Wolfgang Rathmann

List of Publications by Year
in descending order

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240	15,003	34105 52	22166 113
papers	citations	h-index	g-index

253	253	253	23404
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Prediabetes: a high-risk state for diabetes development. Lancet, The, 2012, 379, 2279-2290.	13.7	1,950
2	Genome-wide trans-ancestry meta-analysis provides insight into the genetic architecture of type 2 diabetes susceptibility. Nature Genetics, 2014, 46, 234-244.	21.4	959
3	The genetic architecture of type 2 diabetes. Nature, 2016, 536, 41-47.	27.8	952
4	Cohort Profile: The Study of Health in Pomerania. International Journal of Epidemiology, 2011, 40, 294-307.	1.9	876
5	DNA methylation-based measures of biological age: meta-analysis predicting time to death. Aging, 2016, 8, 1844-1865.	3.1	786
6	Epigenome-wide association study of body mass index, and the adverse outcomes of adiposity. Nature, 2017, 541, 81-86.	27.8	743
7	High prevalence of undiagnosed diabetes mellitus in Southern Germany: Target populations for efficient screening. The KORA survey 2000. Diabetologia, 2003, 46, 182-189.	6.3	454
8	Risk of diabetes-associated diseases in subgroups of patients with recent-onset diabetes: a 5-year follow-up study. Lancet Diabetes and Endocrinology,the, 2019, 7, 684-694.	11.4	364
9	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-g3656.	6.0	363
10	Prevalence of Polyneuropathy in Pre-Diabetes and Diabetes Is Associated With Abdominal Obesity and Macroangiopathy. Diabetes Care, 2008, 31, 464-469.	8.6	346
11	Basic characteristics and representativeness of the German Disease Analyzer database. International Journal of Clinical Pharmacology and Therapeutics, 2018, 56, 459-466.	0.6	261
12	Sex differences in the relation of body composition to markers of inflammation. Atherosclerosis, 2006, 184, 216-224.	0.8	214
13	Diabetes in Europe: An update. Diabetes Research and Clinical Practice, 2014, 103, 206-217.	2.8	210
14	Incidence of Type 2 diabetes in the elderly German population and the effect of clinical and lifestyle risk factors: KORA S4/F4 cohort study. Diabetic Medicine, 2009, 26, 1212-1219.	2.3	154
15	Genome-wide meta-analysis uncovers novel loci influencing circulating leptin levels. Nature Communications, 2016, 7, 10494.	12.8	153
16	Vascular complications in patients with type 2 diabetes: prevalence and associated factors in 38 countries (the DISCOVER study program). Cardiovascular Diabetology, 2018, 17, 150.	6.8	149
17	The Prevalence and Incidence of Diabetes in Germany: An Analysis of Statutory Health Insurance Data on 65 Million Individuals From the Years 2009 and 2010. Deutsches Ärzteblatt International, 2016, 113, 177-82.	0.9	140
18	Association Between Long-term Exposure to Air Pollution and Biomarkers Related to Insulin Resistance, Subclinical Inflammation, and Adipokines. Diabetes, 2016, 65, 3314-3326.	0.6	127

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19	Pancreatic Steatosis Demonstrated at MR Imaging in the General Population: Clinical Relevance. Radiology, 2015, 276, 129-136.	7.3	113
20	Prediabetes and risk of mortality, diabetes-related complications and comorbidities: umbrella review of meta-analyses of prospective studies. Diabetologia, 2022, 65, 275-285.	6.3	110
21	Subclinical Disease Burden as Assessed by Whole-Body MRI in Subjects With Prediabetes, Subjects With Diabetes, and Normal Control Subjects From the General Population: The KORA-MRI Study. Diabetes, 2017, 66, 158-169.	0.6	102
22	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.	3.3	101
23	The Human Blood Metabolome-Transcriptome Interface. PLoS Genetics, 2015, 11, e1005274.	3.5	99
24	Effects of Metformin on Metabolite Profiles and LDL Cholesterol in Patients With Type 2 Diabetes. Diabetes Care, 2015, 38, 1858-1867.	8.6	97
25	Temporal changes in the prevalence of diagnosed diabetes, undiagnosed diabetes and prediabetes: findings from the German Health Interview and Examination Surveys in 1997â€“1999 and 2008â€“2011. Diabetic Medicine, 2016, 33, 1406-1414.	2.3	96
26	Performance of Screening Questionnaires and Risk Scores for Undiagnosed Diabetes. Archives of Internal Medicine, 2005, 165, 436.	3.8	93
27	Subclinical Inflammation and Diabetic Polyneuropathy. Diabetes Care, 2009, 32, 680-682.	8.6	92
28	Incidence of newly diagnosed diabetes after Covid-19. Diabetologia, 2022, 65, 949-954.	6.3	92
29	Proinflammatory Cytokines Predict the Incidence and Progression of Distal Sensorimotor Polyneuropathy: KORA F4/FF4 Study. Diabetes Care, 2017, 40, 569-576.	8.6	88
30	Prevalence of undiagnosed diabetes and impaired glucose regulation in 35â€“59â€yearâ€old individuals in Southern Germany: the KORA F4 Study. Diabetic Medicine, 2010, 27, 360-362.	2.3	86
31	Ten-year change in serum uric acid and its relation to changes in other metabolic risk factors in young black and white adults: the CARDIA study. European Journal of Epidemiology, 2007, 22, 439-445.	5.7	81
32	No reduced risk of overall, colorectal, lung, breast, and prostate cancer with metformin therapy in diabetic patients: database analyses from Germany and the UK. Pharmacoepidemiology and Drug Safety, 2015, 24, 865-874.	1.9	81
33	Association between DNA Methylation in Whole Blood and Measures of Glucose Metabolism: KORA F4 Study. PLoS ONE, 2016, 11, e0152314.	2.5	81
34	Burden of cardiovascular risk factors and cardiovascular disease in childhood cancer survivors: data from the German CVSS-study. European Heart Journal, 2018, 39, 1555-1562.	2.2	79
35	Treatment persistence, hypoglycaemia and clinical outcomes in type 2 diabetes patients with dipeptidyl peptidaseâ€4 inhibitors and sulphonylureas: a primary care database analysis. Diabetes, Obesity and Metabolism, 2013, 15, 55-61.	4.4	78
36	Association of Subclinical Inflammation With Polyneuropathy in the Older Population. Diabetes Care, 2013, 36, 3663-3670.	8.6	76

