000	7.5	15
207	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	6.5	13
206	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. <i>Quality of Life Research</i> , 2018 , 27, 735-745	3.7	2
205	New indexes of body fat distribution and sex-specific risk of total and cause-specific mortality: a prospective cohort study. <i>BMC Public Health</i> , 2018 , 18, 427	4.1	30
204	Muscular Strength is Independently Associated with Cystatin C: The KORA-Age Study. <i>International Journal of Sports Medicine</i> , 2018 , 39, 225-231	3.6	3
203	Genetic Factors Explain a Major Fraction of the 50% Lower Lipoprotein(a) Concentrations in Finns. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018 , 38, 1230-1241	9.4	17
202	Mediator Effect of Balance Problems on Association Between Grip Strength and Falls in Older Adults: Results From the KORA-Age Study. <i>Gerontology and Geriatric Medicine</i> , 2018 , 4, 2333721418760122	2.3	7
201	Association between dietary inflammatory index, and cause-specific mortality in the MONICA/KORA Augsburg Cohort Study. <i>European Journal of Public Health</i> , 2018 , 28, 167-172	2.1	20
200	Metabolite ratios as potential biomarkers for type 2 diabetes: a DIRECT study. <i>Diabetologia</i> , 2018 , 61, 117-129	10.3	21

199	Time trends in stroke incidence and in prevalence of risk factors in Southern Germany, 1989 to 2008/09. <i>Scientific Reports</i> , 2018 , 8, 11981	4.9	11
198	Determinants of Incident Malnutrition in Community-Dwelling Older Adults: A MaNuEL Multicohort Meta-Analysis. <i>Journal of the American Geriatrics Society</i> , 2018 , 66, 2335-2343	5.6	34
197	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	0.9	28
196	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	7.5	5
195	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. <i>PLoS ONE</i> , 2018 , 13, e0191630	3.7	11
194	Differential Association of Inflammatory Markers and Growth Factors with Type 2 Diabetes and Polyneuropathy: A Multimarker Approach. <i>Diabetes</i> , 2018 , 67, 63-OR	0.9	1
193	Differential associations between diet and prediabetes or diabetes in the KORA FF4 study. <i>Journal of Nutritional Science</i> , 2018 , 7, e34	2.7	7
192	Fine-mapping type 2 diabetes loci to single-variant resolution using high-density imputation and islet-specific epigenome maps. <i>Nature Genetics</i> , 2018 , 50, 1505-1513	36.3	675
191	Circulating metabolic biomarkers of renal function in diabetic and non-diabetic populations. <i>Scientific Reports</i> , 2018 , 8, 15249	4.9	20
190	Proinflammatory Cytokines Predict the Incidence and Progression of Distal Sensorimotor Polyneuropathy: KORA F4/FF4 Study. <i>Diabetes Care</i> , 2017 , 40, 569-576	14.6	55
189	Improvement of myocardial infarction risk prediction via inflammation-associated metabolite biomarkers. <i>Heart</i> , 2017 , 103, 1278-1285	5.1	27
188	Circulating Levels of Interleukin 1-Receptor Antagonist and Risk of Cardiovascular Disease: Meta-Analysis of Six Population-Based Cohorts. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017 , 37, 1222-1227	9.4	62
187	Genome-wide meta-analysis of 241,258 adults accounting for smoking behaviour identifies novel loci for obesity traits. <i>Nature Communications</i> , 2017 , 8, 14977	17.4	105
186	Lipoprotein(a) and the risk of cardiovascular disease in the European population: results from the BiomarCaRE consortium. <i>European Heart Journal</i> , 2017 , 38, 2490-2498	9.5	108
185	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	12.1	7
184	An Expanded Genome-Wide Association Study of Type 2 Diabetes in Europeans. <i>Diabetes</i> , 2017 , 66, 2888-2902	29.0	414
183	Symmetric dimethylarginine, high-density lipoproteins and cardiovascular disease. <i>European Heart Journal</i> , 2017 , 38, 1597-1607	9.5	45
182	A Low-Frequency Inactivating Variant Enriched in the Finnish Population Is Associated With Fasting Insulin Levels and Type 2 Diabetes Risk. <i>Diabetes</i> , 2017 , 66, 2019-2032	0.9	29

