

# Wolfgang Koenig

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/3384380/wolfgang-koenig-publications-by-citations.pdf>

**Version:** 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

562  
papers

57,388  
citations

104  
h-index

230  
g-index

605  
ext. papers

69,858  
ext. citations

8.7  
avg, IF

7.07  
L-index

#	Paper	IF	Citations
562	Rosuvastatin to prevent vascular events in men and women with elevated C-reactive protein. <i>New England Journal of Medicine</i> , <b>2008</b> , 359, 2195-207	59.2	4661
561	Antiinflammatory Therapy with Canakinumab for Atherosclerotic Disease. <i>New England Journal of Medicine</i> , <b>2017</b> , 377, 1119-1131	59.2	3877
560	Genetic studies of body mass index yield new insights for obesity biology. <i>Nature</i> , <b>2015</b> , 518, 197-206	50.4	2687
559	From vulnerable plaque to vulnerable patient: a call for new definitions and risk assessment strategies: Part I. <i>Circulation</i> , <b>2003</b> , 108, 1664-72	16.7	1985
558	C-Reactive protein, a sensitive marker of inflammation, predicts future risk of coronary heart disease in initially healthy middle-aged men: results from the MONICA (Monitoring Trends and Determinants in Cardiovascular Disease) Augsburg Cohort Study, 1984 to 1992. <i>Circulation</i> , <b>1999</b> , 99, 237-42	16.7	1410
557	Clinical Features and Outcomes of Takotsubo (Stress) Cardiomyopathy. <i>New England Journal of Medicine</i> , <b>2015</b> , 373, 929-38	59.2	1260
556	Large-scale association analysis identifies new risk loci for coronary artery disease. <i>Nature Genetics</i> , <b>2013</b> , 45, 25-33	36.3	1172
555	Activation of human aortic smooth-muscle cells is inhibited by PPARalpha but not by PPARgamma activators. <i>Nature</i> , <b>1998</b> , 393, 790-3	50.4	1015
554	New genetic loci link adipose and insulin biology to body fat distribution. <i>Nature</i> , <b>2015</b> , 518, 187-196	50.4	920
553	From vulnerable plaque to vulnerable patient: a call for new definitions and risk assessment strategies: Part II. <i>Circulation</i> , <b>2003</b> , 108, 1772-8	16.7	886
552	Efficacy and Safety of Low-Dose Colchicine after Myocardial Infarction. <i>New England Journal of Medicine</i> , <b>2019</b> , 381, 2497-2505	59.2	861
551	C-reactive protein, fibrinogen, and cardiovascular disease prediction. <i>New England Journal of Medicine</i> , <b>2012</b> , 367, 1310-20	59.2	750
550	Reduction in C-reactive protein and LDL cholesterol and cardiovascular event rates after initiation of rosuvastatin: a prospective study of the JUPITER trial. <i>Lancet, The</i> , <b>2009</b> , 373, 1175-82	40	734
549	Effect of interleukin-1 inhibition with canakinumab on incident lung cancer in patients with atherosclerosis: exploratory results from a randomised, double-blind, placebo-controlled trial. <i>Lancet, The</i> , <b>2017</b> , 390, 1833-1842	40	634
548	New loci associated with kidney function and chronic kidney disease. <i>Nature Genetics</i> , <b>2010</b> , 42, 376-84	36.3	599
547	Increased plasma viscosity during an air pollution episode: a link to mortality?. <i>Lancet, The</i> , <b>1997</b> , 349, 1582-7	40	555
546	Effect of Evolocumab on Progression of Coronary Disease in Statin-Treated Patients: The GLAGOV Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , <b>2016</b> , 316, 2373-2384	27.4	549

545	A randomized trial of rosuvastatin in the prevention of venous thromboembolism. <i>New England Journal of Medicine</i> , <b>2009</b> , 360, 1851-61	59.2	547
544	How to use high-sensitivity cardiac troponins in acute cardiac care. <i>European Heart Journal</i> , <b>2012</b> , 33, 2252-7	9.5	531
543	Risk thresholds for alcohol consumption: combined analysis of individual-participant data for 599 912 current drinkers in 83 prospective studies. <i>Lancet, The</i> , <b>2018</b> , 391, 1513-1523	40	530
542	Interleukin-6 receptor pathways in coronary heart disease: a collaborative meta-analysis of 82 studies. <i>Lancet, The</i> , <b>2012</b> , 379, 1205-13	40	522
541	From vulnerable plaque to vulnerable patient--Part III: Executive summary of the Screening for Heart Attack Prevention and Education (SHAPE) Task Force report. <i>American Journal of Cardiology</i> , <b>2006</b> , 98, 2H-15H	3	489
540	C-reactive protein in the arterial intima: role of C-reactive protein receptor-dependent monocyte recruitment in atherogenesis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2000</b> , 20, 2094-9	9.4	469
539	Recommendations for the use of cardiac troponin measurement in acute cardiac care. <i>European Heart Journal</i> , <b>2010</b> , 31, 2197-204	9.5	455
538	Genome-wide meta-analysis identifies 11 new loci for anthropometric traits and provides insights into genetic architecture. <i>Nature Genetics</i> , <b>2013</b> , 45, 501-12	36.3	437
537	C-reactive protein frequently colocalizes with the terminal complement complex in the intima of early atherosclerotic lesions of human coronary arteries. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>1998</b> , 18, 1386-92	9.4	430
536	Relationship of C-reactive protein reduction to cardiovascular event reduction following treatment with canakinumab: a secondary analysis from the CANTOS randomised controlled trial. <i>Lancet, The</i> , <b>2018</b> , 391, 319-328	40	430
535	Effect of alcohol consumption on systemic markers of inflammation. <i>Lancet, The</i> , <b>2001</b> , 357, 763-7	40	425
534	Mendelian randomization of blood lipids for coronary heart disease. <i>European Heart Journal</i> , <b>2015</b> , 36, 539-50	9.5	417
533	Meta-analysis of genome-wide association studies in >80 000 subjects identifies multiple loci for C-reactive protein levels. <i>Circulation</i> , <b>2011</b> , 123, 731-8	16.7	395
532	Cardiovascular Efficacy and Safety of Bococizumab in High-Risk Patients. <i>New England Journal of Medicine</i> , <b>2017</b> , 376, 1527-1539	59.2	390
531	Darapladib for preventing ischemic events in stable coronary heart disease. <i>New England Journal of Medicine</i> , <b>2014</b> , 370, 1702-11	59.2	363
530	2021 ESC Guidelines on cardiovascular disease prevention in clinical practice. <i>European Heart Journal</i> , <b>2021</b> , 42, 3227-3337	9.5	358
529	C-reactive protein modulates risk prediction based on the Framingham Score: implications for future risk assessment: results from a large cohort study in southern Germany. <i>Circulation</i> , <b>2004</b> , 109, 1349-53	16.7	343
528	Plasma oxidized low-density lipoprotein, a strong predictor for acute coronary heart disease events in apparently healthy, middle-aged men from the general population. <i>Circulation</i> , <b>2005</b> , 112, 651-7	16.7	322

527	Concept, design and implementation of a cardiovascular gene-centric 50 k SNP array for large-scale genomic association studies. <i>PLoS ONE</i> , <b>2008</b> , 3, e3583	3.7	321
526	Air pollution and markers of inflammation and coagulation in patients with coronary heart disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2006</b> , 173, 432-41	10.2	312
525	Two Phase 3 Trials of Inclisiran in Patients with Elevated LDL Cholesterol. <i>New England Journal of Medicine</i> , <b>2020</b> , 382, 1507-1519	59.2	302
524	Efficacy and safety of statin therapy in older people: a meta-analysis of individual participant data from 28 randomised controlled trials. <i>Lancet, The</i> , <b>2019</b> , 393, 407-415	40	300
523	Biomarkers of atherosclerotic plaque instability and rupture. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2007</b> , 27, 15-26	9.4	298
522	Genetic associations at 53 loci highlight cell types and biological pathways relevant for kidney function. <i>Nature Communications</i> , <b>2016</b> , 7, 10023	17.4	295
521	Sex-stratified genome-wide association studies including 270,000 individuals show sexual dimorphism in genetic loci for anthropometric traits. <i>PLoS Genetics</i> , <b>2013</b> , 9, e1003500	6	277
520	Lipid-related markers and cardiovascular disease prediction. <i>JAMA - Journal of the American Medical Association</i> , <b>2012</b> , 307, 2499-506	27.4	271
519	Lipoprotein-associated phospholipase A2 adds to risk prediction of incident coronary events by C-reactive protein in apparently healthy middle-aged men from the general population: results from the 14-year follow-up of a large cohort from southern Germany. <i>Circulation</i> , <b>2004</b> , 110, 1903-8	16.7	269
518	Novel associations of multiple genetic loci with plasma levels of factor VII, factor VIII, and von Willebrand factor: The CHARGE (Cohorts For Heart and Aging Research in Genome Epidemiology) Consortium. <i>Circulation</i> , <b>2010</b> , 121, 1382-92	16.7	260
517	Effects of coffee consumption on subclinical inflammation and other risk factors for type 2 diabetes: a clinical trial. <i>American Journal of Clinical Nutrition</i> , <b>2010</b> , 91, 950-7	7	257
516	C-reactive protein as a predictor for incident diabetes mellitus among middle-aged men: results from the MONICA Augsburg cohort study, 1984-1998. <i>Archives of Internal Medicine</i> , <b>2003</b> , 163, 93-9		242
515	World Health Organization cardiovascular disease risk charts: revised models to estimate risk in 21 global regions. <i>The Lancet Global Health</i> , <b>2019</b> , 7, e1332-e1345	13.6	239
514	Plasma concentrations of cystatin C in patients with coronary heart disease and risk for secondary cardiovascular events: more than simply a marker of glomerular filtration rate. <i>Clinical Chemistry</i> , <b>2005</b> , 51, 321-7	5.5	237
513	Modulation of the interleukin-6 signalling pathway and incidence rates of atherosclerotic events and all-cause mortality: analyses from the Canakinumab Anti-Inflammatory Thrombosis Outcomes Study (CANTOS). <i>European Heart Journal</i> , <b>2018</b> , 39, 3499-3507	9.5	233
512	Cardiovascular effects of fine and ultrafine particles. <i>Journal of Aerosol Medicine and Pulmonary Drug Delivery</i> , <b>2005</b> , 18, 1-22		233
511	Lipid-Reduction Variability and Antidrug-Antibody Formation with Bococizumab. <i>New England Journal of Medicine</i> , <b>2017</b> , 376, 1517-1526	59.2	226
510	Fibrin(ogen) in cardiovascular disease: an update. <i>Thrombosis and Haemostasis</i> , <b>2003</b> , 89, 601-609	7	225

509	The Influence of Age and Sex on Genetic Associations with Adult Body Size and Shape: A Large-Scale Genome-Wide Interaction Study. <i>PLoS Genetics</i> , <b>2015</b> , 11, e1005378	6	220
508	Antidiabetic PPAR gamma-activator rosiglitazone reduces MMP-9 serum levels in type 2 diabetic patients with coronary artery disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2003</b> , 23, 283-8	9.4	218
507	Independent association of various smoking characteristics with markers of systemic inflammation in men. Results from a representative sample of the general population (MONICA Augsburg Survey 1994/95). <i>European Heart Journal</i> , <b>2003</b> , 24, 1365-72	9.5	218
506	A catalog of genetic loci associated with kidney function from analyses of a million individuals. <i>Nature Genetics</i> , <b>2019</b> , 51, 957-972	36.3	217
505	Large-scale gene-centric meta-analysis across 39 studies identifies type 2 diabetes loci. <i>American Journal of Human Genetics</i> , <b>2012</b> , 90, 410-25	11	214
504	Air pollution and inflammation (interleukin-6, C-reactive protein, fibrinogen) in myocardial infarction survivors. <i>Environmental Health Perspectives</i> , <b>2007</b> , 115, 1072-80	8.4	210
503	Effect of High-Dose Omega-3 Fatty Acids vs Corn Oil on Major Adverse Cardiovascular Events in Patients at High Cardiovascular Risk: The STRENGTH Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , <b>2020</b> , 324, 2268-2280	27.4	209
502	Varespladib and cardiovascular events in patients with an acute coronary syndrome: the VISTA-16 randomized clinical trial. <i>JAMA - Journal of the American Medical Association</i> , <b>2014</b> , 311, 252-62	27.4	205
501	Immunoradiometric Assay of Circulating C-Reactive Protein: Age-related Values in the Adult General Population. <i>Clinical Chemistry</i> , <b>2000</b> , 46, 934-938	5.5	199
500	Inclisiran for the Treatment of Heterozygous Familial Hypercholesterolemia. <i>New England Journal of Medicine</i> , <b>2020</b> , 382, 1520-1530	59.2	197
499	Sex differences in the relation of body composition to markers of inflammation. <i>Atherosclerosis</i> , <b>2006</b> , 184, 216-24	3.1	191
498	Large-scale gene-centric meta-analysis across 32 studies identifies multiple lipid loci. <i>American Journal of Human Genetics</i> , <b>2012</b> , 91, 823-38	11	189
497	Large-scale genomic studies reveal central role of ABO in sP-selectin and sICAM-1 levels. <i>Human Molecular Genetics</i> , <b>2010</b> , 19, 1863-72	5.6	186
496	Rationale and design of the Pemafibrate to Reduce Cardiovascular Outcomes by Reducing Triglycerides in Patients with Diabetes (PROMINENT) study. <i>American Heart Journal</i> , <b>2018</b> , 206, 80-93	4.9	183
495	Lipoprotein-associated phospholipase A2 predicts future cardiovascular events in patients with coronary heart disease independently of traditional risk factors, markers of inflammation, renal function, and hemodynamic stress. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2006</b> , 26, 1586-93	9.4	178
494	High-sensitivity C-reactive protein and atherosclerotic disease: from improved risk prediction to risk-guided therapy. <i>International Journal of Cardiology</i> , <b>2013</b> , 168, 5126-34	3.2	176
493	Effects of the high-density lipoprotein mimetic agent CER-001 on coronary atherosclerosis in patients with acute coronary syndromes: a randomized trial. <i>European Heart Journal</i> , <b>2014</b> , 35, 3277-86	9.5	176
492	Recommendations for the use of natriuretic peptides in acute cardiac care: a position statement from the Study Group on Biomarkers in Cardiology of the ESC Working Group on Acute Cardiac Care. <i>European Heart Journal</i> , <b>2012</b> , 33, 2001-6	9.5	176