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37	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.	5.7	75
38	Adiponectin and Cardiovascular Mortality: Evidence for â€œReverse Epidemiologyâ€• Hormone and Metabolic Research, 2007, 39, 1-2.	1.5	73
39	Cohort Profile Update: The Study of Health in Pomerania (SHIP). International Journal of Epidemiology, 2022, 51, e372-e383.	1.9	73
40	Basic characteristics and representativeness of the German Disease Analyzer databaseâ€©. International Journal of Clinical Pharmacology and Therapeutics, 2018, 56, 459-466.	0.6	73
41	Impaired Glucose Metabolism in Primary Aldosteronism Is Associated With Cortisol Cosecretion. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 3192-3202.	3.6	72
42	Perceived risk of diabetes seriously underestimates actual diabetes risk: The KORA FF4 study. PLoS ONE, 2017, 12, e0171152.	2.5	64
43	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.	8.6	64
44	The potential of novel biomarkers to improve risk prediction of type 2 diabetes. Diabetologia, 2014, 57, 16-29.	6.3	63
45	Burden of Mortality Attributable to Diagnosed Diabetes: A Nationwide Analysis Based on Claims Data From 65 Million People in Germany. Diabetes Care, 2017, 40, 1703-1709.	8.6	63
46	Treatment of type 2 diabetes mellitus worldwide: Baseline patient characteristics in the global DISCOVER study. Diabetes Research and Clinical Practice, 2019, 151, 20-32.	2.8	63
47	Sex differences in the associations of socioeconomic status with undiagnosed diabetes mellitus and impaired glucose tolerance in the elderly population: the KORA Survey 2000. European Journal of Public Health, 2005, 15, 627-633.	0.3	62
48	Prediction models for incident Typeâ€ƒ2 diabetes mellitusâ€¨in the older population: KORA S4/F4 cohort study. Diabetic Medicine, 2010, 27, 1116-1123.	2.3	62
49	Plasma Concentrations of Afamin Are Associated With the Prevalence and Development of Metabolic Syndrome. Circulation: Cardiovascular Genetics, 2014, 7, 822-829.	5.1	62
50	Adiponectin may mediate the association between omentin, circulating lipids and insulin sensitivity: results from the KORA F4 study. European Journal of Endocrinology, 2015, 172, 423-432.	3.7	62
51	Healthcare costs of Type 2 diabetes in Germany. Diabetic Medicine, 2017, 34, 855-861.	2.3	61
52	Glucose and insulin levels are associated with arterial stiffness and concentric remodeling of the heart. Cardiovascular Diabetology, 2019, 18, 145.	6.8	58
53	Psoriasis and Cardiometabolic Traits: Modest Association but Distinct Genetic Architectures. Journal of Investigative Dermatology, 2015, 135, 1283-1293.	0.7	56
54	Fracture risk in patients with newly diagnosed type 2 diabetes: a retrospective database analysis in primary care. Journal of Diabetes and Its Complications, 2015, 29, 766-770.	2.3	56

