Kari Kuulasmaa

List of Publications by Year
in descending order

90 papers	13,796 citations	61857 43 h-index	64668 79 g-index
92 all docs	92 docs citations	92 times ranked	20044 citing authors

#	ARTICLE	IF	CITATIONS
1	Myocardial infarction and coronary deaths in the World Health Organization MONICA Project. Registration procedures, event rates, and case-fatality rates in 38 populations from 21 countries in four continents.. Circulation, 1994, 90, 583-612.	1.6	2,056
2	Large-scale association analysis identifies new risk loci for coronary artery disease. Nature Genetics, 2013, 45, 25-33.	9.4	1,439
3	New genetic loci link adipose and insulin biology to body fat distribution. Nature, 2015, 518, 187-196.	13.7	1,328
4	Contribution of trends in survival and coronar y-event rates to changes in coronary heart disease mortality: 10-year results from 37 WHO MONICA Project populations. Lancet, The, 1999, 353, 1547-1557.	6.3	1,280
5	Estimation of contribution of changes in classic risk factors to trends in coronary-event rates across the WHO MONICA Project populations. Lancet, The, 2000, 355, 675-687.	6.3	819
6	SCORE2 risk prediction algorithms: new models to estimate 10-year risk of cardiovascular disease in Europe. European Heart Journal, 2021, 42, 2439-2454.	1.0	491
7	Exome-wide association study of plasma lipids in >300,000 individuals. Nature Genetics, 2017, 49, 1758-1766.	9.4	470
8	Estimation of contribution of changes in coronary care to improving survival, event rates, and coronary heart disease mortality across the WHO MONICA Project populations. Lancet, The, 2000, 355, 688-700.	6.3	459
9	The genetics of blood pressure regulation and its target organs from association studies in 342,415 individuals. Nature Genetics, 2016, 48, 1171-1184.	9.4	362
10	Impact of smoking and smoking cessation on cardiovascular events and mortality among older adults: meta-analysis of individual participant data from prospective cohort studies of the CHANCES consortium. BMJ, The, 2015, 350, h1551-h1551.	3.0	349
11	Sex Differences and Similarities in Atrial Fibrillation Epidemiology, Risk Factors, and Mortality in Community Cohorts. Circulation, 2017, 136, 1588-1597.	1.6	307
12	Protein-altering variants associated with body mass index implicate pathways that control energy intake and expenditure in obesity. Nature Genetics, 2018, 50, 26-41.	9.4	286
13	Trans-ancestry meta-analyses identify rare and common variants associated with blood pressure and hypertension. Nature Genetics, 2016, 48, 1151-1161.	9.4	261
14	Application of High-Sensitivity Troponin in Suspected Myocardial Infarction. New England Journal of Medicine, 2019, 380, 2529-2540.	13.9	230
15	Cohort Profile: The National FINRISK Study. International Journal of Epidemiology, 2018, 47, 696-696i.	0.9	214
16	Troponin I and cardiovascular risk prediction in the general population: the BiomarCaRE consortium. European Heart Journal, 2016, 37, 2428-2437.	1.0	200
17	The validity of the Finnish Hospital Discharge Register and Causes of Death Register data on coronary heart disease. European Journal of Cardiovascular Prevention and Rehabilitation, 2005, 12, 132-137.	3.1	173
18	Relationship of Socioeconomic Status to the Incidence and Prehospital, 28-Day, and 1-Year Mortality Rates of Acute Coronary Events in the FINMONICA Myocardial Infarction Register Study. Circulation, 2000, 101, 1913-1918.	1.6	161