491	DNA methylation signatures of chronic low-grade inflammation are associated with complex diseases. <i>Genome Biology</i> , <b>2016</b> , 17, 255	18.3	171
490	CUBN is a gene locus for albuminuria. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2011</b> , 22, 555-707	170	170
489	Meta-analysis of genome-wide association studies from the CHARGE consortium identifies common variants associated with carotid intima media thickness and plaque. <i>Nature Genetics</i> , <b>2011</b> , 43, 940-7	36.3	168
488	The possible role of hemorheology in atherothrombogenesis. <i>Atherosclerosis</i> , <b>1992</b> , 94, 93-107	3.1	166
487	Rosuvastatin for primary prevention in older persons with elevated C-reactive protein and low to average low-density lipoprotein cholesterol levels: exploratory analysis of a randomized trial. <i>Annals of Internal Medicine</i> , <b>2010</b> , 152, 488-96, W174	8	155
486	Cystatin C and cardiovascular risk. <i>Clinical Chemistry</i> , <b>2009</b> , 55, 1932-43	5.5	150
485	Pioglitazone reduces neointima volume after coronary stent implantation: a randomized, placebo-controlled, double-blind trial in nondiabetic patients. <i>Circulation</i> , <b>2005</b> , 112, 2792-8	16.7	149
484	Serum concentrations of adiponectin and risk of type 2 diabetes mellitus and coronary heart disease in apparently healthy middle-aged men: results from the 18-year follow-up of a large cohort from southern Germany. <i>Journal of the American College of Cardiology</i> , <b>2006</b> , 48, 1369-77	15.1	149
483	Association between degenerative aortic valve disease and long-term exposure to cardiovascular risk factors: results of the longitudinal population-based KORA/MONICA survey. <i>European Heart Journal</i> , <b>2009</b> , 30, 2044-53	9.5	145
482	Elevated levels of interleukin-18 predict the development of type 2 diabetes: results from the MONICA/KORA Augsburg Study, 1984-2002. <i>Diabetes</i> , <b>2005</b> , 54, 2932-8	0.9	145
481	The role of adiposity in cardiometabolic traits: a Mendelian randomization analysis. <i>PLoS Medicine</i> , <b>2013</b> , 10, e1001474	11.6	144
480	Genome-wide association and functional follow-up reveals new loci for kidney function. <i>PLoS Genetics</i> , <b>2012</b> , 8, e1002584	6	143
479	High-sensitivity troponin T concentrations in acute chest pain patients evaluated with cardiac computed tomography. <i>Circulation</i> , <b>2010</b> , 121, 1227-34	16.7	140
478	Troponin I and cardiovascular risk prediction in the general population: the BiomarCaRE consortium. <i>European Heart Journal</i> , <b>2016</b> , 37, 2428-37	9.5	140
477	Sex differences in the prediction of type 2 diabetes by inflammatory markers: results from the MONICA/KORA Augsburg case-cohort study, 1984-2002. <i>Diabetes Care</i> , <b>2007</b> , 30, 854-60	14.6	135
476	Long-Term Prognosis of Patients With Takotsubo Syndrome. <i>Journal of the American College of Cardiology</i> , <b>2018</b> , 72, 874-882	15.1	134
475	Assessment of omega-3 carboxylic acids in statin-treated patients with high levels of triglycerides and low levels of high-density lipoprotein cholesterol: Rationale and design of the STRENGTH trial. <i>Clinical Cardiology</i> , <b>2018</b> , 41, 1281-1288	3.3	134
474	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). <i>Diabetes</i> , <b>2005</b> , 54 Suppl 2, S11-7	0.9	132

473	Gene-centric meta-analysis in 87,736 individuals of European ancestry identifies multiple blood-pressure-related loci. <i>American Journal of Human Genetics</i> , <b>2014</b> , 94, 349-60	11	131
472	Rapid effects of rosiglitazone treatment on endothelial function and inflammatory biomarkers. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2005</b> , 25, 1804-9	9.4	126
471	Uric acid levels are associated with all-cause and cardiovascular disease mortality independent of systemic inflammation in men from the general population: the MONICA/KORA cohort study. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2008</b> , 28, 1186-92	9.4	125
470	Target genes, variants, tissues and transcriptional pathways influencing human serum urate levels. <i>Nature Genetics</i> , <b>2019</b> , 51, 1459-1474	36.3	122
469	Loci influencing blood pressure identified using a cardiovascular gene-centric array. <i>Human Molecular Genetics</i> , <b>2013</b> , 22, 1663-78	5.6	119
468	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> , <b>2006</b> , 26, 2745-51	9.4	117
467	Elevated markers of endothelial dysfunction predict type 2 diabetes mellitus in middle-aged men and women from the general population. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2006</b> , 26, 398-405	9.4	115
466	Inhibition of Interleukin-1 $\beta$ by Canakinumab and Cardiovascular Outcomes in Patients With Chronic Kidney Disease. <i>Journal of the American College of Cardiology</i> , <b>2018</b> , 71, 2405-2414	15.1	114
465	Prospective study of high-sensitivity C-reactive protein as a determinant of mortality: results from the MONICA/KORA Augsburg Cohort Study, 1984-1998. <i>Clinical Chemistry</i> , <b>2008</b> , 54, 335-42	5.5	113
464	Prognostic value of apolipoprotein B and A-I in the prediction of myocardial infarction in middle-aged men and women: results from the MONICA/KORA Augsburg cohort study. <i>European Heart Journal</i> , <b>2005</b> , 26, 271-8	9.5	110
463	Associations of adipokines with asthma, rhinoconjunctivitis, and eczema in German schoolchildren. <i>Pediatric Allergy and Immunology</i> , <b>2009</b> , 20, 81-8	4.2	109
462	Lipoprotein(a) and the risk of cardiovascular disease in the European population: results from the BiomarCaRE consortium. <i>European Heart Journal</i> , <b>2017</b> , 38, 2490-2498	9.5	108
461	Genome-wide meta-analysis uncovers novel loci influencing circulating leptin levels. <i>Nature Communications</i> , <b>2016</b> , 7, 10494	17.4	107
460	Multiethnic meta-analysis of genome-wide association studies in >100 000 subjects identifies 23 fibrinogen-associated Loci but no strong evidence of a causal association between circulating fibrinogen and cardiovascular disease. <i>Circulation</i> , <b>2013</b> , 128, 1310-24	16.7	107
459	Inflammatory Biomarkers Interleukin-6 and C-Reactive Protein and Outcomes in Stable Coronary Heart Disease: Experiences From the STABILITY (Stabilization of Atherosclerotic Plaque by Initiation of Darapladib Therapy) Trial. <i>Journal of the American Heart Association</i> , <b>2017</b> , 6,	6	105
458	Number needed to treat with rosuvastatin to prevent first cardiovascular events and death among men and women with low low-density lipoprotein cholesterol and elevated high-sensitivity C-reactive protein: justification for the use of statins in prevention: an intervention trial evaluating rosuvastatin (JUPITER). <i>Circulation: Cardiovascular Quality and Outcomes</i> , <b>2009</b> , 2, 616-23	5.8	104
457	Meta-analysis of Dense Genecentric Association Studies Reveals Common and Uncommon Variants Associated with Height. <i>American Journal of Human Genetics</i> , <b>2011</b> , 88, 6-18	11	103
456	Cardiovascular Risk Factors Associated With Venous Thromboembolism. <i>JAMA Cardiology</i> , <b>2019</b> , 4, 163-173	17.3	102

455	Physical Activity and Mortality in Patients With Stable Coronary Heart Disease. <i>Journal of the American College of Cardiology</i> , <b>2017</b> , 70, 1689-1700	15.1	101
454	Baseline characteristics of participants in the JUPITER trial, a randomized placebo-controlled primary prevention trial of statin therapy among individuals with low low-density lipoprotein cholesterol and elevated high-sensitivity C-reactive protein. <i>American Journal of Cardiology</i> , <b>2007</b> , 100, 1659-64	3	100
453	Differential expression of chemokines, risk of stable coronary heart disease, and correlation with established cardiovascular risk markers. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2006</b> , 26, 194-8	9.4	100
452	Genome-wide Association Studies Identify Genetic Loci Associated With Albuminuria in Diabetes. <i>Diabetes</i> , <b>2016</b> , 65, 803-17	0.9	96
451	Duffy antigen receptor for chemokines (Darc) polymorphism regulates circulating concentrations of monocyte chemoattractant protein-1 and other inflammatory mediators. <i>Blood</i> , <b>2010</b> , 115, 5289-99	2.2	96
450	Impact of Secukinumab on Endothelial Dysfunction and Other Cardiovascular Disease Parameters in Psoriasis Patients over 52 Weeks. <i>Journal of Investigative Dermatology</i> , <b>2019</b> , 139, 1054-1062	4.3	95
449	A genome-wide association study identifies three loci associated with mean platelet volume. <i>American Journal of Human Genetics</i> , <b>2009</b> , 84, 66-71	11	94
448	Genetic association study identifies HSPB7 as a risk gene for idiopathic dilated cardiomyopathy. <i>PLoS Genetics</i> , <b>2010</b> , 6, e1001167	6	93
447	Gender-specific prevalences of fatty liver in obese children and adolescents: roles of body fat distribution, sex steroids, and insulin resistance. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2009</b> , 94, 3872-81	5.6	93
446	Happy heart syndrome: role of positive emotional stress in takotsubo syndrome. <i>European Heart Journal</i> , <b>2016</b> , 37, 2823-2829	9.5	93
445	Chemokines and incident coronary heart disease: results from the MONICA/KORA Augsburg case-cohort study, 1984-2002. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2006</b> , 26, 2147-52	9.4	92
444	Secretory phospholipase A(2)-IIA and cardiovascular disease: a mendelian randomization study. <i>Journal of the American College of Cardiology</i> , <b>2013</b> , 62, 1966-1976	15.1	91
443	Association of ankle-brachial index and plaques in the carotid and femoral arteries with cardiovascular events and total mortality in a population-based study with 13 years of follow-up. <i>European Heart Journal</i> , <b>2006</b> , 27, 2580-7	9.5	90
442	Serum amyloid A: high-density lipoproteins interaction and cardiovascular risk. <i>European Heart Journal</i> , <b>2015</b> , 36, 3007-16	9.5	88
441	Associations between ambient air pollution and blood markers of inflammation and coagulation/fibrinolysis in susceptible populations. <i>Environment International</i> , <b>2014</b> , 70, 32-49	12.9	88
440	Development and validation of a ceramide- and phospholipid-based cardiovascular risk estimation score for coronary artery disease patients. <i>European Heart Journal</i> , <b>2020</b> , 41, 371-380	9.5	87
439	Systemic immune mediators and lifestyle changes in the prevention of type 2 diabetes: results from the Finnish Diabetes Prevention Study. <i>Diabetes</i> , <b>2006</b> , 55, 2340-6	0.9	87
438	Refinement of the association of serum C-reactive protein concentration and coronary heart disease risk by correction for within-subject variation over time: the MONICA Augsburg studies, 1984 and 1987. <i>American Journal of Epidemiology</i> , <b>2003</b> , 158, 357-64	3.8	87



437	Plasma concentrations of molecular lipid species in relation to coronary plaque characteristics and cardiovascular outcome: Results of the ATHEROREMO-IVUS study. <i>Atherosclerosis</i> , <b>2015</b> , 243, 560-6	3.1	86
436	CDC/AHA Workshop on Markers of Inflammation and Cardiovascular Disease: Application to Clinical and Public Health Practice: report from the clinical practice discussion group. <i>Circulation</i> , <b>2004</b> , 110, e550-3	16.7	86
435	Association Between Long-term Exposure to Air Pollution and Biomarkers Related to Insulin Resistance, Subclinical Inflammation, and Adipokines. <i>Diabetes</i> , <b>2016</b> , 65, 3314-3326	0.9	86
434	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). <i>Diabetes Care</i> , <b>2006</b> , 29, 368-71	14.6	85
433	Effect of Infusion of High-Density Lipoprotein Mimetic Containing Recombinant Apolipoprotein A-I Milano on Coronary Disease in Patients With an Acute Coronary Syndrome in the MILANO-PILOT Trial: A Randomized Clinical Trial. <i>JAMA Cardiology</i> , <b>2018</b> , 3, 806-814	16.2	84
432	Serum metabolite concentrations and decreased GFR in the general population. <i>American Journal of Kidney Diseases</i> , <b>2012</b> , 60, 197-206	7.4	84
431	Metabolites associate with kidney function decline and incident chronic kidney disease in the general population. <i>Nephrology Dialysis Transplantation</i> , <b>2013</b> , 28, 2131-8	4.3	84
430	Ambient source-specific particles are associated with prolonged repolarization and increased levels of inflammation in male coronary artery disease patients. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , <b>2007</b> , 621, 50-60	3.3	80
429	Meta-analysis of Dense Genecentric Association Studies Reveals Common and Uncommon Variants Associated with Height. <i>American Journal of Human Genetics</i> , <b>2012</b> , 90, 1116-1117	11	78
428	Association of novel genetic Loci with circulating fibrinogen levels: a genome-wide association study in 6 population-based cohorts. <i>Circulation: Cardiovascular Genetics</i> , <b>2009</b> , 2, 125-33		77
427	Symptoms of anxiety and depression in patients with stable coronary heart disease: prognostic value and consideration of pathogenetic links. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , <b>2007</b> , 14, 547-54		77
426	Eight genetic loci associated with variation in lipoprotein-associated phospholipase A2 mass and activity and coronary heart disease: meta-analysis of genome-wide association studies from five community-based studies. <i>European Heart Journal</i> , <b>2012</b> , 33, 238-51	9.5	75
425	Association between Lp-PLA2 and coronary artery disease: focus on its relationship with lipoproteins and markers of inflammation and hemostasis. <i>Atherosclerosis</i> , <b>2005</b> , 182, 181-8	3.1	75
424	Application of non-HDL cholesterol for population-based cardiovascular risk stratification: results from the Multinational Cardiovascular Risk Consortium. <i>Lancet, The</i> , <b>2019</b> , 394, 2173-2183	4.0	75
423	Subclinical inflammation and diabetic polyneuropathy: MONICA/KORA Survey F3 (Augsburg, Germany). <i>Diabetes Care</i> , <b>2009</b> , 32, 680-2	14.6	74
422	Air temperature and inflammatory responses in myocardial infarction survivors. <i>Epidemiology</i> , <b>2008</b> , 19, 391-400	3.1	73
421	Physical activity, coronary heart disease, and inflammatory response. <i>Archives of Internal Medicine</i> , <b>2003</b> , 163, 1200-5		71
420	Relations between lipoprotein(a) concentrations, LPA genetic variants, and the risk of mortality in patients with established coronary heart disease: a molecular and genetic association study. <i>Lancet Diabetes and Endocrinology</i> , <b>2017</b> , 5, 534-543	18.1	69