181	Relationship between sleep disturbances and multimorbidity among community-dwelling men and women aged 65-93 years: results from the KORA Age Study. <i>Sleep Medicine</i> , 2017 , 33, 151-159	4.6	25
180	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. <i>Public Health Nutrition</i> , 2017 , 20, 1797-1806	3.3	7
179	Epigenome-wide association study of body mass index, and the adverse outcomes of adiposity. <i>Nature</i> , 2017 , 541, 81-86	50.4	511
178	Predicting glycated hemoglobin levels in the non-diabetic general population: Development and validation of the DIRECT-DETECT prediction model - a DIRECT study. <i>PLoS ONE</i> , 2017 , 12, e0171816	3.7	10
177	Association of physical activity with lung function in lung-healthy German adults: results from the KORA FF4 study. <i>BMC Pulmonary Medicine</i> , 2017 , 17, 215	3.5	16
176	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	8.7	37
175	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	14.6	39
174	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	6.5	15
173	Serum levels of interleukin-22, cardiometabolic risk factors and incident type 2 diabetes: KORA F4/FF4 study. <i>Cardiovascular Diabetology</i> , 2017 , 16, 17	8.7	17
172	Male sex and poverty predict abrupt health decline: Deficit accumulation patterns and trajectories in the KORA-Age cohort study. <i>Preventive Medicine</i> , 2017 , 102, 31-38	4.3	9
171	Metabolites of milk intake: a metabolomic approach in UK twins with findings replicated in two European cohorts. <i>European Journal of Nutrition</i> , 2017 , 56, 2379-2391	5.2	16
170	Sequence data and association statistics from 12,940 type 2 diabetes cases and controls. <i>Scientific Data</i> , 2017 , 4, 170179	8.2	22
169	Prevalence and Predictors of Subclinical Micronutrient Deficiency in German Older Adults: Results from the Population-Based KORA-Age Study. <i>Nutrients</i> , 2017 , 9,	6.7	24
168	Genome-wide physical activity interactions in adiposity - A meta-analysis of 200,452 adults. <i>PLoS Genetics</i> , 2017 , 13, e1006528	6	103
167	Physical activity levels, duration pattern and adherence to WHO recommendations in German adults. <i>PLoS ONE</i> , 2017 , 12, e0172503	3.7	33
166	Predicting risk of substantial weight gain in German adults-a multi-center cohort approach. <i>European Journal of Public Health</i> , 2017 , 27, 768-774	2.1	2
165	Characterization of the metabolic profile associated with serum 25-hydroxyvitamin D: a cross-sectional analysis in population-based data. <i>International Journal of Epidemiology</i> , 2016 , 45, 1469-1481	7.8	14
164	Changes in Waist Circumference among German Adults over Time - Compiling Results of Seven Prospective Cohort Studies. <i>Obesity Facts</i> , 2016 , 9, 332-343	5.1	4

163	Assessment of predictive performance in incomplete data by combining internal validation and multiple imputation. <i>BMC Medical Research Methodology</i> , 2016 , 16, 144	4.7	29
162	Socioeconomic status and anthropometric changes-A meta-analytic approach from seven German cohorts. <i>Obesity</i> , 2016 , 24, 710-8	8	13
161	MASP1, THBS1, GPLD1 and ApoA-IV are novel biomarkers associated with prediabetes: the KORA F4 study. <i>Diabetologia</i> , 2016 , 59, 1882-92	10.3	40
160	Specific Metabolic Markers Are Associated with Future Waist-Gaining Phenotype in Women. <i>PLoS ONE</i> , 2016 , 11, e0157733	3.7	3
159	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 , 11, 1881-94	3	8
158	Epigenetic Signatures at AQP3 and SOCS3 Engage in Low-Grade Inflammation across Different Tissues. <i>PLoS ONE</i> , 2016 , 11, e0166015	3.7	10
157	The Pharmacogenetic Footprint of ACE Inhibition: A Population-Based Metabolomics Study. <i>PLoS ONE</i> , 2016 , 11, e0153163	3.7	9
156	Recalibration of the ACC/AHA Risk Score in Two Population-Based German Cohorts. <i>PLoS ONE</i> , 2016 , 11, e0164688	3.7	17
155	The genetic architecture of type 2 diabetes. <i>Nature</i> , 2016 , 536, 41-47	50.4	704
154	Waist circumference modifies the association between serum 25(OH)D and systolic blood pressure: results from NHANES 2001-2006. <i>Journal of Hypertension</i> , 2016 , 34, 637-45	1.9	3
153	Cost burden of type 2 diabetes in Germany: results from the population-based KORA studies. <i>BMJ Open</i> , 2016 , 6, e012527	3	39
152	Comparison of different measures of obesity in their association with health-related quality of life in older adults - results from the KORA-Age study. <i>Public Health Nutrition</i> , 2016 , 19, 3276-3286	3.3	8
151	Gender differences in the association between grip strength and mortality in older adults: results from the KORA-age study. <i>BMC Geriatrics</i> , 2016 , 16, 201	4.1	46
150	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. <i>Preventive Medicine</i> , 2016 , 86, 64-9	4.3	11
149	Troponin I and cardiovascular risk prediction in the general population: the BiomarCaRE consortium. <i>European Heart Journal</i> , 2016 , 37, 2428-37	9.5	140
148	Cystatin C and Cardiovascular Disease: A Mendelian Randomization Study. <i>Journal of the American College of Cardiology</i> , 2016 , 68, 934-45	15.1	65
147	Protein biomarkers for the prediction of cardiovascular disease in type 2 diabetes. <i>Diabetologia</i> , 2015 , 58, 1363-71	10.3	47
146	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, 2269-77	10.3	27

