Hanna Tolonen

List of Publications by Year
in descending order

106 papers	5,349 citations	159358 30 h-index	85405 71 g-index
109 all docs	109 docs citations	109 times ranked	6904 citing authors

#	Article	IF	Citations
1	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
2	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
3	25-year Trends and Socio-demographic Differences in Response Rates: Finnish Adult Health Behaviour Survey. European Journal of Epidemiology, 2006, 21, 409-415.	2.5	219
4	Trends in obesity and energy supply in the WHO MONICA Project. International Journal of Obesity, 2004, 28, 710-718.	1.6	216
5	Cohort Profile: The National FINRISK Study. International Journal of Epidemiology, 2018, 47, 696-696i.	0.9	214
6	Human biomonitoring as a tool to support chemicals regulation in the European Union. International Journal of Hygiene and Environmental Health, 2017, 220, 94-97.	2.1	160
7	A comparison of measured versus self-reported anthropometrics for assessing obesity in adults: a literature review. Scandinavian Journal of Public Health, 2018, 46, 565-579.	1.2	159
8	The validation of the Finnish Hospital Discharge Register and Causes of Death Register data on stroke diagnoses. European Journal of Cardiovascular Prevention and Rehabilitation, 2007, 14, 380-385.	3.1	152
9	Sample selection, recruitment and participation rates in health examination surveys in Europe â€" experience from seven national surveys. BMC Medical Research Methodology, 2015, 15, 78.	1.4	140
10	Trends in coronary risk factors in the WHO MONICA Project. International Journal of Epidemiology, 2001, 30, S35-S40.	0.9	138
11	Trends in Stroke and Coronary Heart Disease in the WHO MONICA Project. Stroke, 2003, 34, 1346-1352.	1.0	131
12	Are Changes in Mortality From Stroke Caused by Changes in Stroke Event Rates or Case Fatality?. Stroke, 2003, 34, 1833-1840.	1.0	124
13	Effect on Trend Estimates of the Difference between Survey Respondents and Non-respondents: Results from 27 Populations in the WHO MONICA Project. European Journal of Epidemiology, 2005, 20, 887-898.	2.5	108
14	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
15	Pattern of declining blood pressure across replicate population surveys of the WHO MONICA project, mid-1980s to mid-1990s, and the role of medication. BMJ: British Medical Journal, 2006, 332, 629-635.	2.4	91
16	Prevalence, awareness and treatment of hypercholesterolaemia in 32 populations: results from the WHO MONICA Project. International Journal of Epidemiology, 2004, 34, 181-192.	0.9	79
17	Determinants of 40-year all-cause mortality in the European cohorts of the Seven Countries Study. European Journal of Epidemiology, 2011, 26, 595-608.	2.5	62
18	Challenges in standardization of blood pressure measurement at the population level. BMC Medical Research Methodology, 2015, 15, 33.	1.4	58

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19	Use of oral contraceptives and hormone replacement therapy in the WHO MONICA project. Maturitas, 2004, 48, 39-49.	1.0	55
20	Under-estimation of obesity, hypertension and high cholesterol by self-reported data: comparison of self-reported information and objective measures from health examination surveys. European Journal of Public Health, 2014, 24, 941-948.	0.1	54
21	Metabolic Syndrome and Endocrine Disrupting Chemicals: An Overview of Exposure and Health Effects. International Journal of Environmental Research and Public Health, 2021, 18, 13047.	1.2	54
22	Systematic handling of missing data in complex study designs – experiences from the Health 2000 and 2011 Surveys. Journal of Applied Statistics, 2016, 43, 2772-2790.	0.6	50
23	Lifetime cumulative risk factors predict cardiovascular disease mortality in a 50-year follow-up study in Finland. International Journal of Epidemiology, 2015, 44, 108-116.	0.9	47
24	Marital status, educational level and household income explain part of the excess mortality of survey non-respondents. European Journal of Epidemiology, 2010, 25, 69-76.	2.5	46
25	Differences in participation rates and lessons learned about recruitment of participants – The European Health Examination Survey Pilot Project. Scandinavian Journal of Public Health, 2015, 43, 212-219.	1.2	40
26	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
27	An overview of the European Health Examination Survey Pilot Joint Action. Archives of Public Health, 2012, 70, 20.	1.0	36
28	Harmonization of Human Biomonitoring Studies in Europe: Characteristics of the HBM4EU-Aligned Studies Participants. International Journal of Environmental Research and Public Health, 2022, 19, 6787.	1.2	36
29	Comparative ecologic relationships of saturated fat, sucrose, food groups, and a Mediterranean food pattern score to 50-year coronary heart disease mortality rates among 16 cohorts of the Seven Countries Study. European Journal of Clinical Nutrition, 2018, 72, 1103-1110.	1.3	33
30	European health examination surveys – a tool for collecting objective information about the health of the population. Archives of Public Health, 2018, 76, 38.	1.0	32
31	Coronary heart disease mortality trends during 50 years as explained by risk factor changes: The European cohorts of the Seven Countries Study. European Journal of Preventive Cardiology, 2020, 27, 988-998.	0.8	30
32	European Health Examination Survey--towards a sustainable monitoring system. European Journal of Public Health, 2014, 24, 338-344.	0.1	27
33	Epidemiology of typical coronary heart disease versus heart disease of uncertain etiology (atypical) fatalities and their relationships with classic coronary risk factors. International Journal of Cardiology, 2013, 168, 3963-3967.	0.8	26
34	Age at death of major cardiovascular diseases in 13 cohorts. The seven countries study of cardiovascular diseases 45-year follow-up. Acta Cardiologica, 2019, 74, 66-72.	0.3	26
35	Baseline fatty acids, food groups, a diet score and 50-year all-cause mortality rates. An ecological analysis of the Seven Countries Study. Annals of Medicine, 2017, 49, 718-727.	1.5	24
36	Reasons for non-participation and ways to enhance participation in health examination surveys—the Health 2011 Survey. European Journal of Public Health, 2017, 27, 909-911.	0.1	21