419	Association between cardiovascular risk profiles and the presence and extent of different types of coronary atherosclerotic plaque as detected by multidetector computed tomography. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2008</b> , 28, 568-74	9.4	69
418	Overweight, physical activity, tobacco and alcohol consumption in a cross-sectional random sample of German adults. <i>BMC Public Health</i> , <b>2006</b> , 6, 233	4.1	67
417	Immunological and cardiometabolic risk factors in the prediction of type 2 diabetes and coronary events: MONICA/KORA Augsburg case-cohort study. <i>PLoS ONE</i> , <b>2011</b> , 6, e19852	3.7	67
416	Lipoprotein (a) concentrations, apolipoprotein (a) phenotypes, and peripheral arterial disease in three independent cohorts. <i>Cardiovascular Research</i> , <b>2014</b> , 103, 28-36	9.9	66
415	Dense genotyping of candidate gene loci identifies variants associated with high-density lipoprotein cholesterol. <i>Circulation: Cardiovascular Genetics</i> , <b>2011</b> , 4, 145-55		66
414	Causal Effect of Plasminogen Activator Inhibitor Type 1 on Coronary Heart Disease. <i>Journal of the American Heart Association</i> , <b>2017</b> , 6,	6	65
413	Genome-wide association study for circulating levels of PAI-1 provides novel insights into its regulation. <i>Blood</i> , <b>2012</b> , 120, 4873-81	2.2	65
412	Genetic markers enhance coronary risk prediction in men: the MORGAM prospective cohorts. <i>PLoS ONE</i> , <b>2012</b> , 7, e40922	3.7	65
411	Plasma fibrin D-dimer levels and risk of stable coronary artery disease: results of a large case-control study. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2001</b> , 21, 1701-5	9.4	65
410	Cystatin C and Cardiovascular Disease: A Mendelian Randomization Study. <i>Journal of the American College of Cardiology</i> , <b>2016</b> , 68, 934-45	15.1	65
409	The selective peroxisome proliferator-activated receptor alpha modulator (SPPARM) paradigm: conceptual framework and therapeutic potential : A consensus statement from the International Atherosclerosis Society (IAS) and the Residual Risk Reduction Initiative (R3i) Foundation. <i>Cardiovascular Diabetology</i> , <b>2019</b> , 18, 71	8.7	64
408	Mediterranean diet and inflammatory response in myocardial infarction survivors. <i>International Journal of Epidemiology</i> , <b>2009</b> , 38, 856-66	7.8	64
407	BiomarCaRE: rationale and design of the European BiomarCaRE project including 300,000 participants from 13 European countries. <i>European Journal of Epidemiology</i> , <b>2014</b> , 29, 777-90	12.1	63
406	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> , <b>2017</b> , 37, 1222-1227	9.4	62
405	Growth Differentiation Factor 15 Predicts All-Cause Morbidity and Mortality in Stable Coronary Heart Disease. <i>Clinical Chemistry</i> , <b>2017</b> , 63, 325-333	5.5	62
404	Association of subclinical inflammation with polyneuropathy in the older population: KORA F4 study. <i>Diabetes Care</i> , <b>2013</b> , 36, 3663-70	14.6	62
403	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. <i>Diabetes Care</i> , <b>2011</b> , 34, 2320-2	14.6	61
402	Predicting risk and treatment benefit in atherosclerosis: the role of C-reactive protein. <i>International Journal of Cardiology</i> , <b>2005</b> , 98, 199-206	3.2	61

401	Air Pollution from Road Traffic and Systemic Inflammation in Adults: A Cross-Sectional Analysis in the European ESCAPE Project. <i>Environmental Health Perspectives</i> , <b>2015</b> , 123, 785-91	8.4	60
400	Oxidized LDL and the risk of coronary heart disease: results from the MONICA/KORA Augsburg Study. <i>Clinical Chemistry</i> , <b>2011</b> , 57, 1196-200	5.5	60
399	Leisure-time physical activity but not work-related physical activity is associated with decreased plasma viscosity. Results from a large population sample. <i>Circulation</i> , <b>1997</b> , 95, 335-41	16.7	60
398	Long-term effects of elemental composition of particulate matter on inflammatory blood markers in European cohorts. <i>Environment International</i> , <b>2015</b> , 82, 76-84	12.9	58
397	Biomarker-Based Risk Model to Predict Cardiovascular Mortality in Patients With Stable Coronary Disease. <i>Journal of the American College of Cardiology</i> , <b>2017</b> , 70, 813-826	15.1	58
396	Discovery and fine mapping of serum protein loci through transethnic meta-analysis. <i>American Journal of Human Genetics</i> , <b>2012</b> , 91, 744-53	11	58
395	Transforming growth factor-beta1 and incident type 2 diabetes: results from the MONICA/KORA case-cohort study, 1984-2002. <i>Diabetes Care</i> , <b>2009</b> , 32, 1921-3	14.6	57
394	Association between type II secretory phospholipase A2 plasma concentrations and activity and cardiovascular events in patients with coronary heart disease. <i>European Heart Journal</i> , <b>2009</b> , 30, 2742-8	9.5	57
393	The endotoxin receptor TLR4 polymorphism is not associated with diabetes or components of the metabolic syndrome. <i>Diabetes</i> , <b>2003</b> , 52, 2861-4	0.9	57
392	Asymmetric and symmetric dimethylarginine and risk of secondary cardiovascular disease events and mortality in patients with stable coronary heart disease: the KAROLA follow-up study. <i>Clinical Research in Cardiology</i> , <b>2013</b> , 102, 193-202	6.1	56
391	Immune mediators in patients with acute diabetic foot syndrome. <i>Diabetes Care</i> , <b>2009</b> , 32, 1491-6	14.6	56
390	Effect of Evolocumab on Coronary Plaque Composition. <i>Journal of the American College of Cardiology</i> , <b>2018</b> , 72, 2012-2021	15.1	56
389	Proinflammatory Cytokines Predict the Incidence and Progression of Distal Sensorimotor Polyneuropathy: KORA F4/FF4 Study. <i>Diabetes Care</i> , <b>2017</b> , 40, 569-576	14.6	55
388	Relationship of lipoprotein-associated phospholipase A <sub>2</sub> mass and activity with incident vascular events among primary prevention patients allocated to placebo or to statin therapy: an analysis from the JUPITER trial. <i>Clinical Chemistry</i> , <b>2012</b> , 58, 877-86	5.5	55
387	A meta-analysis of 120 246 individuals identifies 18 new loci for fibrinogen concentration. <i>Human Molecular Genetics</i> , <b>2016</b> , 25, 358-70	5.6	54
386	Low levels of serum 25-hydroxyvitamin D are associated with increased risk of myocardial infarction, especially in women: results from the MONICA/KORA Augsburg case-cohort study. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2013</b> , 98, 272-80	5.6	54
385	Effect of chronic kidney disease and comorbid conditions on health care costs: A 10-year observational study in a general population. <i>American Journal of Nephrology</i> , <b>2010</b> , 31, 222-9	4.6	54
384	Integration of genome-wide association studies with biological knowledge identifies six novel genes related to kidney function. <i>Human Molecular Genetics</i> , <b>2012</b> , 21, 5329-43	5.6	54

383	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. <i>Diabetes Care</i> , <b>2011</b> , 34, 1648-50	14.6	53
382	Fibrin(ogen) in cardiovascular disease: an update. <i>Thrombosis and Haemostasis</i> , <b>2003</b> , 89, 601-9	7	53
381	Effect of drinking on adiponectin in healthy men and women: a randomized intervention study of water, ethanol, red wine, and beer with or without alcohol. <i>Diabetes Care</i> , <b>2009</b> , 32, 1101-3	14.6	52
380	Equalization of four cardiovascular risk algorithms after systematic recalibration: individual-participant meta-analysis of 86 prospective studies. <i>European Heart Journal</i> , <b>2019</b> , 40, 621-631	9.5	52
379	Air pollution and atherosclerosis: a cross-sectional analysis of four European cohort studies in the ESCAPE study. <i>Environmental Health Perspectives</i> , <b>2015</b> , 123, 597-605	8.4	51
378	Age- and sex-specific causal effects of adiposity on cardiovascular risk factors. <i>Diabetes</i> , <b>2015</b> , 64, 1841-52	9	50
377	Leptin, adiponectin, their ratio and risk of Coronary Heart Disease: results from the MONICA/KORA Augsburg Study 1984-2002. <i>Atherosclerosis</i> , <b>2010</b> , 209, 220-5	3.1	50
376	Plasma cystatin C for prediction of 1-year cardiac events in Mediterranean patients with non-ST elevation acute coronary syndrome. <i>Atherosclerosis</i> , <b>2010</b> , 209, 300-5	3.1	50
375	Prevalence and cluster of cardiometabolic biomarkers in overweight and obese schoolchildren: results from a large survey in southwest Germany. <i>Clinical Chemistry</i> , <b>2008</b> , 54, 317-25	5.5	50
374	Meta-analysis of gene-level associations for rare variants based on single-variant statistics. <i>American Journal of Human Genetics</i> , <b>2013</b> , 93, 236-48	11	49
373	The cardio-metabolic risk of moderate and severe obesity in children and adolescents. <i>Journal of Pediatrics</i> , <b>2013</b> , 163, 137-42	3.6	49
372	Short-term effects of air pollution: a panel study of blood markers in patients with chronic pulmonary disease. <i>Particle and Fibre Toxicology</i> , <b>2009</b> , 6, 25	8.4	49
371	Subclinical and clinical hypothyroidism and non-alcoholic fatty liver disease: a cross-sectional study of a random population sample aged 18 to 65 years. <i>BMC Endocrine Disorders</i> , <b>2015</b> , 15, 41	3.3	48
370	Epidemiology of chronic kidney disease: results from a population of older adults in Germany. <i>Preventive Medicine</i> , <b>2009</b> , 48, 122-7	4.3	48
369	Evaluating bococizumab, a monoclonal antibody to PCSK9, on lipid levels and clinical events in broad patient groups with and without prior cardiovascular events: Rationale and design of the Studies of PCSK9 Inhibition and the Reduction of vascular Events (SPIRE) Lipid Lowering and SPIRE Cardiovascular Outcomes Trials. <i>American Heart Journal</i> , <b>2016</b> , 178, 135-44	4.9	48
368	Circulating Monocyte Chemoattractant Protein-1 and Risk of Stroke: Meta-Analysis of Population-Based Studies Involving 17 180 Individuals. <i>Circulation Research</i> , <b>2019</b> , 125, 773-782	15.7	47
367	Rosuvastatin for primary prevention among individuals with elevated high-sensitivity c-reactive protein and 5% to 10% and 10% to 20% 10-year risk. Implications of the Justification for Use of Statins in Prevention: an Intervention Trial Evaluating Rosuvastatin (JUPITER) trial for "intermediate risk". <i>Circulation: Cardiovascular Quality and Outcomes</i> , <b>2010</b> , 3, 447-52	5.8	47
366	Genetic predictors of fibrin D-dimer levels in healthy adults. <i>Circulation</i> , <b>2011</b> , 123, 1864-72	16.7	47

365	Association between different domains of physical activity and markers of inflammation. <i>Medicine and Science in Sports and Exercise</i> , <b>2009</b> , 41, 1706-13	1.2	47
364	Genome-wide association study identifies 3 genomic loci significantly associated with serum levels of homoarginine: the AtheroRemo Consortium. <i>Circulation: Cardiovascular Genetics</i> , <b>2013</b> , 6, 505-13		46
363	Copeptin does not add diagnostic information to high-sensitivity troponin T in low- to intermediate-risk patients with acute chest pain: results from the rule out myocardial infarction by computed tomography (ROMICAT) study. <i>Clinical Chemistry</i> , <b>2011</b> , 57, 1137-45	5.5	46
362	Prevalence of non-alcoholic fatty liver and characteristics in overweight adolescents in the general population. <i>European Journal of Epidemiology</i> , <b>2007</b> , 22, 889-97	12.1	46
361	Symmetric dimethylarginine, high-density lipoproteins and cardiovascular disease. <i>European Heart Journal</i> , <b>2017</b> , 38, 1597-1607	9.5	45
360	Rare and low-frequency variants and their association with plasma levels of fibrinogen, FVII, FVIII, and vWF. <i>Blood</i> , <b>2015</b> , 126, e19-29	2.2	45
359	Sfrp5 correlates with insulin resistance and oxidative stress. <i>European Journal of Clinical Investigation</i> , <b>2013</b> , 43, 350-7	4.6	45
358	Identification of vulnerable plaques and patients by intracoronary near-infrared spectroscopy and ultrasound (PROSPECT II): a prospective natural history study. <i>Lancet, The</i> , <b>2021</b> , 397, 985-995	4.0	45
357	Plasma concentrations of afamin are associated with the prevalence and development of metabolic syndrome. <i>Circulation: Cardiovascular Genetics</i> , <b>2014</b> , 7, 822-9		44
356	Cardiac troponin T measured by a high-sensitivity assay predicts recurrent cardiovascular events in stable coronary heart disease patients with 8-year follow-up. <i>Clinical Chemistry</i> , <b>2012</b> , 58, 1215-24	5.5	44
355	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> , <b>2008</b> , 200, 380-8	3.1	44
354	Genome-wide association meta-analyses and fine-mapping elucidate pathways influencing albuminuria. <i>Nature Communications</i> , <b>2019</b> , 10, 4130	17.4	43
353	Cardiac arrest in takotsubo syndrome: results from the InterTAK Registry. <i>European Heart Journal</i> , <b>2019</b> , 40, 2142-2151	9.5	42
352	Interleukin-6 Signaling Effects on Ischemic Stroke and Other Cardiovascular Outcomes: A Mendelian Randomization Study. <i>Circulation Genomic and Precision Medicine</i> , <b>2020</b> , 13, e002872	5.2	41
351	Comparison of N-terminal pro-B-natriuretic peptide, C-reactive protein, and creatinine clearance for prognosis in patients with known coronary heart disease. <i>Archives of Internal Medicine</i> , <b>2006</b> , 166, 2455-60		41
350	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> , <b>2019</b> , 42, 240-247	14.6	41
349	MASP1, THBS1, GPLD1 and ApoA-IV are novel biomarkers associated with prediabetes: the KORA F4 study. <i>Diabetologia</i> , <b>2016</b> , 59, 1882-92	10.3	40
348	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). <i>Diabetes Care</i> , <b>2006</b> , 29, 1626-31	14.6	40