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55	Preâ€diabetes and wellâ€controlled diabetes are not associated with periodontal disease: the <scp>SHIP</scp> Trend Study. Journal of Clinical Periodontology, 2015, 42, 422-430.	4.9	54
56	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, 643-653.	3.7	53
57	Persistent organic pollutants and the incidence of type 2 diabetes in the CARLA and KORA cohort studies. Environment International, 2019, 129, 221-228.	10.0	52
58	Update of the German Diabetes Risk Score and external validation in the German MONICA/KORA study. Diabetes Research and Clinical Practice, 2014, 104, 459-466.	2.8	48
59	Inequalities in glycaemic control, hypoglycaemia and diabetic ketoacidosis according to socioâ€economic status and areaâ€level deprivation in Type 1 diabetes mellitus: a systematic review. Diabetic Medicine, 2018, 35, 12-32.	2.3	48
60	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, 170-177.	3.8	47
61	Prevalence and risk factors of neuropathy in newly diagnosed type 2 diabetes in primary care practices: A retrospective database analysis in Germany and UK. Primary Care Diabetes, 2014, 8, 250-255.	1.8	46
62	Towards an improved global understanding of treatment and outcomes in people with type 2 diabetes: Rationale and methods of the DISCOVER observational study program. Journal of Diabetes and Its Complications, 2017, 31, 1188-1196.	2.3	46
63	Type 2 Diabetes. Deutsches Ärzteblatt International, 2013, 110, 331-7.	0.9	45
64	Effectiveness of chronic care models for the management of type 2 diabetes mellitus in Europe: a systematic review and meta-analysis. BMJ Open, 2017, 7, e013076.	1.9	45
65	C-reactive protein (CRP) and long-term air pollution with a focus on ultrafine particles. International Journal of Hygiene and Environmental Health, 2018, 221, 510-518.	4.3	45
66	Role of Patatin-Like Phospholipase Domainâ€“Containing 3 Gene for Hepatic Lipid Content and Insulin Resistance in Diabetes. Diabetes Care, 2020, 43, 2161-2168.	8.6	45
67	Cohort profile: Greifswald approach to individualized medicine (GANI_MED). Journal of Translational Medicine, 2014, 12, 144.	4.4	43
68	Prediabetes is associated with microalbuminuria, reduced kidney function and chronic kidney disease in the general population. Nutrition, Metabolism and Cardiovascular Diseases, 2018, 28, 234-242.	2.6	42
69	Are Sulfonylurea and Insulin Therapies Associated With a Larger Risk of Cancer Than Metformin Therapy? A Retrospective Database Analysis. Diabetes Care, 2015, 38, 59-65.	8.6	41
70	Is Particle Pollution in Outdoor Air Associated with Metabolic Control in Type 2 Diabetes?. PLoS ONE, 2014, 9, e91639.	2.5	40
71	Genetic Determinants of Circulating Interleukin-1 Receptor Antagonist Levels and Their Association With Glycemic Traits. Diabetes, 2014, 63, 4343-4359.	0.6	40
72	Extensive alterations of the whole-blood transcriptome are associated with body mass index: results of an mRNA profiling study involving two large population-based cohorts. BMC Medical Genomics, 2015, 8, 65.	1.5	40

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73	Longitudinal associations between ambient air pollution and insulin sensitivity: results from the KORA cohort study. Lancet Planetary Health, The, 2021, 5, e39-e49.	11.4	40
74	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.	5.7	37
75	HbA1c for diagnosis of type 2 diabetes. Is there an optimal cut point to assess high risk of diabetes complications, and how well does the 6.5% cutoff perform?. Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, 2013, 6, 477.	2.4	36
76	Differential Association Between Biomarkers of Subclinical Inflammation and Painful Polyneuropathy: Results From the KORA F4 Study. Diabetes Care, 2015, 38, 91-96.	8.6	36
77	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.	0.6	36
78	Renal and renal sinus fat volumes as quantified by magnetic resonance imaging in subjects with prediabetes, diabetes, and normal glucose tolerance. PLoS ONE, 2020, 15, e0216635.	2.5	36
79	DNA methylation and lipid metabolism: an EWAS of 226 metabolic measures. Clinical Epigenetics, 2021, 13, 7.	4.1	36
80	Differences in Biomarkers of Inflammation Between Novel Subgroups of Recent-Onset Diabetes. Diabetes, 2021, 70, 1198-1208.	0.6	36
81	Increased Intake of Carbohydrates from Sources with a Higher Glycemic Index and Lower Consumption of Whole Grains during Puberty Are Prospectively Associated with Higher IL-6 Concentrations in Younger Adulthood among Healthy Individuals. Journal of Nutrition, 2014, 144, 1586-1593.	2.9	35
82	Association of subclinical inflammation with deterioration of glycaemia before the diagnosis of type 2 diabetes: the KORA S4/F4 study. Diabetologia, 2015, 58, 2269-2277.	6.3	34
83	Association of Methylation Signals With Incident Coronary Heart Disease in an Epigenome-Wide Assessment of Circulating Tumor Necrosis Factor Î±. JAMA Cardiology, 2018, 3, 463.	6.1	33
84	The Association Between Patient-Reported Self-management Behavior, Intermediate Clinical Outcomes, and Mortality in Patients With Type 2 Diabetes: Results From the KORA-A Study. Diabetes Care, 2014, 37, 1604-1612.	8.6	32
85	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. Environment International, 2021, 147, 106364.	10.0	32
86	Differential association of adiponectin with cardiovascular risk markers in men and women? The KORA survey 2000. International Journal of Obesity, 2007, 31, 770-776.	3.4	31
87	Genome Wide Meta-analysis Highlights the Role of Genetic Variation in RARRES2 in the Regulation of Circulating Serum Chemerin. PLoS Genetics, 2014, 10, e1004854.	3.5	31
88	Predictors of hypoglycaemia in insulin-treated type 2 diabetes patients in primary care: A retrospective database analysis. Primary Care Diabetes, 2014, 8, 127-131.	1.8	31
89	Myocardial tissue characterization by contrast-enhanced cardiac magnetic resonance imaging in subjects with prediabetes, diabetes, and normal controls with preserved ejection fraction from the general population. European Heart Journal Cardiovascular Imaging, 2018, 19, 701-708.	1.2	31
90	Is Inflammation a Causal Chain between Low Socioeconomic Status and Type 2 Diabetes? Results from the KORA Survey 2000. European Journal of Epidemiology, 2006, 21, 55-60.	5.7	30