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19	High population prevalence of cardiac troponin I measured by a high-sensitivity assay and cardiovascular risk estimation: the MORGAM Biomarker Project Scottish Cohort. European Heart Journal, 2014, 35, 271-281.	1.0	160
20	Thirty-One Novel Biomarkers as Predictors for Clinically Incident Diabetes. PLoS ONE, 2010, 5, e10100.	1.1	149
21	Trends in coronary risk factors in the WHO MONICA Project. International Journal of Epidemiology, 2001, 30, S35-S40.	0.9	138
22	Socioeconomic Status and Ischemic Stroke. Stroke, 2001, 32, 1492-1498.	1.0	134
23	Total and cause specific mortality among participants and non-participants of population based health surveys: a comprehensive follow up of 54 372 Finnish men and women. Journal of Epidemiology and Community Health, 2005, 59, 310-315.	2.0	123
24	Quantification of the smoking-associated cancer risk with rate advancement periods: meta-analysis of individual participant data from cohorts of the CHANCES consortium. BMC Medicine, 2016, 14, 62.	2.3	110
25	MORGAM (an international pooling of cardiovascular cohorts). International Journal of Epidemiology, 2004, 34, 21-27.	0.9	105
26	Continuous 15-Year Decrease in Incidence and Mortality of Stroke in Finland. Stroke, 2004, 35, 420-425.	1.0	103
27	Impact of Age on the Importance of Systolic and Diastolic Blood Pressures for Stroke Risk. Hypertension, 2012, 60, 1117-1123.	1.3	96
28	Do Trends in Population Levels of Blood Pressure and Other Cardiovascular Risk Factors Explain Trends in Stroke Event Rates?. Stroke, 2002, 33, 2367-2375.	1.0	92
29	Discovery of rare variants associated with blood pressure regulation through meta-analysis of 1.3 million individuals. Nature Genetics, 2020, 52, 1314-1332.	9.4	91
30	Protein-coding variants implicate novel genes related to lipid homeostasis contributing to body-fat distribution. Nature Genetics, 2019, 51, 452-469.	9.4	89
31	BiomarCaRE: rationale and design of the European BiomarCaRE project including 300,000 participants from 13 European countries. European Journal of Epidemiology, 2014, 29, 777-790.	2.5	83
32	Meta-analysis of up to 622,409 individuals identifies 40 novel smoking behaviour associated genetic loci. Molecular Psychiatry, 2020, 25, 2392-2409.	4.1	83
33	Circulating Levels of Interleukin 1-Receptor Antagonist and Risk of Cardiovascular Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 1222-1227.	1.1	81
34	Alcohol consumption, cardiac biomarkers, and risk of atrial fibrillation and adverse outcomes. European Heart Journal, 2021, 42, 1170-1177.	1.0	79
35	Decline of Coronary Heart Disease Mortality in Finland During 1983 to 1992: Roles of Incidence, Recurrence, and Case-Fatality. Circulation, 1996, 94, 3130-3137.	1.6	75
36	Decline in cardiovascular mortality in North Karelia and other parts of Finland.. BMJ: British Medical Journal, 1986, 293, 1068-1071.	2.4	73