347	Adaptive servo-ventilation for central sleep apnoea in systolic heart failure: results of the major substudy of SERVE-HF. <i>European Journal of Heart Failure</i> , <b>2018</b> , 20, 536-544	12.3	40
346	Outcomes Associated With Cardiogenic Shock in Takotsubo Syndrome. <i>Circulation</i> , <b>2019</b> , 139, 413-415	16.7	39
345	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> , <b>2015</b> , 173, 643-53	6.5	39
344	Common genetic polymorphisms and haplotypes of fibrinogen alpha, beta, and gamma chains affect fibrinogen levels and the response to proinflammatory stimulation in myocardial infarction survivors: the AIRGENE study. <i>Journal of the American College of Cardiology</i> , <b>2008</b> , 52, 941-52	15.1	39
343	Psoriasis and cardiometabolic traits: modest association but distinct genetic architectures. <i>Journal of Investigative Dermatology</i> , <b>2015</b> , 135, 1283-1293	4.3	38
342	Myeloperoxidase production by macrophage and risk of atherosclerosis. <i>Current Atherosclerosis Reports</i> , <b>2012</b> , 14, 277-83	6	38
341	Lipoprotein-associated and secretory phospholipase A2 in cardiovascular disease: the epidemiological evidence. <i>Cardiovascular Drugs and Therapy</i> , <b>2009</b> , 23, 85-92	3.9	38
340	Inverse associations between serum levels of secreted frizzled-related protein-5 (SFRP5) and multiple cardiometabolic risk factors: KORA F4 study. <i>Cardiovascular Diabetology</i> , <b>2017</b> , 16, 109	8.7	37
339	Seasonality of vitamin D status in older people in Southern Germany: implications for assessment. <i>Age and Ageing</i> , <b>2013</b> , 42, 404-8	3	37
338	Modification of the interleukin-6 response to air pollution by interleukin-6 and fibrinogen polymorphisms. <i>Environmental Health Perspectives</i> , <b>2009</b> , 117, 1373-9	8.4	37
337	Lipoprotein-Associated Phospholipase A2 Activity Is a Marker of Risk But Not a Useful Target for Treatment in Patients With Stable Coronary Heart Disease. <i>Journal of the American Heart Association</i> , <b>2016</b> , 5,	6	36
336	Clinical Features and Outcomes of Patients With Malignancy and Takotsubo Syndrome: Observations From the International Takotsubo Registry. <i>Journal of the American Heart Association</i> , <b>2019</b> , 8, e010881	6	36
335	Metabolite profiling reveals new insights into the regulation of serum urate in humans. <i>Metabolomics</i> , <b>2014</b> , 10, 141-151	4.7	36
334	Non-conventional markers of atherosclerosis before and after gastric banding surgery. <i>European Heart Journal</i> , <b>2009</b> , 30, 1516-24	9.5	36
333	Periodontal disease in patients with chronic coronary heart disease: Prevalence and association with cardiovascular risk factors. <i>European Journal of Preventive Cardiology</i> , <b>2015</b> , 22, 771-8	3.9	35
332	Lipoprotein-associated phospholipase A2 for early risk stratification in patients with suspected acute coronary syndrome: a multi-marker approach: the North Wuerttemberg and Berlin Infarction Study-II (NOBIS-II). <i>Clinical Research in Cardiology</i> , <b>2007</b> , 96, 604-12	6.1	35
331	Alcohol inflammation and coronary heart disease. <i>Addiction Biology</i> , <b>2003</b> , 8, 271-7	4.6	35
330	Lack of Seasonal Variation in C-Reactive Protein. <i>Clinical Chemistry</i> , <b>2002</b> , 48, 575-577	5.5	35

329	Prevalence of celiac disease in Germany: a prospective follow-up study. <i>World Journal of Gastroenterology</i> , <b>2013</b> , 19, 2612-20	5.6	35
328	Vulnerable plaques and patients: state-of-the-art. <i>European Heart Journal</i> , <b>2020</b> , 41, 2997-3004	9.5	34
327	Prospective association of vitamin D with frailty status and all-cause mortality in older adults: Results from the KORA-Age Study. <i>Preventive Medicine</i> , <b>2015</b> , 73, 40-6	4.3	34
326	Job strain associated CRP is mediated by leisure time physical activity: results from the MONICA/KORA study. <i>Brain, Behavior, and Immunity</i> , <b>2012</b> , 26, 1077-84	16.6	34
325	Short-term effects of air temperature on blood markers of coagulation and inflammation in potentially susceptible individuals. <i>Occupational and Environmental Medicine</i> , <b>2012</b> , 69, 670-8	2.1	34
324	Development of an optimized multimarker strategy for early risk assessment of patients with acute coronary syndromes. <i>Clinica Chimica Acta</i> , <b>2008</b> , 393, 103-9	6.2	34
323	Objectively Measured Walking Duration and Sedentary Behaviour and Four-Year Mortality in Older People. <i>PLoS ONE</i> , <b>2016</b> , 11, e0153779	3.7	34
322	Air temperature and inflammatory and coagulation responses in men with coronary or pulmonary disease during the winter season. <i>Occupational and Environmental Medicine</i> , <b>2010</b> , 67, 408-16	2.1	33
321	Air pollution and inflammatory response in myocardial infarction survivors: gene-environment interactions in a high-risk group. <i>Inhalation Toxicology</i> , <b>2007</b> , 19 Suppl 1, 161-75	2.7	33
320	Genotype and plasma concentration of cystatin C in patients with coronary heart disease and risk for secondary cardiovascular events. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2005</b> , 25, 1470-4	9.4	33
319	Single resting hsTnT level predicts abnormal myocardial stress test in acute chest pain patients with normal initial standard troponin. <i>JACC: Cardiovascular Imaging</i> , <b>2013</b> , 6, 72-82	8.4	32
318	Genetic determinants of circulating interleukin-1 receptor antagonist levels and their association with glycemic traits. <i>Diabetes</i> , <b>2014</b> , 63, 4343-59	0.9	32
317	Impact of PCSK9 inhibition on coronary atheroma progression: Rationale and design of Global Assessment of Plaque Regression with a PCSK9 Antibody as Measured by Intravascular Ultrasound (GLAGOV). <i>American Heart Journal</i> , <b>2016</b> , 176, 83-92	4.9	32
316	CRP in cardiovascular disease. <i>Herz</i> , <b>2009</b> , 34, 607-13	2.6	31
315	RANTES/CCL5 and risk for coronary events: results from the MONICA/KORA Augsburg case-cohort, Athero-Express and CARDIOGRAM studies. <i>PLoS ONE</i> , <b>2011</b> , 6, e25734	3.7	31
314	Pooled Patient-Level Analysis of Inclisiran Trials in Patients With Familial Hypercholesterolemia or Atherosclerosis. <i>Journal of the American College of Cardiology</i> , <b>2021</b> , 77, 1182-1193	15.1	31
313	Delivery Mode, Duration of Labor, and Cord Blood Adiponectin, Leptin, and C-Reactive Protein: Results of the Population-Based Ulm Birth Cohort Studies. <i>PLoS ONE</i> , <b>2016</b> , 11, e0149918	3.7	31
312	2021 ESC Guidelines on cardiovascular disease prevention in clinical practice. <i>European Journal of Preventive Cardiology</i> , <b>2021</b> ,	3.9	31

311	Association of Abnormal Serum Potassium Levels with Arrhythmias and Cardiovascular Mortality: a Systematic Review and Meta-Analysis of Observational Studies. <i>Cardiovascular Drugs and Therapy</i> , <b>2018</b> , 32, 197-212	3.9	30
310	Recommendations for detection of individual risk for comorbidities in patients with psoriasis. <i>Archives of Dermatological Research</i> , <b>2013</b> , 305, 91-8	3.3	30
309	C-reactive protein and cholesterol are equally strong predictors of cardiovascular risk and both are important for quality clinical care. <i>European Heart Journal</i> , <b>2013</b> , 34, 1258-61	9.5	30
308	DNA variants, plasma levels and variability of C-reactive protein in myocardial infarction survivors: results from the AIRGENE study. <i>European Heart Journal</i> , <b>2008</b> , 29, 1250-8	9.5	30
307	Sex-specific associations of established and emerging cardiac biomarkers with all-cause mortality in older adults: the ActiFE study. <i>Clinical Chemistry</i> , <b>2015</b> , 61, 389-99	5.5	29
306	Differential association between biomarkers of subclinical inflammation and painful polyneuropathy: results from the KORA F4 study. <i>Diabetes Care</i> , <b>2015</b> , 38, 91-6	14.6	29
305	Vasoregulatory peptides pro-endothelin-1 and pro-adrenomedullin are associated with metabolic syndrome in the population-based KORA F4 study. <i>European Journal of Endocrinology</i> , <b>2012</b> , 167, 847-53	6.5	29
304	Fibrinogen genes modify the fibrinogen response to ambient particulate matter. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2009</b> , 179, 484-91	10.2	29
303	Drinking modulates monocyte migration in healthy subjects: a randomised intervention study of water, ethanol, red wine and beer with or without alcohol. <i>Diabetes and Vascular Disease Research</i> , <b>2008</b> , 5, 48-53	3.3	29
302	Associations between blood glucose and carotid intima-media thickness disappear after adjustment for shared risk factors: the KORA F4 study. <i>PLoS ONE</i> , <b>2012</b> , 7, e52590	3.7	29
301	Predictive value of targeted proteomics for coronary plaque morphology in patients with suspected coronary artery disease. <i>EBioMedicine</i> , <b>2019</b> , 39, 109-117	8.8	29
300	Alcohol consumption, cardiac biomarkers, and risk of atrial fibrillation and adverse outcomes. <i>European Heart Journal</i> , <b>2021</b> , 42, 1170-1177	9.5	29
299	Tooth loss is independently associated with poor outcomes in stable coronary heart disease. <i>European Journal of Preventive Cardiology</i> , <b>2016</b> , 23, 839-46	3.9	28
298	A Systemic Inflammatory Signature Reflecting Cross Talk Between Innate and Adaptive Immunity Is Associated With Incident Polyneuropathy: KORA F4/FF4 Study. <i>Diabetes</i> , <b>2018</b> , 67, 2434-2442	0.9	28
297	Adipokines, C-reactive protein and Amyotrophic Lateral Sclerosis - results from a population-based ALS registry in Germany. <i>Scientific Reports</i> , <b>2017</b> , 7, 4374	4.9	28
296	Prevalence and determinants of chronic kidney disease in community-dwelling elderly by various estimating equations. <i>BMC Public Health</i> , <b>2012</b> , 12, 343	4.1	28
295	A variant in the ABO gene explains the variation in soluble E-selectin levels-results from dense genotyping in two independent populations. <i>PLoS ONE</i> , <b>2012</b> , 7, e51441	3.7	28
294	Job strain-associated inflammatory burden and long-term risk of coronary events: findings from the MONICA/KORA Augsburg case-cohort study. <i>Psychosomatic Medicine</i> , <b>2013</b> , 75, 317-25	3.7	28



293	Markers of inflammation and weight change in middle-aged adults: results from the prospective MONICA/KORA S3/F3 study. <i>Obesity</i> , <b>2010</b> , 18, 2347-53	8	28
292	RANTES/CCL5 gene polymorphisms, serum concentrations, and incident type 2 diabetes: results from the MONICA/KORA Augsburg case-cohort study, 1984-2002. <i>European Journal of Endocrinology</i> , <b>2008</b> , 158, R1-5	6.5	28
291	Determination of C-reactive protein: comparison of three high-sensitivity immunoassays. <i>Clinical Chemistry</i> , <b>2003</b> , 49, 1691-5	5.5	28
290	Improvement of myocardial infarction risk prediction via inflammation-associated metabolite biomarkers. <i>Heart</i> , <b>2017</b> , 103, 1278-1285	5.1	27
289	Association of subclinical inflammation with deterioration of glycaemia before the diagnosis of type 2 diabetes: the KORA S4/F4 study. <i>Diabetologia</i> , <b>2015</b> , 58, 2269-77	10.3	27
288	Plasma copeptin is associated with type 2 diabetes in men but not in women in the population-based KORA F4 study. <i>Acta Diabetologica</i> , <b>2015</b> , 52, 103-12	3.9	27
287	Common variants in Mendelian kidney disease genes and their association with renal function. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2013</b> , 24, 2105-17	12.7	27
286	Acute-phase serum amyloid A protein and its implication in the development of type 2 diabetes in the KORA S4/F4 study. <i>Diabetes Care</i> , <b>2013</b> , 36, 1321-6	14.6	27
285	Rosuvastatin for primary prevention in patients with European systematic coronary risk evaluation risk $\geq 5\%$ or Framingham risk $>20\%$ : post hoc analyses of the JUPITER trial requested by European health authorities. <i>European Heart Journal</i> , <b>2011</b> , 32, 75-83	9.5	27
284	Environmental tobacco smoke and cardiometabolic risk in young children: results from a survey in south-west Germany. <i>European Heart Journal</i> , <b>2009</b> , 30, 1885-93	9.5	27
283	Low-density lipoprotein particle diameter and mortality: the Ludwigshafen Risk and Cardiovascular Health Study. <i>European Heart Journal</i> , <b>2015</b> , 36, 31-8	9.5	26
282	Association of objectively measured physical activity with established and novel cardiovascular biomarkers in elderly subjects: every step counts. <i>Journal of Epidemiology and Community Health</i> , <b>2013</b> , 67, 194-7	5.1	26
281	Association between variations in the TLR4 gene and incident type 2 diabetes is modified by the ratio of total cholesterol to HDL-cholesterol. <i>BMC Medical Genetics</i> , <b>2008</b> , 9, 9	2.1	26
280	Aspirin (5 mmol/L) inhibits leukocyte attack and triggered reactive cell proliferation in a 3D human coronary in vitro model. <i>Circulation</i> , <b>2001</b> , 103, 1688-94	16.7	26
279	Improved cardiovascular risk prediction using targeted plasma proteomics in primary prevention. <i>European Heart Journal</i> , <b>2020</b> , 41, 3998-4007	9.5	26
278	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> , <b>2019</b> , 34, 409-422	12.1	26
277	Gestational Weight Gain and Fetal-Maternal Adiponectin, Leptin, and CRP: results of two birth cohorts studies. <i>Scientific Reports</i> , <b>2017</b> , 7, 41847	4.9	25
276	Cholesterol-Lowering Agents. <i>Circulation Research</i> , <b>2019</b> , 124, 364-385	15.7	25