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91	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, 1088-1095.	3.7	30
92	HbA1c levels in non-diabetic older adults â€“ No J-shaped associations with primary cardiovascular events, cardiovascular and all-cause mortality after adjustment for confoundersÂin a meta-analysis of individual participant data from six cohort studies. BMC Medicine, 2016, 14, 26.	5.5	30
93	Trends in Outpatient Prescription Drug Costs in Diabetic Patients in Germany, 1994-2004. Diabetes Care, 2007, 30, 848-853.	8.6	29
94	Regional Differences of Undiagnosed Type 2 Diabetes and Prediabetes Prevalence Are Not Explained by Known Risk Factors. PLoS ONE, 2014, 9, e113154.	2.5	29
95	Global use of SGLT2 inhibitors and GLP-1 receptor agonists in type 2 diabetes. Results from DISCOVER. BMC Endocrine Disorders, 2022, 22, 111.	2.2	29
96	Pharmacogenetics of novel glucose-lowering drugs. Diabetologia, 2021, 64, 1201-1212.	6.3	28
97	Impact of metformin on metastases in patients with breast cancer and type 2 diabetes. Journal of Diabetes and Its Complications, 2016, 30, 1056-1059.	2.3	27
98	Prevalence of gestational diabetes and risk of complications before and after initiation of a general systematic two-step screening strategy in Germany (2012â€“2014). Diabetes Research and Clinical Practice, 2016, 115, 1-8.	2.8	26
99	DNA methylation signature of chronic low-grade inflammation and its role in cardio-respiratory diseases. Nature Communications, 2022, 13, 2408.	12.8	26
100	Impact of weight and weight change on normalization of prediabetes and on persistence of normal glucose tolerance in an older population: the KORA S4/F4 study. International Journal of Obesity, 2012, 36, 826-833.	3.4	25
101	Health-related quality of life in women and men with type 2 diabetes: a comparison across treatment groups. Journal of Diabetes and Its Complications, 2015, 29, 203-211.	2.3	25
102	Long-term effect of physical inactivity on thoracic and lumbar disc degenerationâ€”an MRI-based analysis of 385 individuals from the general population. Spine Journal, 2020, 20, 1386-1396.	1.3	25
103	A variant of the glucose transporter gene SLC2A2 modifies the glycaemic response to metformin therapy in recently diagnosed type 2 diabetes. Diabetologia, 2019, 62, 286-291.	6.3	24
104	Identification of putative biomarkers for type 2 diabetes using metabolomics in the Korea Association REsource (KARE) cohort. Metabolomics, 2016, 12, 1.	3.0	23
105	Socioeconomic status is not associated with type 2 diabetes incidence in an elderly population in Germany: KORA S4/F4 Cohort Study. Journal of Epidemiology and Community Health, 2011, 65, 606-612.	3.7	21
106	No adverse effect of outdoor air pollution on HbA1c in children and young adults with type 1 diabetes. International Journal of Hygiene and Environmental Health, 2016, 219, 349-355.	4.3	21
107	Association between abdominal adiposity and subclinical measures of left-ventricular remodeling in diabetics, prediabetics and normal controls without history of cardiovascular disease as measured by magnetic resonance imaging: results from the KORA-FF4 Study. Cardiovascular Diabetology, 2018, 17, 88.	6.8	21
108	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.	3.9	21

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109	Leukocyte Counts and T-Cell Frequencies Differ Between Novel Subgroups of Diabetes and Are Associated With Metabolic Parameters and Biomarkers of Inflammation. Diabetes, 2021, 70, 2652-2662.	0.6	21
110	Depression risk in patients with late-onset rheumatoid arthritis in Germany. Quality of Life Research, 2017, 26, 437-443.	3.1	20
111	Association of glycated hemoglobin A1c 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.	6.8	20
112	The Diabetes Epidemic in the Elderly Population in Western Europe: Data from Population-Based Studies. Gesundheitswesen, 2005, 67, 110-114.	0.5	19
113	Glycemic control after initiating basal insulin therapy in patients with type 2 diabetes: a primary care database analysis. Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, 2015, 8, 45.	2.4	19
114	Association of dipeptidyl peptidase 4 inhibitors with risk of metastases in patients with type 2 diabetes and breast, prostate or digestive system cancer. Journal of Diabetes and Its Complications, 2017, 31, 687-692.	2.3	19
115	Blood Pressure Control Has Improved in People with and without Type 2 Diabetes but Remains Suboptimal: A Longitudinal Study Based on the German DIAB-CORE Consortium. PLoS ONE, 2015, 10, e0133493.	2.5	19
116	Treatment Pattern of Type 2 Diabetes Differs in Two German Regions and with Patients' Socioeconomic Position. PLoS ONE, 2014, 9, e99773.	2.5	18
117	Myeloperoxidase, superoxide dismutaseâ€3, cardiometabolic risk factors, and distal sensorimotor polyneuropathy: The KORA F4/FF4 study. Diabetes/Metabolism Research and Reviews, 2018, 34, e3000.	4.0	18
118	Diabetes status affects long-term changes in coronal caries - The SHIP Study. Scientific Reports, 2019, 9, 15685.	3.3	18
119	Undiagnosed diabetes mellitus among patients with prior myocardial infarction. Clinical Research in Cardiology, 2002, 91, 620-625.	1.1	17
120	Associations between calcium and vitamin D supplement use as well as their serum concentrations and subclinical cardiovascular disease phenotypes. Atherosclerosis, 2015, 241, 743-751.	0.8	17
121	Treatment persistence after initiating basal insulin in type 2 diabetes patients: A primary care database analysis. Primary Care Diabetes, 2015, 9, 377-384.	1.8	17
122	Age at diagnosis of Type 2 diabetes in Germany: a nationwide analysis based on claims data from 69 million people. Diabetic Medicine, 2019, 37, 1723-1727.	2.3	17
123	Lower incidence of recorded cardiovascular outcomes in patients with type 2 diabetes using insulin aspart vs. those on human regular insulin: observational evidence from general practices. Diabetes, Obesity and Metabolism, 2013, 15, 358-363.	4.4	16
124	Low serum omentin levels in the elderly population with Type 2 diabetes and polyneuropathy. Diabetic Medicine, 2015, 32, 1479-1483.	2.3	16
125	Utility of HbA_{1c} and fasting plasma glucose for screening of Type 2 diabetes: a metaâ€analysis of full <scp>ROC</scp> curves. Diabetic Medicine, 2018, 35, 317-322.	2.3	16
126	Neuropathic pain is not adequately treated in the older general population: Results from the KORA F4 survey. Pharmacoepidemiology and Drug Safety, 2018, 27, 806-814.	1.9	16