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37	Genome-Wide Association Study for Incident Myocardial Infarction and Coronary Heart Disease in Prospective Cohort Studies: The CHARGE Consortium. PLoS ONE, 2016, 11, e0144997.	1.1	69
38	The spatial general epidemic and locally dependent random graphs. Journal of Applied Probability, 1982, 19, 745-758.	0.4	66
39	Smoking and All-cause Mortality in Older Adults. American Journal of Preventive Medicine, 2015, 49, e53-e63.	1.6	60
40	Decline in Out-of-Hospital Coronary Heart Disease Deaths Has Contributed the Main Part to the Overall Decline in Coronary Heart Disease Mortality Rates Among Persons 35 to 64 Years of Age in Finland. Circulation, 2003, 108, 691-696.	1.6	56
41	Impact of prediagnostic smoking and smoking cessation on colorectal cancer prognosis: a meta-analysis of individual patient data from cohorts within the CHANCES consortium. Annals of Oncology, 2018, 29, 472-483.	0.6	56
42	Sex-Specific Epidemiology of Heart Failure Risk and Mortality in Europe. JACC: Heart Failure, 2019, 7, 204-213.	1.9	54
43	The Consortium on Health and Ageing: Network of Cohorts in Europe and the United States (CHANCES) projectâ€"design, population and data harmonization of a large-scale, international study. European Journal of Epidemiology, 2014, 29, 929-936.	2.5	52
44	The spatial general epidemic and locally dependent random graphs. Journal of Applied Probability, 1982, 19, 745-758.	0.4	42
45	NT-proBNP (N-Terminal Pro-B-Type Natriuretic Peptide) and the Risk of Stroke. Stroke, 2019, 50, 610-617.	1.0	41
46	Participation rates by educational levels have diverged during 25 years in Finnish health examination surveys. European Journal of Public Health, 2018, 28, 237-243.	0.1	40
47	Association of Circulating Metabolites With Risk of Coronary Heart Disease in a European Population. JAMA Cardiology, 2019, 4, 1270.	3.0	39
48	Low testosterone levels are predictive for incident atrial fibrillation and ischaemic stroke in men, but protective in women â€" results from the FINRISK study. European Journal of Preventive Cardiology, 2018, 25, 1133-1139.	0.8	38
49	Transcriptome-Wide Analysis Identifies Novel Associations With Blood Pressure. Hypertension, 2017, 70, 743-750.	1.3	34
50	Factors Influencing the Outcome of Laser Trabeculoplasty. American Journal of Ophthalmology, 1985, 99, 388-391.	1.7	33
51	The effect of correcting for troponins on trends in coronary heart disease events in Finland during 1993-2002: the FINAMI study. European Heart Journal, 2006, 27, 2394-2399.	1.0	32
52	European health examination surveys â€" a tool for collecting objective information about the health of the population. Archives of Public Health, 2018, 76, 38.	1.0	32
53	Testosterone Levels and Type 2 Diabetesâ€"No Correlation with Age, Differential Predictive Value in Men and Women. Biomolecules, 2018, 8, 76.	1.8	28
54	European Health Examination Survey--towards a sustainable monitoring system. European Journal of Public Health, 2014, 24, 338-344.	0.1	27

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55	On spÃtial general epidemics and bond percolation processes. Journal of Applied Probability, 1984, 21, 911-914.	0.4	26
56	Multinational Comparison of Diagnostic Procedures and Management of Acute Stroke: The WHO MONICA Study. Cerebrovascular Diseases, 1996, 6, 66-74.	0.8	20
57	Age-specific atrial fibrillation incidence, attributable risk factors and risk of stroke and mortality: results from the MORGAM Consortium. Open Heart, 2021, 8, e001624.	0.9	20
58	Association of glycated hemoglobin A1c levels with cardiovascular outcomes in the general population: results from the BiomarCaRE (Biomarker for Cardiovascular Risk Assessment in Europe) consortium. Cardiovascular Diabetology, 2021, 20, 223.	2.7	20
59	Selection bias was reduced by recontacting nonparticipants. Journal of Clinical Epidemiology, 2016, 76, 209-217.	2.4	18
60	Estimating expected life-years and risk factor associations with mortality in Finland: cohort study. BMJ Open, 2020, 10, e033741.	0.8	15
61	Prevalent diabetes and risk of total, colorectal, prostate and breast cancers in an ageing population: meta-analysis of individual participant data from cohorts of the CHANCES consortium. British Journal of Cancer, 2021, 124, 1882-1890.	2.9	13
62	Predictive value of low testosterone concentrations regarding coronary heart disease and mortality in men and women â€" evidence from the <scp>FINRISK</scp>97 study. Journal of Internal Medicine, 2019, 286, 317-325.	2.7	11
63	Changes in CVD Incidence and Mortality Rates, and Life Expectancy: North Karelia and National. Global Heart, 2016, 11, 201.	0.9	10
64	Cardiac Troponin I and Incident Stroke in European Cohorts. Stroke, 2020, 51, 2770-2777.	1.0	9
65	Low testosterone concentrations and prediction of future heart failure in men and in women: evidence from the large FINRISK97 study. ESC Heart Failure, 2021, 8, 2485-2491.	1.4	9
66	Roles of allostatic load, lifestyle and clinical risk factors in mediating the association between education and coronary heart disease risk in Europe. Journal of Epidemiology and Community Health, 2021, 75, 1147-1154.	2.0	9
67	Predictive Importance of Blood Pressure Characteristics With Increasing Age in Healthy Men and Women. Hypertension, 2021, 77, 1076-1085.	1.3	8
68	Diabetes status-related differences in risk factors and mediators of heart failure in the general population: results from the MORGAM/BiomarCaRE consortium. Cardiovascular Diabetology, 2021, 20, 195.	2.7	8
69	Risk Factors, Subsequent Disease Onset, and Prognostic Impact of Myocardial Infarction and Atrial Fibrillation. Journal of the American Heart Association, 2022, 11, e024299.	1.6	8
70	Survival trends, coronary event rates, and the MONICA project. Lancet, The, 1999, 354, 863-864.	6.3	7
71	Blood pressure profiles, and awareness and treatment of hypertension in Europe â€" results from the EHES Pilot Project. Public Health, 2016, 135, 135-139.	1.4	7
72	Natriuretic Peptides and Risk of Type 2 Diabetes: Results From the Biomarkers for Cardiovascular Risk Assessment in Europe (BiomarCaRE) Consortium. Diabetes Care, 2021, 44, 2527-2535.	4.3	7