275	Atherosclerosis: Recent trials, new targets and future directions. <i>International Journal of Cardiology</i> , <b>2015</b> , 192, 72-81	3.2	25
274	Large multiethnic Candidate Gene Study for C-reactive protein levels: identification of a novel association at CD36 in African Americans. <i>Human Genetics</i> , <b>2014</b> , 133, 985-95	6.3	25
273	Relationship of thoracic fat depots with coronary atherosclerosis and circulating inflammatory biomarkers. <i>Obesity</i> , <b>2015</b> , 23, 1178-84	8	25
272	The effect of alcohol, tobacco and caffeine consumption and vegetarian diet on gallstone prevalence. <i>European Journal of Gastroenterology and Hepatology</i> , <b>2010</b> , 22, 1345-51	2.2	25
271	Acute-phase reactants and coronary heart disease. <i>Seminars in Vascular Medicine</i> , <b>2002</b> , 2, 417-28		25
270	C-reactive protein (CRP) and long-term air pollution with a focus on ultrafine particles. <i>International Journal of Hygiene and Environmental Health</i> , <b>2018</b> , 221, 510-518	6.9	24
269	Anxiety Associated Increased CpG Methylation in the Promoter of Asb1: A Translational Approach Evidenced by Epidemiological and Clinical Studies and a Murine Model. <i>Neuropsychopharmacology</i> , <b>2018</b> , 43, 342-353	8.7	24
268	Prevalence and Predictors of Subclinical Micronutrient Deficiency in German Older Adults: Results from the Population-Based KORA-Age Study. <i>Nutrients</i> , <b>2017</b> , 9,	6.7	24
267	Risk stratification in cardiovascular disease primary prevention - scoring systems, novel markers, and imaging techniques. <i>Fundamental and Clinical Pharmacology</i> , <b>2012</b> , 26, 163-74	3.1	24
266	Intraventricular Thrombus Formation and Embolism in Takotsubo Syndrome: Insights From the International Takotsubo Registry. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2020</b> , 40, 279-287	9.4	24
265	Leptin, adiponectin, and short-term and long-term weight loss after a lifestyle intervention in obese children. <i>Nutrition</i> , <b>2013</b> , 29, 851-7	4.8	23
264	Air pollution and liver enzymes. <i>Epidemiology</i> , <b>2013</b> , 24, 934-5	3.1	23
263	The effect of marine n-3 fatty acids in different doses on plasma concentrations of Lp-PLA2 in healthy adults. <i>European Journal of Nutrition</i> , <b>2009</b> , 48, 1-5	5.2	23
262	Differential associations between blood biomarkers of inflammation, oxidation, and lipid metabolism with varying forms of coronary atherosclerotic plaque as quantified by coronary CT angiography. <i>International Journal of Cardiovascular Imaging</i> , <b>2012</b> , 28, 183-92	2.5	22
261	Growth Differentiation Factor 15, Its 12-Month Relative Change, and Risk of Cardiovascular Events and Total Mortality in Patients with Stable Coronary Heart Disease: 10-Year Follow-up of the KAROLA Study. <i>Clinical Chemistry</i> , <b>2016</b> , 62, 982-92	5.5	22
260	Improved preservation of residual beta cell function by atorvastatin in patients with recent onset type 1 diabetes and high CRP levels (DIATOR trial). <i>PLoS ONE</i> , <b>2012</b> , 7, e33108	3.7	21
259	Association of novel metrics of particulate matter with vascular markers of inflammation and coagulation in susceptible populations -results from a panel study. <i>Environmental Research</i> , <b>2016</b> , 150, 337-347	7.9	21
258	Assessment of cardiovascular risk of new drugs for the treatment of diabetes mellitus: risk assessment vs. risk aversion. <i>European Heart Journal - Cardiovascular Pharmacotherapy</i> , <b>2016</b> , 2, 200-5	6.4	21

257	Prediction of Residual Risk by Ceramide-Phospholipid Score in Patients With Stable Coronary Heart Disease on Optimal Medical Therapy. <i>Journal of the American Heart Association</i> , <b>2020</b> , 9, e015258	6	20
256	Coexistence and outcome of coronary artery disease in Takotsubo syndrome. <i>European Heart Journal</i> , <b>2020</b> , 41, 3255-3268	9.5	20
255	Association between dietary inflammatory index, and cause-specific mortality in the MONICA/KORA Augsburg Cohort Study. <i>European Journal of Public Health</i> , <b>2018</b> , 28, 167-172	2.1	20
254	Genome-wide association study pinpoints a new functional apolipoprotein B variant influencing oxidized low-density lipoprotein levels but not cardiovascular events: AtheroRemo Consortium. <i>Circulation: Cardiovascular Genetics</i> , <b>2013</b> , 6, 73-81		20
253	Genome-wide association study identifies two novel regions at 11p15.5-p13 and 1p31 with major impact on acute-phase serum amyloid A. <i>PLoS Genetics</i> , <b>2010</b> , 6, e1001213	6	20
252	Prognostic value of chronic kidney disease in patients with coronary heart disease: role of estimating equations. <i>Atherosclerosis</i> , <b>2010</b> , 211, 342-7	3.1	20
251	Effect of blood glucose concentrations on admission in non-diabetic versus diabetic patients with first acute myocardial infarction on short- and long-term mortality (From the MONICA/KORA Augsburg Myocardial Infarction Registry). <i>American Journal of Cardiology</i> , <b>2009</b> , 104, 1607-12	3	20
250	Lipoprotein-associated phospholipase A2 concentrations in plasma are associated with the extent of coronary artery disease and correlate to adipose tissue levels of marine n-3 fatty acids. <i>Atherosclerosis</i> , <b>2008</b> , 196, 420-424	3.1	20
249	Variability of serial lipoprotein-associated phospholipase A2 measurements in post myocardial infarction patients: results from the AIRGENE Study Center Augsburg. <i>Clinical Chemistry</i> , <b>2008</b> , 54, 124-30	5.5	20
248	Genetically determined NLRP3 inflammasome activation associates with systemic inflammation and cardiovascular mortality. <i>European Heart Journal</i> , <b>2021</b> , 42, 1742-1756	9.5	20
247	Strategies for vascular disease prevention: the role of lipids and related markers including apolipoproteins, low-density lipoproteins (LDL)-particle size, high sensitivity C-reactive protein (hs-CRP), lipoprotein-associated phospholipase A2 (Lp-PLA <sub>2</sub> ) and lipoprotein(a) (Lp(a)). <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , <b>2014</b> , 28, 381-94	6.5	19
246	Multi-marker strategy of natriuretic peptide with either conventional or high-sensitivity troponin-T for acute coronary syndrome diagnosis in emergency department patients with chest pain: from the "Rule Out Myocardial Infarction using Computer Assisted Tomography" (ROMICAT) trial. <i>International Journal of Cardiology</i> , <b>2013</b> , 152, 678-684	4.9	19
245	The Geriatric Nutritional Risk Index predicts increased healthcare costs and hospitalization in a cohort of community-dwelling older adults: results from the MONICA/KORA Augsburg cohort study, 1994-2005. <i>Nutrition</i> , <b>2011</b> , 27, 534-42	4.8	19
244	Reproducibility in serial C-reactive protein and interleukin-6 measurements in post-myocardial infarction patients: results from the AIRGENE study. <i>Clinical Chemistry</i> , <b>2010</b> , 56, 861-4	5.5	19
243	Comparison of plasma fibrinogen by Clauss, prothrombin time-derived, and immunonephelometric assays in a general population: implications for risk stratification by thirds of fibrinogen. <i>Blood Coagulation and Fibrinolysis</i> , <b>2003</b> , 14, 197-201	1	19
242	Relationship between inflammatory cytokines and uric acid levels with adverse cardiovascular outcomes in patients with stable coronary heart disease. <i>PLoS ONE</i> , <b>2012</b> , 7, e45907	3.7	19
241	Association of growth differentiation factor 15 with other key biomarkers, functional parameters and mortality in community-dwelling older adults. <i>Age and Ageing</i> , <b>2019</b> , 48, 541-546	3	18
240	Molecular Characterization of the NLRC4 Expression in Relation to Interleukin-18 Levels. <i>Circulation: Cardiovascular Genetics</i> , <b>2015</b> , 8, 717-26		18

239	Cost-effectiveness of low-dose colchicine after myocardial infarction in the Colchicine Cardiovascular Outcomes Trial (COLCOT). <i>European Heart Journal Quality of Care &amp; Clinical Outcomes</i> , <b>2021</b> , 7, 486-495	4.6	18
238	Association of Serum Retinol-Binding Protein 4 Concentration With Risk for and Prognosis of Amyotrophic Lateral Sclerosis. <i>JAMA Neurology</i> , <b>2018</b> , 75, 600-607	17.2	18
237	Association of adiponectin and leptin with relative telomere length in seven independent cohorts including 11,448 participants. <i>European Journal of Epidemiology</i> , <b>2014</b> , 29, 629-38	12.1	18
236	Coffee consumption and NAFLD: a community based study on 1223 subjects. <i>BMC Research Notes</i> , <b>2015</b> , 8, 640	2.3	18
235	Associations between thyroid hormones and serum metabolite profiles in an euthyroid population. <i>Metabolomics</i> , <b>2014</b> , 10, 152-164	4.7	18
234	Genome-wide and gene-centric analyses of circulating myeloperoxidase levels in the charge and care consortia. <i>Human Molecular Genetics</i> , <b>2013</b> , 22, 3381-93	5.6	18
233	Update on integrated biomarkers for assessment of long-term risk of cardiovascular complications in initially healthy subjects and patients with manifest atherosclerosis. <i>Annals of Medicine</i> , <b>2009</b> , 41, 332-43	1.5	18
232	Relation of genetic profile and novel circulating biomarkers with coronary plaque phenotype as determined by intravascular ultrasound: rationale and design of the ATHEROREMO-IVUS study. <i>EuroIntervention</i> , <b>2014</b> , 10, 953-60	3.1	18
231	Age-Related Variations in Takotsubo Syndrome. <i>Journal of the American College of Cardiology</i> , <b>2020</b> , 75, 1869-1877	15.1	17
230	Serum levels of interleukin-22, cardiometabolic risk factors and incident type 2 diabetes: KORA F4/FF4 study. <i>Cardiovascular Diabetology</i> , <b>2017</b> , 16, 17	8.7	17
229	How to use C-reactive protein in acute coronary care. <i>European Heart Journal</i> , <b>2013</b> , 34, 3687-90	9.5	17
228	Residual beta cell function in newly diagnosed type 1 diabetes after treatment with atorvastatin: the Randomized DIATOR Trial. <i>PLoS ONE</i> , <b>2011</b> , 6, e17554	3.7	17
227	Determinants of the acute-phase protein C-reactive protein in myocardial infarction survivors: the role of comorbidities and environmental factors. <i>Clinical Chemistry</i> , <b>2009</b> , 55, 322-35	5.5	17
226	Intervention study shows outpatient cardiac rehabilitation to be economically at least as attractive as inpatient rehabilitation. <i>Clinical Research in Cardiology</i> , <b>2009</b> , 98, 787-95	6.1	17
225	Vitamin C supplement use may protect against gallstones: an observational study on a randomly selected population. <i>BMC Gastroenterology</i> , <b>2009</b> , 9, 74	3	17
224	Genetic variation in Fc gamma receptor IIa and risk of coronary heart disease: negative results from two large independent populations. <i>BMC Medical Genetics</i> , <b>2009</b> , 10, 46	2.1	17
223	DNA variants, plasma levels and variability of interleukin-6 in myocardial infarction survivors: results from the AIRGENE study. <i>Thrombosis Research</i> , <b>2009</b> , 124, 57-64	8.2	17
222	Interactions of neutrophils with silver-coated vascular polyester grafts. <i>Langenbeck's Archives of Surgery</i> , <b>2010</b> , 395, 143-9	3.4	17