145	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. <i>Lancet Diabetes and Endocrinology</i> , 2015 , 3, 526-534	18.1	277
144	Associations between calcium and vitamin D supplement use as well as their serum concentrations and subclinical cardiovascular disease phenotypes. <i>Atherosclerosis</i> , 2015 , 241, 743-51	3.1	12
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139	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, 423-32	6.5	49
138	Mendelian randomization of blood lipids for coronary heart disease. <i>European Heart Journal</i> , 2015 , 36, 539-50	9.5	417
137	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, 643-53	6.5	39
136	Effects of metformin on metabolite profiles and LDL cholesterol in patients with type 2 diabetes. <i>Diabetes Care</i> , 2015 , 38, 1858-67	14.6	76
135	Molecular Characterization of the NLRC4 Expression in Relation to Interleukin-18 Levels. <i>Circulation: Cardiovascular Genetics</i> , 2015 , 8, 717-26		18
134	Serum amyloid A: high-density lipoproteins interaction and cardiovascular risk. <i>European Heart Journal</i> , 2015 , 36, 3007-16	9.5	88
133	Genetic fine mapping and genomic annotation defines causal mechanisms at type 2 diabetes susceptibility loci. <i>Nature Genetics</i> , 2015 , 47, 1415-25	36.3	292
132	Differential association between biomarkers of subclinical inflammation and painful polyneuropathy: results from the KORA F4 study. <i>Diabetes Care</i> , 2015 , 38, 91-6	14.6	29
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123	Leveraging cross-species transcription factor binding site patterns: from diabetes risk loci to disease mechanisms. <i>Cell</i> , 2014 , 156, 343-58	56.2	96
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64	Large-Scale Gene-Centric Meta-Analysis across 39 Studies Identifies Type 2 Diabetes Loci. <i>American Journal of Human Genetics</i> , 2012 , 90, 753	11	4
63	Meta-analysis of Dense Genecentric Association Studies Reveals Common and Uncommon Variants Associated with Height. <i>American Journal of Human Genetics</i> , 2012 , 90, 1116-1117	11	78
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60	Homocysteine and coronary heart disease: meta-analysis of MTHFR case-control studies, avoiding publication bias. <i>PLoS Medicine</i> , 2012 , 9, e1001177	11.6	135
59	Myeloperoxidase, but not oxidized LDL, is associated with leisure-time physical activity: results from the MONICA/KORA Augsburg Studies 1984-1995. <i>Atherosclerosis</i> , 2011 , 219, 774-7	3.1	6
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49	Dense genotyping of candidate gene loci identifies variants associated with high-density lipoprotein cholesterol. <i>Circulation: Cardiovascular Genetics</i> , 2011 , 4, 145-55		66
48	Oxidized LDL and the risk of coronary heart disease: results from the MONICA/KORA Augsburg Study. <i>Clinical Chemistry</i> , 2011 , 57, 1196-200	5.5	60
47	Genetic predictors of fibrin D-dimer levels in healthy adults. <i>Circulation</i> , 2011 , 123, 1864-72	16.7	47
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41	Twelve type 2 diabetes susceptibility loci identified through large-scale association analysis. <i>Nature Genetics</i> , 2010 , 42, 579-89	36.3	1449
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29	Macrophage migration inhibitory factor (MIF) and risk for coronary heart disease: results from the MONICA/KORA Augsburg case-cohort study, 1984-2002. <i>Atherosclerosis</i> , 2008 , 200, 380-8	3.1	44
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19	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. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006 , 26, 2745-51	9.4	117
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15	Association of cardiovascular risk factors with markers of endothelial dysfunction in middle-aged men and women. Results from the MONICA/KORA Augsburg Study. <i>Thrombosis and Haemostasis</i> , 2006 , 95, 134-41	7	12
14	Cardiovascular effects of fine and ultrafine particles. <i>Journal of Aerosol Medicine and Pulmonary Drug Delivery</i> , 2005 , 18, 1-22		233
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9	Sex differences in risk factors for incident type 2 diabetes mellitus: the MONICA Augsburg cohort study. <i>Archives of Internal Medicine</i> , 2002 , 162, 82-9		192
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7	Availability of food folate in humans. <i>Journal of Nutrition</i> , 1999 , 129, 913-6	4.1	49
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5	Folate economy in pregnancy. <i>Nutrition</i> , 1997 , 13, 975-7	4.8	9
4	Refining the accuracy of validated target identification through coding variant fine-mapping in type 2 diabetes		4
3	Multi-platforms approach for plasma proteomics: complementarity of Olink PEA technology to mass spectrometry-based protein profiling		2
2	Trans-ancestry genetic study of type 2 diabetes highlights the power of diverse populations for discovery and translation		10

- 1 Fine-mapping of an expanded set of type 2 diabetes loci to single-variant resolution using high-density imputation and islet-specific epigenome maps