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127	Plasma Metabolomics to Identify and Stratify Patients With Impaired Glucose Tolerance. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 6357-6370.	3.6	16
128	Prediabetes is associated with lower brain gray matter volume in the general population. The Study of Health in Pomerania (SHIP). Nutrition, Metabolism and Cardiovascular Diseases, 2017, 27, 1114-1122.	2.6	15
129	Genome-wide meta-analysis identifies novel determinants of circulating serum progranulin. Human Molecular Genetics, 2018, 27, 546-558.	2.9	15
130	Serum uromodulin and risk for cardiovascular morbidity and mortality in the community-based KORA F4 study. Atherosclerosis, 2020, 297, 1-7.	0.8	15
131	Change in glucoseâ€lowering medication regimens in individuals with type 2 diabetes mellitus during the COVIDâ€19 pandemic in Germany. Diabetes, Obesity and Metabolism, 2021, 23, 910-915.	4.4	15
132	Change in glycated haemoglobin levels after initiating secondâ€line therapy in type 2 diabetes: a primary care database study. Diabetes, Obesity and Metabolism, 2016, 18, 840-843.	4.4	14
133	Magnetic Resonanceâ€“based Assessment of Myocardial 2-Dimensional Strain Using Feature Tracking. Journal of Thoracic Imaging, 2020, 35, 49-55.	1.5	14
134	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.	2.5	14
135	Associated factors of white matter hyperintensity volume: a machine-learning approach. Scientific Reports, 2021, 11, 2325.	3.3	14
136	Differences in the prevalence of erectile dysfunction between novel subgroups of recent-onset diabetes. Diabetologia, 2022, 65, 552-562.	6.3	14
137	Association of neighbourhood unemployment rate with incident Type 2 diabetes mellitus in five German regions. Diabetic Medicine, 2015, 32, 1017-1022.	2.3	13
138	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.	2.5	13
139	Ldlr and ApoE mice better mimic the human metabolite signature of increased carotid intima media thickness compared to other animal models of cardiovascular disease. Atherosclerosis, 2018, 276, 140-147.	0.8	13
140	Serum Uromodulin Is Associated With But Does Not Predict Type 2 Diabetes in Elderly KORA F4/FF4 Study Participants. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 3795-3802.	3.6	13
141	Modifying effect of metabotype on dietâ€“diabetes associations. European Journal of Nutrition, 2020, 59, 1357-1369.	3.9	13
142	The effect of retirement on biomedical and behavioral risk factors for cardiovascular and metabolic disease. Economics and Human Biology, 2020, 38, 100893.	1.7	13
143	Association of Long-Term Air Pollution with Prevalence and Incidence of Distal Sensorimotor Polyneuropathy: KORA F4/FF4 Study. Environmental Health Perspectives, 2020, 128, 127013.	6.0	13
144	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.	2.8	12

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145	Increased depression symptom score in newly diagnosed type 2 diabetes patients. Psychiatry Research, 2018, 261, 259-263.	3.3	11
146	Abdominal fat deposits determined by magnetic resonance imaging in relation to leptin and vaspin levels as well as insulin resistance in the general adult population. International Journal of Obesity, 2018, 42, 183-189.	3.4	11
147	Association of characteristics of people with type 2 diabetes mellitus with discordant values of fasting glucose and HbA1c. Journal of Diabetes, 2018, 10, 934-941.	1.8	11
148	Distinct trajectories of HbA_{1c} in newly diagnosed Type 2 diabetes from the <scp>DPV</scp> registry using a longitudinal groupâ€based modelling approach. Diabetic Medicine, 2019, 36, 1468-1477.	2.3	11
149	Biomarkers of Inflammation and Glomerular Filtration Rate in Individuals with Recent-Onset Type 1 and Type 2 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2020, 105, e4370-e4381.	3.6	11
150	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, e001425.	2.8	11
151	Generalized anxiety disorder symptoms and type 2 diabetes onset: Findings from the Prospective Cooperative Health Research in the Region of Augsburg F4 and FF4 studies. Journal of Psychosomatic Research, 2021, 145, 110480.	2.6	11
152	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, 1647-1659.	3.6	11
153	Differential associations between diet and prediabetes or diabetes in the KORA FF4 study. Journal of Nutritional Science, 2018, 7, e34.	1.9	10
154	Characteristics and associated risk factors of diverticular disease assessed by magnetic resonance imaging in subjects from a Western general population. European Radiology, 2019, 29, 1094-1103.	4.5	10
155	Potential Markers of Dietary Glycemic Exposures for Sustained Dietary Interventions in Populations without Diabetes. Advances in Nutrition, 2020, 11, 1221-1236.	6.4	10
156	Associations between self-management behavior and sociodemographic and disease-related characteristics in elderly people with type 2 diabetes â€" New results from the population-based KORA studies in Germany. Primary Care Diabetes, 2020, 14, 508-514.	1.8	10
157	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.	2.9	10
158	Projected Effect of Increased Active Travel in German Urban Regions on the Risk of Type 2 Diabetes. PLoS ONE, 2015, 10, e0122145.	2.5	10
159	Serum uromodulin is inversely associated with the metabolic syndrome in the KORA F4 study. Endocrine Connections, 2019, 8, 1363-1371.	1.9	10
160	Prescription of Insulin Glargine in Primary Care Practices in Germany. Experimental and Clinical Endocrinology and Diabetes, 2007, 115, 252-256.	1.2	9
161	Diabetes treatment in people with type 2 diabetes and schizophrenia: Retrospective primary care database analyses. Primary Care Diabetes, 2016, 10, 36-40.	1.8	9
162	Changes in patient characteristics, glucose lowering treatment, glycemic control and complications in type 2 diabetes in general practices (Disease Analyzer, Germany: 2008-2016). Postgraduate Medicine, 2018, 130, 244-250.	2.0	9