221	C-reactive protein risk prediction: low specificity, high sensitivity. <i>Annals of Internal Medicine</i> , <b>2002</b> , 136, 550-2	8	17
220	Recalibration of the ACC/AHA Risk Score in Two Population-Based German Cohorts. <i>PLoS ONE</i> , <b>2016</b> , 11, e0164688	3.7	17
219	High-Density Lipoprotein Subclasses, Coronary Artery Disease, and Cardiovascular Mortality. <i>Clinical Chemistry</i> , <b>2017</b> , 63, 1886-1896	5.5	16
218	Prognostic Utility of Galectin-3 for Recurrent Cardiovascular Events During Long-term Follow-up in Patients with Stable Coronary Heart Disease: Results of the KAROLA Study. <i>Clinical Chemistry</i> , <b>2016</b> , 62, 1372-9	5.5	16
217	Serum Vitamin D Concentrations and Cognitive Function in a Population-Based Study among Older Adults in South Germany. <i>Journal of Alzheimer's Disease</i> , <b>2015</b> , 45, 1119-26	4.3	16
216	Pregnancy is not a risk factor for gallstone disease: results of a randomly selected population sample. <i>World Journal of Gastroenterology</i> , <b>2005</b> , 11, 6800-6	5.6	16
215	Impact of aspirin on takotsubo syndrome: a propensity score-based analysis of the InterTAK Registry. <i>European Journal of Heart Failure</i> , <b>2020</b> , 22, 330-337	12.3	16
214	Has the time finally come to measure hsCRP universally in primary and secondary cardiovascular prevention?. <i>European Heart Journal</i> , <b>2018</b> , 39, 4109-4111	9.5	16
213	Myeloperoxidase, superoxide dismutase-3, cardiometabolic risk factors, and distal sensorimotor polyneuropathy: The KORA F4/FF4 study. <i>Diabetes/Metabolism Research and Reviews</i> , <b>2018</b> , 34, e3000	7.5	15
212	Clinical Predictors and Prognostic Impact of Recovery of Wall Motion Abnormalities in Takotsubo Syndrome: Results From the International Takotsubo Registry. <i>Journal of the American Heart Association</i> , <b>2019</b> , 8, e011194	6	15
211	Associations between tooth loss and prognostic biomarkers and the risk for cardiovascular events in patients with stable coronary heart disease. <i>International Journal of Cardiology</i> , <b>2017</b> , 245, 271-276	3.2	15
210	Correlation of concentrations of high-sensitivity troponin T and high-sensitivity C-reactive protein with plaque progression as measured by CT coronary angiography. <i>Journal of Cardiovascular Computed Tomography</i> , <b>2014</b> , 8, 452-8	2.8	15
209	Reduction of monocyte chemoattractant protein 1 and macrophage migration inhibitory factor by a polyphenol-rich extract in subjects with clustered cardiometabolic risk factors. <i>British Journal of Nutrition</i> , <b>2011</b> , 106, 1416-22	3.6	15
208	Predicting the risk of cardiovascular disease: where does lipoprotein-associated phospholipase A(2) fit in?. <i>Molecular Diagnosis and Therapy</i> , <b>2007</b> , 11, 203-17	4.5	15
207	Inflammation Revisited: Atherosclerosis in The Post-CANTOS Era. <i>European Cardiology Review</i> , <b>2017</b> , 12, 89-91	3.9	15
206	Deciphering the Plasma Proteome of Type 2 Diabetes. <i>Diabetes</i> , <b>2020</b> , 69, 2766-2778	0.9	15
205	Increased Plasma Concentrations of Soluble ST2 Independently Predict Mortality but not Cardiovascular Events in Stable Coronary Heart Disease Patients: 13-Year Follow-up of the KAROLA Study. <i>Cardiovascular Drugs and Therapy</i> , <b>2017</b> , 31, 167-177	3.9	14
204	Biomarker-defined pathways for incident type 2 diabetes and coronary heart disease-a comparison in the MONICA/KORA study. <i>Cardiovascular Diabetology</i> , <b>2020</b> , 19, 32	8.7	14

203	New AHA and ACC guidelines on the treatment of blood cholesterol to reduce atherosclerotic cardiovascular risk. <i>Wiener Klinische Wochenschrift</i> , <b>2014</b> , 126, 169-75	2.3	14
202	Association of adiponectin with hepatic steatosis: a study of 1,349 subjects in a random population sample. <i>BMC Research Notes</i> , <b>2014</b> , 7, 207	2.3	14
201	High-Sensitivity Cardiac Troponin I as a Gatekeeper for Coronary Computed Tomography Angiography and Stress Testing in Patients with Acute Chest Pain. <i>Clinical Chemistry</i> , <b>2017</b> , 63, 1724-1733	5.5	14
200	Association of apolipoproteins with symptoms of asthma and atopy among schoolchildren. <i>International Archives of Allergy and Immunology</i> , <b>2009</b> , 149, 259-66	3.7	14
199	Ambient air pollution and lipoprotein-associated phospholipase A <sub>2</sub> in survivors of myocardial infarction. <i>Environmental Health Perspectives</i> , <b>2011</b> , 119, 921-6	8.4	14
198	Impact of pioglitazone on coronary endothelial function in non-diabetic patients with coronary artery disease. <i>Clinical Research in Cardiology</i> , <b>2008</b> , 97, 726-33	6.1	14
197	Type II secretory phospholipase A <sub>2</sub> and prognosis in patients with stable coronary heart disease: mendelian randomization study. <i>PLoS ONE</i> , <b>2011</b> , 6, e22318	3.7	14
196	Plasma proteins associated with cardiovascular death in patients with chronic coronary heart disease: A retrospective study. <i>PLoS Medicine</i> , <b>2021</b> , 18, e1003513	11.6	14
195	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. <i>British Journal of Nutrition</i> , <b>2015</b> , 113, 1782-91	3.6	13
194	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> , <b>2018</b> , 178, 389-398	6.5	13
193	Reproductive factors, intima media thickness and carotid plaques in a cross-sectional study of postmenopausal women enrolled in the population-based KORA F4 study. <i>BMC Women's Health</i> , <b>2014</b> , 14, 17	2.9	13
192	Plasma insulin levels in childhood are related to maternal factors--results of the Ulm Birth Cohort Study. <i>Pediatric Diabetes</i> , <b>2014</b> , 15, 453-63	3.6	13
191	Association between anemia and falls in community-dwelling older people: cross-sectional results from the KORA-Age study. <i>BMC Geriatrics</i> , <b>2014</b> , 14, 29	4.1	13
190	No evidence for an association of posttraumatic stress disorder with circulating levels of CRP and IL-18 in a population-based study. <i>Cytokine</i> , <b>2013</b> , 63, 201-8	4	13
189	Objectively measured physical activity and vitamin D status in older people from Germany. <i>Journal of Epidemiology and Community Health</i> , <b>2015</b> , 69, 388-92	5.1	13
188	Long-term prognostic value of IgM antibodies against phosphorylcholine for adverse cardiovascular events in patients with stable coronary heart disease. <i>Atherosclerosis</i> , <b>2015</b> , 243, 414-20	3.1	13
187	High-sensitivity cardiac troponin T and N-terminal pro-B-type natriuretic peptide predict mortality in stable coronary artery disease: results from the Ludwigshafen Risk and Cardiovascular Health (LURIC) study. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2013</b> , 51, 2019-28	5.9	13
186	Relation of natriuretic peptides and midregional proadrenomedullin to cardiac chamber volumes by computed tomography in patients without heart failure: from the ROMICAT Trial. <i>Clinical Chemistry</i> , <b>2010</b> , 56, 651-60	5.5	13

185	Midregional-proAtrial Natriuretic Peptide and High Sensitive Troponin T Strongly Predict Adverse Outcome in Patients Undergoing Percutaneous Repair of Mitral Valve Regurgitation. <i>PLoS ONE</i> , <b>2015</b> , 10, e0137464	3.7	13
184	Association Between Achieved $\beta$ Fatty Acid Levels and Major Adverse Cardiovascular Outcomes in Patients With High Cardiovascular Risk: A Secondary Analysis of the STRENGTH Trial. <i>JAMA Cardiology</i> , <b>2021</b> ,	16.2	13
183	Iron Metabolism, Hcpidin, and Mortality (the Ludwigshafen Risk and Cardiovascular Health Study). <i>Clinical Chemistry</i> , <b>2019</b> , 65, 849-861	5.5	12
182	Associations between calcium and vitamin D supplement use as well as their serum concentrations and subclinical cardiovascular disease phenotypes. <i>Atherosclerosis</i> , <b>2015</b> , 241, 743-51	3.1	12
181	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> , <b>2019</b> , 4, 1270-1279	16.2	12
180	Presence and extent of coronary artery disease by cardiac computed tomography and risk for acute coronary syndrome in cocaine users among patients with chest pain. <i>American Journal of Cardiology</i> , <b>2009</b> , 103, 620-5	3	12
179	Clinical imaging for prevention: directed strategies for improved detection of presymptomatic patients with undetected atherosclerosis--Part I: Clinical imaging for prevention. <i>Journal of Nuclear Cardiology</i> , <b>2008</b> , 15, e6-19	2.1	12
178	Plasma viscosity and fibrinogen in relation to haemodynamic findings in chronic congestive heart failure. <i>European Journal of Heart Failure</i> , <b>1999</b> , 1, 293-5	12.3	12
177	Renal Function and Urinary Biomarkers in Cardiac Bypass Surgery: A Prospective Randomized Trial Comparing Three Surgical Techniques. <i>Thoracic and Cardiovascular Surgeon</i> , <b>2016</b> , 64, 561-568	1.6	12
176	Mendelian randomization evaluation of causal effects of fibrinogen on incident coronary heart disease. <i>PLoS ONE</i> , <b>2019</b> , 14, e0216222	3.7	11
175	DNA methylation age is associated with an altered hemostatic profile in a multiethnic meta-analysis. <i>Blood</i> , <b>2018</b> , 132, 1842-1850	2.2	11
174	Prognostic value of one-year course of symptoms of anxiety and depression in patients with coronary heart disease: Role of physical activity and unmet medical need. <i>European Journal of Preventive Cardiology</i> , <b>2015</b> , 22, 1129-38	3.9	11
173	Direct comparisons of three alternative plasma fibrinogen assays with the von Clauss assay in prediction of cardiovascular disease and all-causes mortality: the Scottish Heart Health Extended Cohort. <i>British Journal of Haematology</i> , <b>2013</b> , 162, 392-9	4.5	11
172	Myocardial infarction and incidence of type 2 diabetes mellitus. Is admission blood glucose an independent predictor for future type 2 diabetes mellitus?. <i>American Heart Journal</i> , <b>2010</b> , 159, 258-63	4.9	11
171	The genetic variation of the tenomodulin gene (TNMD) is associated with serum levels of systemic immune mediators--the Finnish Diabetes Prevention Study. <i>Genetics in Medicine</i> , <b>2008</b> , 10, 536-44	8.1	11
170	Activation of the Autonomic Nervous System and Blood Coagulation in Association with an Air Pollution Episode. <i>Inhalation Toxicology</i> , <b>2000</b> , 12 Suppl 2, 51-61	2.7	11
169	Association of glycemic status and segmental left ventricular wall thickness in subjects without prior cardiovascular disease: a cross-sectional study. <i>BMC Cardiovascular Disorders</i> , <b>2018</b> , 18, 162	2.3	11
168	Association Between Visfatin and Hepatic Steatosis in the General Population During Long-Term Follow-Up. <i>Hormone and Metabolic Research</i> , <b>2019</b> , 51, 602-607	3.1	10

167	Study design of Dal-GenE, a pharmacogenetic trial targeting reduction of cardiovascular events with dalcetrapib. <i>American Heart Journal</i> , <b>2020</b> , 222, 157-165	4.9	10
166	Association of Insulin-like Growth Factor 1 Concentrations with Risk for and Prognosis of Amyotrophic Lateral Sclerosis - Results from the ALS Registry Swabia. <i>Scientific Reports</i> , <b>2020</b> , 10, 736	4.9	10
165	Rapid effect of single-dose rosiglitazone treatment on endothelial function in healthy men with normal glucose tolerance: data from a randomised, placebo-controlled, double-blind study. <i>Diabetes and Vascular Disease Research</i> , <b>2010</b> , 7, 178-85	3.3	10
164	Association study between variants in the fibrinogen gene cluster, fibrinogen levels and hypertension: Results from the MONICA/ KORA study. <i>Thrombosis and Haemostasis</i> , <b>2009</b> , 101, 317-324	7	10
163	Is hsCRP Back on Board? Implications from the JUPITER Trial. <i>Clinical Chemistry</i> , <b>2009</b> , 55, 216-8	5.5	10
162	The systemic immune network in recent onset type 1 diabetes: central role of interleukin-1 receptor antagonist (DIATOR Trial). <i>PLoS ONE</i> , <b>2013</b> , 8, e72440	3.7	10
161	Metabolomics reveals an entanglement of fasting leptin concentrations with fatty acid oxidation and gluconeogenesis in healthy children. <i>PLoS ONE</i> , <b>2017</b> , 12, e0183185	3.7	10
160	Inflammation and Cardiovascular Disease: The Future. <i>European Cardiology Review</i> , <b>2021</b> , 16, e20	3.9	10
159	Epigenetic Signatures at AQP3 and SOCS3 Engage in Low-Grade Inflammation across Different Tissues. <i>PLoS ONE</i> , <b>2016</b> , 11, e0166015	3.7	10
158	Lipid-modifying therapy and low-density lipoprotein cholesterol goal attainment in patients with familial hypercholesterolemia in Germany: The CaReHigh Registry. <i>Atherosclerosis</i> , <b>2018</b> , 277, 314-322	3.1	10
157	Prediction of short- and long-term mortality in takotsubo syndrome: the InterTAK Prognostic Score. <i>European Journal of Heart Failure</i> , <b>2019</b> , 21, 1469-1472	12.3	9
156	Vitamin D in Relation to Incident Sarcopenia and Changes in Muscle Parameters Among Older Adults: The KORA-Age Study. <i>Calcified Tissue International</i> , <b>2019</b> , 105, 173-182	3.9	9
155	Multi-state models of transitions in depression and anxiety symptom severity and cardiovascular events in patients with coronary heart disease. <i>PLoS ONE</i> , <b>2019</b> , 14, e0213334	3.7	9
154	Association of the coronary artery disease risk gene GUCY1A3 with ischaemic events after coronary intervention. <i>Cardiovascular Research</i> , <b>2019</b> , 115, 1512-1518	9.9	9
153	Mendelian Randomization Analyses for Selection of Therapeutic Targets for Cardiovascular Disease Prevention: a Note of Circumspection. <i>Cardiovascular Drugs and Therapy</i> , <b>2016</b> , 30, 65-74	3.9	9
152	Fasting time and lipid parameters: association with hepatic steatosis--data from a random population sample. <i>Lipids in Health and Disease</i> , <b>2014</b> , 13, 18	4.4	9
151	TGF- $\beta$ content in atherosclerotic plaques, TGF- $\beta$ serum concentrations and incident coronary events. <i>European Journal of Clinical Investigation</i> , <b>2012</b> , 42, 329-37	4.6	9
150	Dyslipidemias and Cardiovascular Prevention: Tailoring Treatment According to Lipid Phenotype. <i>Current Cardiology Reports</i> , <b>2017</b> , 19, 61	4.2	9