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73	WHO MONICA Project and its Connections to the North Karelia Project. Global Heart, 2016, 11, 217.	0.9	4
74	Decomposing the educational gradient in allostatic load across European populations. What matters the most: differentials in exposure or in susceptibility?. Journal of Epidemiology and Community Health, 2020, 74, jech-2020-213946.	2.0	4
75	Influence of geographical latitude on vitamin D status: cross-sectional results from the BiomarCaRE consortium. British Journal of Nutrition, 2022, 128, 2208-2218.	1.2	4
76	An agenda-setting paper on data sharing platforms: euCanSHare workshop. Open Research Europe, 0, 1, 80.	2.0	3
77	The product representation of a locally dependent random graph. Stochastic Processes and Their Applications, 1984, 17, 147-158.	0.4	2
78	Standardization of physical measurements in European health examination surveysâ€"experiences from the site visits. European Journal of Public Health, 2017, 27, ckw271.	0.1	2
79	On the reproduction rate of the spatial general epidemic. Lecture Notes in Mathematics, 1986, , 195-199.	0.1	1
80	An agenda-setting paper on data sharing platforms: euCanSHare workshop. Open Research Europe, 0, 1, 80.	2.0	1
81	Associations of the vasoactive peptides CT-proET-1 and MR-proADM with incident type 2 diabetes: results from the BiomarCaRE Consortium. Cardiovascular Diabetology, 2022, 21, .	2.7	1
82	On spÃtial general epidemics and bond percolation processes. Journal of Applied Probability, 1984, 21, 911-914.	0.4	0
83	Locally Dependent Random Graphs and their use in the Study of Epidemic Models. North-Holland Mathematics Studies, 1985, 118, 181-188.	0.2	0
84	Coronary events and coronary care: MONICA project. Lancet, The, 2000, 356, 431.	6.3	0
85	Coronary events and coronary care: MONICA project. Lancet, The, 2000, 356, 432.	6.3	0
86	Corrigendum to â€œMyocardial infarction occurrence in Jerusalem: a Mediterranean anomalyâ€• [Atherosclerosis 178 (1) (2005) 129â€"138]. Atherosclerosis, 2005, 180, 215.	0.4	0
87	Adjusting for selective non-participation with re-contact data in the FINRISK 2012 survey. Scandinavian Journal of Public Health, 2018, 46, 758-766.	1.2	0
88	Combined Effects of Thrombosis Pathway Gene Variants Predict Cardiovascular Events. PLoS Genetics, 2005, preprint, e120.	1.5	0
89	Differential susceptibility to allostatic load and educational inequalities in coronary heart disease. European Journal of Public Health, 2020, 30, .	0.1	0
90	Atrial fibrillation risk factor burden and disease onset across age decades. European Heart Journal, 2020, 41, .	1.0	0