#	Article	IF	Citations
163	Association between regional deprivation and type 2 diabetes incidence in Germany. BMJ Open Diabetes Research and Care, 2019, 7, e000857.	2.8	9
164	Associations of cardiac stress biomarkers with incident type 2 diabetes and changes in glucose metabolism: KORA F4/FF4 study. Cardiovascular Diabetology, 2020, 19, 178.	6.8	9
165	MRI-Derived Radiomics Features of Hepatic Fat Predict Metabolic States in Individuals without Cardiovascular Disease. Academic Radiology, 2021, 28, S1-S10.	2.5	9
166	Longitudinal change in HbA1c after insulin initiation in primary care patients with type 2 diabetes: A database analysis in UK and Germany. Primary Care Diabetes, 2012, 6, 47-52.	1.8	8
167	Risk factors for discontinuation of insulin pump therapy in pediatric and young adult patients. Primary Care Diabetes, 2014, 8, 346-351.	1.8	8
168	A clinical screening score for diabetic polyneuropathy: KORA F4 and AusDiab Studies. Journal of Diabetes and Its Complications, 2015, 29, 44-49.	2.3	8
169	Identifying patients with type 2 diabetes in which basal supported oral therapy may not be the optimal treatment strategy. Diabetes Research and Clinical Practice, 2016, 116, 127-135.	2.8	8
170	Regional differences in type 2 diabetes treatment and outcomes in Germanyâ€"An analysis of the German DPV and DIVE registries. Diabetes/Metabolism Research and Reviews, 2018, 34, e3049.	4.0	8
171	Performance of the UKPDS Outcomes ModelÂ2 for Predicting Death and Cardiovascular Events in Patients with Type 2 Diabetes Mellitus from a German Population-Based Cohort. Pharmacoeconomics, 2019, 37, 1485-1494.	3.3	8
172	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.	8.6	8
173	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.	2.5	8
174	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.	2.6	8
175	White matter hyperintensity volume in pre-diabetes, diabetes and normoglycemia. BMJ Open Diabetes Research and Care, 2021, 9, e002050.	2.8	8
176	Effects of the COVID-19 lockdown on primary health care for persons with type 2 diabetes â€“ Results from the German Disease Analyzer database. Diabetes Research and Clinical Practice, 2021, 179, 109002.	2.8	8
177	Different Injection Frequencies of Basal Insulins in Type 2 Diabetes Patients under Real-Life Conditions: A Retrospective Database Analysis. Journal of Diabetes Science and Technology, 2013, 7, 1354-1358.	2.2	7
178	Inverse association of HbA1c with faecal elastase 1 in people without diabetes. Pancreatology, 2015, 15, 620-625.	1.1	7
179	Predictors of early discontinuation of basal insulin therapy in type 2 diabetes in primary care. Primary Care Diabetes, 2016, 10, 142-147.	1.8	7
180	Vertebral Bone Marrow Fat Is independently Associated to VAT but Not to SAT: KORA FF4â€"Whole-Body MR Imaging in a Population-Based Cohort. Nutrients, 2020, 12, 1527.	4.1	7