149	Safety and efficacy of aliskiren/amlodipine/hydrochlorothiazide triple combination in patients with moderate to severe hypertension: a 54-week, open-label study. <i>Journal of Clinical Hypertension</i> , <b>2012</b> , 14, 821-7	2.3	9
148	Angiographic results of a Tacrolimus-eluting stent in acute coronary syndrome lesions. <i>Clinical Research in Cardiology</i> , <b>2009</b> , 98, 89-93	6.1	9
147	Serum uromodulin is inversely associated with the metabolic syndrome in the KORA F4 study. <i>Endocrine Connections</i> , <b>2019</b> , 8, 1363-1371	3.5	9
146	The European Collaborative Project on Inflammation and Vascular Wall Remodeling in Atherosclerosis - Intravascular Ultrasound (ATHEROREMO-IVUS) study. <i>EuroIntervention</i> , <b>2018</b> , 14, 194-203	3.1	9
145	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> , <b>2020</b> , 18, 300	11.4	9
144	Leptin in Human Milk and Child Body Mass Index: Results of the Ulm Birth Cohort Studies. <i>Nutrients</i> , <b>2019</b> , 11,	6.7	8
143	Serum uromodulin is associated with but does not predict type 2 diabetes in elderly KORA F4/FF4 study participants. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2019</b> ,	5.6	8
142	Refining Long-Term Prediction of Cardiovascular Risk in Diabetes - The VILDIA Score. <i>Scientific Reports</i> , <b>2017</b> , 7, 4700	4.9	8
141	Relevance of correction for drift and day-to-day variation in cystatin C measurement: a post-hoc analysis of the PREVEND cohort, with independent replication in the ESTHER cohort. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2015</b> , 53, 1381-90	5.9	8
140	Association of Circulating Monocyte Chemoattractant Protein-1 Levels With Cardiovascular Mortality: A Meta-analysis of Population-Based Studies. <i>JAMA Cardiology</i> , <b>2021</b> , 6, 587-592	16.2	8
139	Identification of Comprehensive Metabotypes Associated with Cardiometabolic Diseases in the Population-Based KORA Study. <i>Molecular Nutrition and Food Research</i> , <b>2018</b> , 62, e1800117	5.9	8
138	Ultra-sensitive troponin I is an independent predictor of incident coronary heart disease in the general population. <i>European Journal of Epidemiology</i> , <b>2017</b> , 32, 583-591	12.1	7
137	Serum uromodulin and risk for cardiovascular morbidity and mortality in the community-based KORA F4 study. <i>Atherosclerosis</i> , <b>2020</b> , 297, 1-7	3.1	7
136	Long-term trajectories of anxiety and depression in patients with stable coronary heart disease and risk of subsequent cardiovascular events. <i>Depression and Anxiety</i> , <b>2020</b> , 37, 784-792	8.4	7
135	A prospective assessment of cardiac biomarkers for hemodynamic stress and necrosis and the risk of falls among older people: the ActiFE study. <i>European Journal of Epidemiology</i> , <b>2016</b> , 31, 427-35	12.1	7
134	Ldlr and ApoE mice better mimic the human metabolite signature of increased carotid intima media thickness compared to other animal models of cardiovascular disease. <i>Atherosclerosis</i> , <b>2018</b> , 276, 140-147	3.1	7
133	PLA1A2 platelet polymorphism predicts mortality in prediabetic subjects of the population based KORA S4-Cohort. <i>Cardiovascular Diabetology</i> , <b>2014</b> , 13, 90	8.7	7
132	Regional variation of chronic kidney disease in Germany: results from two population-based surveys. <i>Kidney and Blood Pressure Research</i> , <b>2015</b> , 40, 231-43	3.1	7

131	Lp-PLA2 Inhibition-The Atherosclerosis Panacea?. <i>Pharmaceuticals</i> , <b>2010</b> , 3, 1360-1373	5.2	7
130	Interleukin-1 $\beta$ suppression dampens inflammatory leukocyte production and uptake in atherosclerosis. <i>Cardiovascular Research</i> , <b>2021</b> ,	9.9	7
129	Hs-cTroponins for the prediction of recurrent cardiovascular events in patients with established CHD - A comparative analysis from the KAROLA study. <i>International Journal of Cardiology</i> , <b>2018</b> , 250, 247-252	3.2	7
128	Prognostic Value of Cardiac Troponin T and Sex in Patients Undergoing Elective Percutaneous Coronary Intervention. <i>Journal of the American Heart Association</i> , <b>2016</b> , 5,	6	7
127	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> , <b>2019</b> , 42, e18-e20	14.6	7
126	Polygenic Risk Score: Clinically Useful Tool for Prediction of Cardiovascular Disease and Benefit from Lipid-Lowering Therapy?. <i>Cardiovascular Drugs and Therapy</i> , <b>2021</b> , 35, 627-635	3.9	7
125	Longitudinal associations between ambient air pollution and insulin sensitivity: results from the KORA cohort study. <i>Lancet Planetary Health</i> , <b>2021</b> , 5, e39-e49	9.8	7
124	Repeat Measurements of High Sensitivity Troponins for the Prediction of Recurrent Cardiovascular Events in Patients With Established Coronary Heart Disease: An Analysis From the KAROLA Study. <i>Journal of the American Heart Association</i> , <b>2019</b> , 8, e011882	6	6
123	Sexual Activity Patterns Before Myocardial Infarction and Risk of Subsequent Cardiovascular Adverse Events. <i>Journal of the American College of Cardiology</i> , <b>2015</b> , 66, 1516-7	15.1	6
122	Association of Dietary Patterns and Type-2 Diabetes Mellitus in Metabolically Homogeneous Subgroups in the KORA FF4 Study. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	6
121	Biomarkers in patients with heart failure and central sleep apnoea: findings from the SERVE-HF trial. <i>ESC Heart Failure</i> , <b>2020</b> , 7, 503-511	3.7	6
120	Comparison of Cardiovascular Risk Factors in European Population Cohorts for Predicting Atrial Fibrillation and Heart Failure, Their Subsequent Onset, and Death. <i>Journal of the American Heart Association</i> , <b>2020</b> , 9, e015218	6	6
119	Atrial fibrillation and long-term prognosis of patients with stable coronary heart disease: Relevance of routine electrocardiogram. <i>International Journal of Cardiology</i> , <b>2016</b> , 203, 1014-5	3.2	6
118	Prognostic value of midregional pro-A-type natriuretic peptide and N-terminal pro-B-type natriuretic peptide in patients with stable coronary heart disease followed over 8 years. <i>Clinical Chemistry</i> , <b>2014</b> , 60, 1441-9	5.5	6
117	Myeloperoxidase, but not oxidized LDL, is associated with leisure-time physical activity: results from the MONICA/KORA Augsburg Studies 1984-1995. <i>Atherosclerosis</i> , <b>2011</b> , 219, 774-7	3.1	6
116	Integrating biomarkers: the new frontier?. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , <b>2010</b> , 242, 117-23	2	6
115	Risk-guided therapy: a first step to personalized medicine. <i>European Journal of Preventive Cardiology</i> , <b>2012</b> , 19, 5-6	3.9	6
114	Determinants of plasma interleukin-6 levels among survivors of myocardial infarction. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , <b>2008</b> , 15, 631-8		6

113	Valor pronóstico diferencial de la galectina-3 según los valores de antígeno carbohidrato 125 para el implante percutáneo de válvula aórtica. <i>Revista Espanola De Cardiología</i> , <b>2019</b> , 72, 907-915	1.5	6
112	Effects of the coronary artery disease associated LPA and 9p21 loci on risk of aortic valve stenosis. <i>International Journal of Cardiology</i> , <b>2019</b> , 276, 212-217	3.2	6
111	Modifying effect of metabotype on diet-diabetes associations. <i>European Journal of Nutrition</i> , <b>2020</b> , 59, 1357-1369	5.2	6
110	Meta-analysis uncovers genome-wide significant variants for rapid kidney function decline. <i>Kidney International</i> , <b>2021</b> , 99, 926-939	9.9	6
109	Genome-wide association study of circulating interleukin 6 levels identifies novel loci. <i>Human Molecular Genetics</i> , <b>2021</b> , 30, 393-409	5.6	6
108	Accuracy of ECG indices for diagnosis of left ventricular hypertrophy in people >65 years: results from the ActiFE study. <i>Aging Clinical and Experimental Research</i> , <b>2017</b> , 29, 875-884	4.8	5
107	Discovery and replication of SNP-SNP interactions for quantitative lipid traits in over 60,000 individuals. <i>BioData Mining</i> , <b>2017</b> , 10, 25	4.3	5
106	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> , <b>2018</b> , 34, e3063	7.5	5
105	No evidence for genome-wide interactions on plasma fibrinogen by smoking, alcohol consumption and body mass index: results from meta-analyses of 80,607 subjects. <i>PLoS ONE</i> , <b>2014</b> , 9, e111156	3.7	5
104	Serial measurements of N-terminal pro-brain natriuretic peptide in patients with coronary heart disease. <i>PLoS ONE</i> , <b>2015</b> , 10, e0117143	3.7	5
103	Changes of omentin-1 and chemerin during 4 weeks of lifestyle intervention and 1 year follow-up in children with obesity. <i>Clinical Nutrition</i> , <b>2021</b> , 40, 5648-5654	5.9	5
102	Temporal relations between atrial fibrillation and ischaemic stroke and their prognostic impact on mortality. <i>Europace</i> , <b>2020</b> , 22, 522-529	3.9	5
101	Associations of cardiac stress biomarkers with incident type 2 diabetes and changes in glucose metabolism: KORA F4/FF4 study. <i>Cardiovascular Diabetology</i> , <b>2020</b> , 19, 178	8.7	5
100	Discordance of High-Sensitivity Troponin Assays in Patients With Suspected Acute Coronary Syndromes. <i>Journal of the American College of Cardiology</i> , <b>2021</b> , 77, 1487-1499	15.1	5
99	Determinants of leptin in human breast milk: results of the Ulm SPATZ Health Study. <i>International Journal of Obesity</i> , <b>2019</b> , 43, 1174-1180	5.5	5
98	Interleukin 6 and Cardiovascular Outcomes in Patients With Chronic Kidney Disease and Chronic Coronary Syndrome. <i>JAMA Cardiology</i> , <b>2021</b> ,	16.2	5
97	Intrafamilial associations of cardiometabolic risk factors--results of the Ulm Birth Cohort Study. <i>Atherosclerosis</i> , <b>2015</b> , 240, 174-83	3.1	4
96	High-sensitivity troponin T and C-reactive protein to identify patients without cardiac structural and functional abnormalities as assessed by cardiac CT and SPECT imaging: can biomarkers predict cardiac health?. <i>International Journal of Cardiovascular Imaging</i> , <b>2013</b> , 29, 865-73	2.5	4

95	Plasma copeptin levels are inversely associated with intima-media-thickness in men: the population-based KORA F4 study. <i>Cardiovascular Diabetology</i> , <b>2013</b> , 12, 168	8.7	4
94	Self-Reported Health and Outcomes in Patients With Stable Coronary Heart Disease. <i>Journal of the American Heart Association</i> , <b>2017</b> , 6,	6	4
93	Large-Scale Gene-Centric Meta-Analysis across 39 Studies Identifies Type 2 Diabetes Loci. <i>American Journal of Human Genetics</i> , <b>2012</b> , 90, 753	11	4
92	Phospholipase A2 as a therapeutic target for atherosclerosis. <i>Clinical Lipidology</i> , <b>2010</b> , 5, 43-56		4
91	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> , <b>2021</b> , 106, e1647-e1659	5.6	4
90	Sex hormone-binding globulin, androgens and mortality: the KORA-F4 cohort study. <i>Endocrine Connections</i> , <b>2020</b> , 9, 326-336	3.5	4
89	Comparison of a Point-Of-Care Test for High-Sensitivity C-Reactive Protein with an Established Immuno-Nephelometric Method. <i>Clinical Laboratory</i> , <b>2015</b> , 61, 1585-8	2	4
88	Bioprofiles and mechanistic pathways associated with Cheyne-Stokes respiration: insights from the SERVE-HF trial. <i>Clinical Research in Cardiology</i> , <b>2020</b> , 109, 881-891	6.1	4
87	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> , <b>2020</b> , 15, e0237364	3.7	4
86	Impact of White Blood Cell Count on Clinical Outcomes in Patients Treated with Aspirin-Free Ticagrelor Monotherapy after Percutaneous Coronary Intervention: Insights from the GLOBAL LEADERS Trial. <i>European Heart Journal - Cardiovascular Pharmacotherapy</i> , <b>2020</b> ,	6.4	4
85	Risk markers of incident atrial fibrillation in patients with coronary heart disease. <i>American Heart Journal</i> , <b>2021</b> , 233, 92-101	4.9	4
84	Metabolic syndrome and the plasma proteome: from association to causation. <i>Cardiovascular Diabetology</i> , <b>2021</b> , 20, 111	8.7	4
83	Meta-analysis of epigenome-wide association studies of carotid intima-media thickness. <i>European Journal of Epidemiology</i> , <b>2021</b> , 36, 1143-1155	12.1	4
82	Altered relation of the renin-aldosterone system and vasoactive peptides in type 2 diabetes: The KORA F4 study. <i>Atherosclerosis</i> , <b>2016</b> , 252, 88-96	3.1	4
81	Use of Cardiac Biomarkers for Monitoring Improvement of Left Ventricular Function by Immunoabsorption Treatment in Dilated Cardiomyopathy. <i>Biomolecules</i> , <b>2019</b> , 9,	5.9	4
80	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> , <b>2019</b> , 73, 19-25	5.1	4
79	Add-on Immunoabsorption Shortly-after Optimal Medical Treatment Further Significantly and Persistently Improves Cardiac Function and Symptoms in Recent-Onset Heart Failure-A Single Center Experience. <i>Biomolecules</i> , <b>2018</b> , 8,	5.9	4
78	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> , <b>2020</b> , 8,	4.5	3