#	Article	IF	Citations
181	Association between metabolic syndrome and hip osteoarthritis in middle-aged men and women from the general population. PLoS ONE, 2020, 15, e0230185.	2.5	7
182	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, e001951.	2.8	7
183	Associations between secondâ€line glucoseâ€lowering combination therapies with metformin and <scp>HbA1c</scp>, body weight, quality of life, hypoglycaemic events and glucoseâ€lowering treatment intensification: The <scp>DISCOVER</scp> study. Diabetes, Obesity and Metabolism, 2021, 23, 1823-1833.	4.4	7
184	Association between type 2 diabetes and chronic low back pain in general practices in Germany. BMJ Open Diabetes Research and Care, 2021, 9, e002426.	2.8	7
185	Predictors of Insulin Initiation in Metformin and Sulfonylurea Users in Primary Care Practices. Journal of Diabetes Science and Technology, 2014, 8, 1023-1028.	2.2	6
186	Macro- and Microvascular Outcomes in Patients with Type 2 Diabetes Treated with Rapid-Acting Insulin Analogues or Human Regular Insulin: a Retrospective Database Analysis. Experimental and Clinical Endocrinology and Diabetes, 2014, 122, 92-99.	1.2	6
187	Protocol of a cluster randomized trial to investigate the impact of a type 2 diabetes risk prediction model on change in physical activity in primary care. BMC Endocrine Disorders, 2018, 18, 72.	2.2	6
188	A missed protective drugâ€“drug interaction of DPP-4 inhibitors and statins on myopathy risk. Acta Diabetologica, 2020, 57, 113-114.	2.5	6
189	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, e001321.	2.8	6
190	Cardiovascular disease prevalence in type 2 diabetes â€“ an analysis of a large German statutory health insurance database. BMC Public Health, 2021, 21, 328.	2.9	6
191	Association between Adipose Tissue Depots and Dyslipidemia: The KORA-MRI Population-Based Study. Nutrients, 2022, 14, 797.	4.1	6
192	Effects of the COVIDâ€19 pandemic on clinically diagnosed psychiatric disorders in persons with type 2 diabetes. Diabetic Medicine, 2022, 39, e14852.	2.3	6
193	Altered relation of the renin-aldosterone system and vasoactive peptides in type 2 diabetes: The KORA F4 study. Atherosclerosis, 2016, 252, 88-96.	0.8	5
194	Genome-wide Association Study of Change in Fasting Glucose over time in 13,807 non-diabetic European Ancestry Individuals. Scientific Reports, 2019, 9, 9439.	3.3	5
195	Serum insulin is associated with right ventricle function parameters and lung volumes in subjects free of cardiovascular disease. European Journal of Endocrinology, 2021, 184, 289-298.	3.7	5
196	Chronic Inflammation Mediates the Association between Cortisol and Hyperglycemia: Findings from the Cross-Sectional Population-Based KORA Age Study. Journal of Clinical Medicine, 2021, 10, 2751.	2.4	5
197	Longitudinal relationship of particulate matter and metabolic control and severe hypoglycaemia in children and adolescents with type 1 diabetes. Environmental Research, 2022, 203, 111859.	7.5	5
198	Lack of association of MRI determined subclinical cardiovascular disease with dizziness and vertigo in a cross-sectional population-based study. PLoS ONE, 2017, 12, e0184858.	2.5	5

#	Article	IF	Citations
199	Type 2 diabetes: unravelling the interaction between genetic predisposition and lifestyle. Diabetologia, 2011, 54, 2217-2219.	6.3	4
200	Regional differences of macrovascular disease in Northeast and South Germany: the population-based SHIP-TREND and KORA-F4 studies. BMC Public Health, 2018, 18, 1331.	2.9	4
201	Socioeconomic factors associated with hypoglycaemia in patients starting second-line glucose-lowering therapy: The DISCOVER study. Diabetes Research and Clinical Practice, 2020, 165, 108250.	2.8	4
202	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.	3.3	4
203	Associations of carotid intima media thickness with gene expression in whole blood and genetically predicted gene expression across 48 tissues. Human Molecular Genetics, 2022, 31, 1171-1182.	2.9	4
204	Inappropriate intensification of glucose-lowering treatment in older patients with type 2 diabetes: the global DISCOVER study. BMJ Open Diabetes Research and Care, 2021, 9, e001585.	2.8	4
205	Association of MRIâ€based adrenal gland volume and impaired glucose metabolism in a populationâ€based cohort study. Diabetes/Metabolism Research and Reviews, 2022, 38, e3528.	4.0	4
206	Association of faecal elastase 1 with non-fasting triglycerides in type 2 diabetes. Pancreatology, 2016, 16, 563-569.	1.1	3
207	Impact of insulin sensitivity, betaâ€cell function and glycaemic control on initiation of secondâ€line glucoseâ€lowering treatment in newly diagnosed type 2 diabetes. Diabetes, Obesity and Metabolism, 2017, 19, 866-873.	4.4	3
208	Calculated Daily Insulin Dosages Overestimate Prescribed Insulin Doses in Type 2 Diabetes: A Primary Care Database Study. Journal of Diabetes Science and Technology, 2017, 11, 597-601.	2.2	3
209	Metformin discontinuation in patients beginning second-line glucose-lowering therapy: results from the global observational DISCOVER study programme. BMJ Open, 2020, 10, e034613.	1.9	3
210	Prediction of type 2 diabetes mellitus based on nutrition data. Journal of Nutritional Science, 2021, 10, e46.	1.9	3
211	Significant Impact of Coffee Consumption on MR-Based Measures of Cardiac Function in a Population-Based Cohort Study without Manifest Cardiovascular Disease. Nutrients, 2021, 13, 1275.	4.1	3
212	Early versus late intensification of glucose-lowering therapy in patients with type 2 diabetes: Results from the DISCOVER study. Diabetes Research and Clinical Practice, 2021, 178, 108947.	2.8	3
213	Risk of hypoglycaemia in type 2 diabetes patients under different insulin regimens: a primary care database analysis. GMS German Medical Science, 2015, 13, Doc01.	2.7	3
214	Avoiding Time-Related Biases: A Feasibility Study on Antidiabetic Drugs and Pancreatic Cancer Applying the Parametric g-Formula to a Large German Healthcare Database. Clinical Epidemiology, 2021, Volume 13, 1027-1038.	3.0	3
215	Socioâ€economic inequalities in glycaemic control in recently diagnosed adults with type 1 and type 2 diabetes. Diabetic Medicine, 2022, 39, e14833.	2.3	3
216	Longitudinal Change in HbA1c in Patients with Type 2 Diabetes: Comparison of Short-acting, Biphasic and Basal Insulin. Experimental and Clinical Endocrinology and Diabetes, 2009, 117, 230-233.	1.2	2