77	Muscular Strength is Independently Associated with Cystatin C: The KORA-Age Study. <i>International Journal of Sports Medicine</i> , <b>2018</b> , 39, 225-231	3.6	3
76	Soluble CD14 concentration in human breast milk and its potential role in child atopic dermatitis: Results of the Ulm Birth Cohort Studies. <i>Clinical and Experimental Allergy</i> , <b>2019</b> , 49, 199-206	4.1	3
75	Cytochrome P450 2C19*2 polymorphism in patients with stable coronary heart disease and risk for secondary cardiovascular disease events: results of a long-term follow-up study in routine clinical care. <i>BMC Cardiovascular Disorders</i> , <b>2013</b> , 13, 61	2.3	3
74	Sympathetic nervous system: a crucial player modulating residual cardiovascular risk. <i>Circulation Research</i> , <b>2013</b> , 112, 13-6	15.7	3
73	Composite End Points: Implications of Changing Compositions With Longer Follow-Up. <i>Circulation: Cardiovascular Quality and Outcomes</i> , <b>2017</b> , 10,	5.8	3
72	C-Reactive Protein and Cardiovascular Risk: Will the Controversy End after CANTOS?. <i>Clinical Chemistry</i> , <b>2017</b> , 63, 1897-1898	5.5	3
71	Influence of Storage and Inter- and Intra-Assay Variability on the Measurement of Inflammatory Biomarkers in Population-Based Biobanking. <i>Biopreservation and Biobanking</i> , <b>2017</b> , 15, 512-518	2.1	3
70	Coronary CT angiography for acute chest pain. <i>New England Journal of Medicine</i> , <b>2012</b> , 367, 1664-5; author reply 1666	59.2	3
69	C-reactive protein in the Heart Protection Study. <i>Lancet, The</i> , <b>2011</b> , 377, 1918; author reply 1918-9	40	3
68	Targeted proteomics improves cardiovascular risk prediction in secondary prevention.. <i>European Heart Journal</i> , <b>2022</b> ,	9.5	3
67	Association of lung function with overall mortality is independent of inflammatory, cardiac, and functional biomarkers in older adults: the ActiFE-study. <i>Scientific Reports</i> , <b>2020</b> , 10, 11862	4.9	3
66	Cardiac Troponin I and Incident Stroke in European Cohorts: Insights From the BiomarCaRE Project. <i>Stroke</i> , <b>2020</b> , 51, 2770-2777	6.7	3
65	Ethnic comparison in takotsubo syndrome: novel insights from the International Takotsubo Registry. <i>Clinical Research in Cardiology</i> , <b>2021</b> , 1	6.1	3
64	Immune cell-based cardiovascular risk assessment: spotlight on the neutrophil-lymphocyte ratio. <i>European Heart Journal</i> , <b>2021</b> , 42, 904-906	9.5	3
63	Prognostic impact of acute pulmonary triggers in patients with takotsubo syndrome: new insights from the International Takotsubo Registry. <i>ESC Heart Failure</i> , <b>2021</b> , 8, 1924-1932	3.7	3
62	Mortality risk prediction of high-sensitivity C-reactive protein in suspected acute coronary syndrome: A cohort study.. <i>PLoS Medicine</i> , <b>2022</b> , 19, e1003911	11.6	3
61	The Longer, the Better? An Empirical Study of the Extent and Mechanisms of Attenuating Biomarker Associations in Cardiovascular Patient Cohorts. <i>Clinical Chemistry</i> , <b>2017</b> , 63, 673-682	5.5	2
60	Residual vascular risk in diabetes - Will the SPPARM alpha concept hold the key?. <i>Diabetes and Metabolic Syndrome: Clinical Research and Reviews</i> , <b>2019</b> , 13, 2723-2725	8.9	2

59	Determinants of elevated carbohydrate antigen 125 in patients with severe symptomatic aortic valve stenosis referred for transcatheter aortic valve implantation. <i>Biomarkers</i> , <b>2018</b> , 23, 299-304	2.6	2
58	Association of maternal uric acid and cystatin C serum concentrations with maternal and neonatal cardiovascular risk markers and neonatal body composition: The Ulm SPATZ Health Study. <i>PLoS ONE</i> , <b>2018</b> , 13, e0200470	3.7	2
57	Association of proinsulin and hepatic steatosis in a random, population-based sample. <i>European Journal of Endocrinology</i> , <b>2013</b> , 168, 195-202	6.5	2
56	Right ventricular function assessed by tissue Doppler echocardiography in older subjects without evidence for structural cardiac disease. <i>Aging Clinical and Experimental Research</i> , <b>2017</b> , 29, 557-562	4.8	2
55	Presence of fatty liver and the relationship between alcohol consumption and markers of inflammation. <i>Mediators of Inflammation</i> , <b>2015</b> , 2015, 278785	4.3	2
54	Darapladib for the treatment of cardiovascular disease. <i>Expert Review of Cardiovascular Therapy</i> , <b>2015</b> , 13, 33-48	2.5	2
53	Reply to Letter Regarding Article, High-Sensitivity Troponin T Concentrations in Acute Chest Pain Patients Evaluated With Cardiac Computed Tomography. <i>Circulation</i> , <b>2011</b> , 123,	16.7	2
52	Rolle der Inflammation in der Atherosklerose – Ein Update. <i>Klinikerzt</i> , <b>2010</b> , 39, 140-146	0	2
51	Variability of fibrinogen measurements in post-myocardial infarction patients. Results from the AIRGENE study center Augsburg. <i>Thrombosis and Haemostasis</i> , <b>2012</b> , 107, 895-902	7	2
50	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> , <b>2021</b> , 20, 223	8.7	2
49	Chronic kidney disease and risk of atrial fibrillation and heart failure in general population-based cohorts: the BiomarCaRE project. <i>ESC Heart Failure</i> , <b>2021</b> ,	3.7	2
48	Association of iron deficiency with incident cardiovascular diseases and mortality in the general population. <i>ESC Heart Failure</i> , <b>2021</b> , 8, 4584	3.7	2
47	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> , <b>2020</b> , 8,	4.5	2
46	Pharmacogenomics of the Efficacy and Safety of Colchicine in COLCOT. <i>Circulation Genomic and Precision Medicine</i> , <b>2021</b> , 14, e003183	5.2	2
45	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. <i>Journal of Psychosomatic Research</i> , <b>2021</b> , 145, 110480	4.1	2
44	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> , <b>2021</b> , 45, 633-650	2.6	2
43	Sonographically Assessed Intra-Abdominal Fat And Cardiometabolic Risk Factors in Adolescents with Extreme Obesity. <i>Obesity Facts</i> , <b>2016</b> , 9, 121-37	5.1	2
42	Echocardiographic B-mode evaluation of the right heart in older people: The ActiFE Study. <i>Archives of Gerontology and Geriatrics</i> , <b>2016</b> , 67, 145-52	4	2

41	Is proteomics of value in cardiovascular risk assessment?. <i>Current Opinion in Lipidology</i> , <b>2019</b> , 30, 452-461	4.4	2
40	's Special Issue on Men's Health. <i>Clinical Chemistry</i> , <b>2019</b> , 65, 1-3	5.5	2
39	Serum uromodulin and decline of kidney function in older participants of the population-based KORA F4/FF4 study. <i>CKJ: Clinical Kidney Journal</i> , <b>2021</b> , 14, 205-211	4.5	2
38	Serum uromodulin is inversely associated with biomarkers of subclinical inflammation in the population-based KORA F4 study. <i>CKJ: Clinical Kidney Journal</i> , <b>2021</b> , 14, 1618-1625	4.5	2
37	Impact of Atrial Fibrillation on Outcome in Takotsubo Syndrome: Data From the International Takotsubo Registry. <i>Journal of the American Heart Association</i> , <b>2021</b> , 10, e014059	6	2
36	Risk Factors, Subsequent Disease Onset, and Prognostic Impact of Myocardial Infarction and Atrial Fibrillation.. <i>Journal of the American Heart Association</i> , <b>2022</b> , e024299	6	2
35	Kardiovaskulär wirksame Therapie bei Patienten mit Diabetes mellitus. <i>Diabetologe</i> , <b>2017</b> , 13, 100-107	0.2	1
34	Risk prediction by non-invasive coronary imaging: we are not there yet!. <i>European Heart Journal</i> , <b>2018</b> , 39, 942-944	9.5	1
33	The Associations of Diuretics and Laxatives Use with Cardiovascular Mortality. An Individual Patient-Data Meta-analysis of Two Large Cohort Studies. <i>Cardiovascular Drugs and Therapy</i> , <b>2019</b> , 33, 567-579	3.9	1
32	Metabolite profiling as a future tool in the prediction of type 2 diabetes mellitus. <i>Clinical Endocrinology</i> , <b>2012</b> , 76, 615-6	3.4	1
31	Lipoprotein(a) and cardiometabolic diseases: the mystery continues. <i>Clinical Chemistry</i> , <b>2010</b> , 56, 1207-9	5.5	1
30	Clinical correlates and prognostic impact of neurologic disorders in Takotsubo syndrome. <i>Scientific Reports</i> , <b>2021</b> , 11, 23555	4.9	1
29	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> , <b>2022</b> , 17, e0262330	3.7	1
28	Association of serum uromodulin with adipokines in dependence of type 2 diabetes.. <i>Cytokine</i> , <b>2021</b> , 150, 155786	4	1
27	Association of Long-Term Air Pollution with Prevalence and Incidence of Distal Sensorimotor Polyneuropathy: KORA F4/FF4 Study. <i>Environmental Health Perspectives</i> , <b>2020</b> , 128, 127013	8.4	1
26	Evaluation of the Metabotype Concept Identified in an Irish Population in the German KORA Cohort Study. <i>Molecular Nutrition and Food Research</i> , <b>2020</b> , 64, e1900918	5.9	1
25	DNAm-based signatures of accelerated aging and mortality in blood are associated with low renal function. <i>Clinical Epigenetics</i> , <b>2021</b> , 13, 121	7.7	1
24	Plasma Proteomics of Renal Function: A Trans-ethnic Meta-analysis and Mendelian Randomization Study. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2021</b> ,	12.7	1

23	Chronic Inflammation Mediates the Association between Cortisol and Hyperglycemia: Findings from the Cross-Sectional Population-Based KORA Age Study. <i>Journal of Clinical Medicine</i> , <b>2021</b> , 10,	5.1	1
22	In patients with stable coronary heart disease, low-density lipoprotein-cholesterol levels American Heart Journal, <b>2020</b> , 225, 97-107	4.9	1
21	Natriuretic Peptides and Risk of Type 2 Diabetes: Results From the Biomarkers for Cardiovascular Risk Assessment in Europe (BiomarCaRE) Consortium. <i>Diabetes Care</i> , <b>2021</b> , 44, 2527-2535	14.6	1
20	Epigenome-wide association study of serum urate reveals insights into urate co-regulation and the SLC2A9 locus. <i>Nature Communications</i> , <b>2021</b> , 12, 7173	17.4	1
19	DNA methylation signature of chronic low-grade inflammation and its role in cardio-respiratory diseases.. <i>Nature Communications</i> , <b>2022</b> , 13, 2408	17.4	1
18	Physical Activity and Sex Hormone-Binding Globulin in Older Adults. <i>Journal of Aging and Physical Activity</i> , <b>2019</b> , 27, 621-624	1.6	0
17	C-reactive protein levels and plaque regression with evolocumab: Insights from GLAGOV. <i>American Journal of Preventive Cardiology</i> , <b>2020</b> , 3, 100091	1.9	0
16	Relationship between cardiac biomarker concentrations and long-term mortality in subjects with osteoarthritis. <i>PLoS ONE</i> , <b>2020</b> , 15, e0242814	3.7	0
15	Prognostic value of long-term trajectories of depression for incident diabetes mellitus in patients with stable coronary heart disease. <i>Cardiovascular Diabetology</i> , <b>2021</b> , 20, 108	8.7	0
14	Potential sex differences in human milk leptin and their association with asthma and wheeze phenotypes: Results of the Ulm Birth Cohorts. <i>Pediatric Allergy and Immunology</i> , <b>2021</b> , 32, 1663-1672	4.2	0
13	Elucidating mechanisms of genetic cross-disease associations at the PROCR vascular disease locus.. <i>Nature Communications</i> , <b>2022</b> , 13, 1222	17.4	0
12	Short-term effects of cold spells on plasma viscosity: Results from the KORA cohort study in Augsburg, Germany.. <i>Environmental Pollution</i> , <b>2022</b> , 119071	9.3	0
11	Meta-analyses identify DNA methylation associated with kidney function and damage. <i>Nature Communications</i> , <b>2021</b> , 12, 7174	17.4	0
10	Association of C-Terminal Pro-Endothelin-1 with Mortality in the Population-Based KORA F4 Study.. <i>Vascular Health and Risk Management</i> , <b>2022</b> , 18, 335-346	4.4	0
9	Response to Drs. Rasmussen and Pareek regarding our paper in Int. J. Cardiol. 2018; 250: 247-252: Hs-cTroponins for the prediction of recurrent cardiovascular events in patients with established CHD - A comparative analysis from the KAROLA study. <i>International Journal of Cardiology</i> , <b>2018</b> , 257, 314	3.2	
8	Interleukin-17 in atherosclerosis: Still a long road ahead. <i>International Journal of Cardiology</i> , <b>2016</b> , 202, 932	3.2	
7	Conclusion. <i>European Journal of Preventive Cardiology</i> , <b>2012</b> , 19, 54-5	3.9	
6	Präventive Kardiologie. <i>Kardiologie Up2date</i> , <b>2012</b> , 08, 321-334	0	



- 5 Need to Rethink. *Deutsches Arzteblatt International*, **2016**, 113, 505 2.5
- 4 Dataset of the associations of aldosterone to renin ratio with MR-proANP and MR-proADM. *Data in Brief*, **2016**, 8, 1395-9 1.2
- 3 Combining cholesterol-lowering strategies with imaging data: a visible benefit?. *European Journal of Preventive Cardiology*, **2019**, 26, 365-379 3.9
- 2 Persistent inflammatory residual risk despite aggressive cholesterol-lowering therapy: what is next?. *Current Opinion in Cardiology*, **2021**, 36, 776-783 2.1
- 1 Population-based screening in children for early diagnosis and treatment of familial hypercholesterolemia: design of the VRONI study. *Medizinische Genetik*, **2022**, 34, 41-51 0.5