#	Article	IF	Citations
217	Magnetic Resonance Imaging of Diverticular Disease and its Association with Adipose Tissue Compartments and Constitutional Risk Factors in Subjects from a Western General Population. RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren, 2021, 193, 33-41.	1.3	2
218	Educational Level, but Not Income or Area Deprivation, is Related to Macrovascular Disease: Results From Two Population-Based Cohorts in Germany. International Journal of Public Health, 2021, 66, 633909.	2.3	2
219	Association of persistent organic pollutants with sensorimotor neuropathy in participants with and without diabetes or prediabetes: Results from the population-based KORA FF4 study. International Journal of Hygiene and Environmental Health, 2021, 235, 113752.	4.3	2
220	Dietary habits and the presence and degree of asymptomatic diverticular disease by magnetic resonance imaging in a Western population: a population-based cohort study. Nutrition and Metabolism, 2021, 18, 73.	3.0	2
221	Association between hepatic fat and subclinical vascular disease burden in the general population. BMJ Open Gastroenterology, 2021, 8, e000709.	2.7	2
222	Association of serum uromodulin with adipokines in dependence of type 2 diabetes. Cytokine, 2022, 150, 155786.	3.2	2
223	Effect of obesity on the associations of 25-hydroxyvitamin D with prevalent and incident distal sensorimotor polyneuropathy: population-based KORA F4/FF4 study. International Journal of Obesity, 2022, 46, 1366-1374.	3.4	2
224	Impact of applying a diabetes risk score in primary care on change in physical activity: a pragmatic cluster randomised trial. Acta Diabetologica, 2022, 59, 1031-1040.	2.5	2
225	Association between hepatic iron overload assessed by magnetic resonance imaging and glucose intolerance states in the general population. Nutrition, Metabolism and Cardiovascular Diseases, 2022, 32, 1470-1476.	2.6	1
226	Combined Effects of Diabetes and Education on Decline of Cognitive Performance in the Older Population: The Survey of Health, Ageing, and Retirement in Europe. Gerontology, 2023, 69, 172-180.	2.8	1
227	P2-269 Regional differences in the prevalence of type 2 diabetes mellitus: results from five population-based cohort studies in Germany (DIAB-CORE consortium). Journal of Epidemiology and Community Health, 2011, 65, A296-A296.	3.7	0
228	PS9 - 48. External validation of the KORA S4/F4 prediction models for the risk of developing type 2 diabetes in older adults: the PREVEND Study. Nederlands Tijdschrift Voor Diabetologie, 2011, 9, 124-124.	0.0	0
229	Response to research letter in relation to paper by Bongaerts et al., A Clinical Screening Score for Diabetic Polyneuropathy: KORA F4 and AusDiab Studies (A single question screening test for the) Tj ETQq1 1 0.784314 rgBT /Overloc	2.3	0
230	Dataset of the associations of aldosterone to renin ratio with MR-proANP and MR-proADM. Data in Brief, 2016, 8, 1395-1399.	1.0	0
231	OP X â€“ 1â€...Long-term exposure to ultrafine particles and type 2 diabetes prevalence in a longitudinal setting. , 2018, , .		0
232	OP X â€“ 3â€...C-reactive protein (crp) and long-term air pollution with a focus on ultrafine particles. , 2018, , .		0
233	Associations between haemoglobin A_{1c} and mortality rate in the KORA S4 and the Heinz Nixdorf Recall populationâ€based cohort studies. Diabetes/Metabolism Research and Reviews, 2021, 37, e3369.	4.0	0
234	Differences in the prevalence of erectile dysfunction between novel diabetes subgroups. Diabetologie Und Stoffwechsel, 2021, 16, .	0.0	0

#	Article	IF	Citations
235	Anwendung eines Algorithmus fÃ¼r maschinelles Lernen zur explorativen Bestimmung extrakranieller Determinanten des Volumens der grauen Hirnsubstanz in der KORA-MRT-Studie. , 2019, 191, .		0
236	Inverse associations between serum afamin concentrations and inflammatory biomarkers in an older adult population: Results from KORA F4 study. , 2019, 14, .		0
237	Validation of metabotypes identified in an Irish population in the German KORA FF4 study. Proceedings of the Nutrition Society, 2020, 79, .	1.0	0
238	Is there an association between long-term exposure to particulate matter and events of severe hypoglycaemia in children and adolescents with type 1 diabetes?. ISEE Conference Abstracts, 2020, 2020, .	0.0	0
239	Dispensation Patterns of Glucose-Lowering Drugs in Newly Diagnosed Type 2 Diabetes: Routine Data Analysis of Insurance Claims in Germany. Experimental and Clinical Endocrinology and Diabetes, 2021, , .	1.2	0
240	Changes of Glucagonlike Peptide-1 Receptor Agonist (GLP-1 RA) and Sodium-glucose Co-transporter 2 Inhibitor (SGLT2i) prescription rates in Germany after the ADA/EASD Consensus Report: A Retrospective Study. Diabetologie Und Stoffwechsel, 2022, , .	0.0	0