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37	Environmental Substances Associated with Osteoporosis—A Scoping Review. International Journal of Environmental Research and Public Health, 2021, 18, 738.	1.2	21
38	Scoping Review—The Association between Asthma and Environmental Chemicals. International Journal of Environmental Research and Public Health, 2021, 18, 1323.	1.2	20
39	Comparison of metabolic syndrome prevalence using four different definitions – a population-based study in Finland. Archives of Public Health, 2021, 79, 231.	1.0	20
40	Selection bias was reduced by recontacting nonparticipants. Journal of Clinical Epidemiology, 2016, 76, 209-217.	2.4	18
41	Effects of Past and Recent Blood Pressure and Cholesterol Level on Coronary Heart Disease and Stroke Mortality, Accounting for Measurement Error. American Journal of Epidemiology, 2006, 165, 398-409.	1.6	17
42	Innovative use of data sources: a cross-sectional study of data linkage and artificial intelligence practices across European countries. Archives of Public Health, 2020, 78, 55.	1.0	17
43	Increasing health examination survey participation rates by SMS reminders and flexible examination times. Scandinavian Journal of Public Health, 2014, 42, 712-717.	1.2	15
44	Public health monitoring of hypertension, diabetes and elevated cholesterol: comparison of different data sources. European Journal of Public Health, 2018, 28, 754-765.	0.1	14
45	Protocol of a research project 'Projections of the burden of disease and disability in Finland – health policy prospects' using cross-sectional health surveys and register-based follow-up. BMJ Open, 2019, 9, e029338.	0.8	13
46	The Association between ADHD and Environmental Chemicals—A Scoping Review. International Journal of Environmental Research and Public Health, 2022, 19, 2849.	1.2	13
47	A Phased Approach for preparation and organization of human biomonitoring studies. International Journal of Hygiene and Environmental Health, 2021, 232, 113684.	2.1	12
48	The questionnaire design process in the European Human Biomonitoring Initiative (HBM4EU). Environment International, 2022, 160, 107071.	4.8	12
49	Representativeness of participants in a cross-sectional health survey by time of day and day of week of data collection. European Journal of Public Health, 2012, 22, 364-369.	0.1	11
50	Adjusting for non-response in the Finnish Drinking Habits Survey. Scandinavian Journal of Public Health, 2019, 47, 469-473.	1.2	11
51	Differential self-report error by socioeconomic status in hypertension and hypercholesterolemia: INSEF 2015 study. European Journal of Public Health, 2019, 29, 273-278.	0.1	11
52	Learning from previous work and finding synergies in the domains of public and environmental health: EU-funded projects BRIDGE Health and HBM4EU. Archives of Public Health, 2020, 78, 78.	1.0	10
53	Environmental Substances Associated with Alzheimer's Disease—A Scoping Review. International Journal of Environmental Research and Public Health, 2021, 18, 11839.	1.2	10
54	Correcting for non-ignorable missingness in smoking trends. Stat, 2015, 4, 1-14.	0.3	9

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55	Follow-Up Data Improve the Estimation of the Prevalence of Heavy Alcohol Consumption. Alcohol and Alcoholism, 2018, 53, 586-596.	0.9	9
56	Recommendations for design and analysis of health examination surveys under selective non-participation. European Journal of Public Health, 2019, 29, 8-12.	0.1	9
57	Cross-national comparisons of health indicators require standardized definitions and common data sources. Archives of Public Health, 2021, 79, 208.	1.0	9
58	What are we missing? The profile of non-respondents in the Finnish Gambling 2015 survey. Scandinavian Journal of Public Health, 2020, 48, 80-87.	1.2	8
59	Environmental Substances Associated with Chronic Obstructive Pulmonary Disease—A Scoping Review. International Journal of Environmental Research and Public Health, 2022, 19, 3945.	1.2	8
60	What is required to combine human biomonitoring and health surveys?. International Journal of Hygiene and Environmental Health, 2022, 242, 113964.	2.1	8
61	Effect of sampling frames on response rates in the WHO MONICA risk factor surveys. European Journal of Epidemiology, 2005, 20, 293-299.	2.5	7
62	Blood pressure profiles, and awareness and treatment of hypertension in Europe — results from the EHES Pilot Project. Public Health, 2016, 135, 135-139.	1.4	7
63	Age at death in cohorts of middle-aged men followed-up until nearly extinction: the European areas of the Seven Countries Study. Annals of Medicine, 2018, 50, 620-633.	1.5	7
64	The strength of the multivariable associations of major risk factors predicting coronary heart disease mortality is homogeneous across different areas of the Seven Countries Study during 50-year follow-up. Acta Cardiologica, 2018, 73, 148-154.	0.3	7
65	From monitoring to action: utilising health survey data in national policy development and implementation in Finland. Archives of Public Health, 2019, 77, 48.	1.0	7
66	Health data collection methods and procedures across EU member states: findings from the InfAct Joint Action on health information. Archives of Public Health, 2022, 80, 17.	1.0	7
67	Alcohol-related Outcomes and All-cause Mortality in the Health 2000 Survey by Participation Status and Compared with the Finnish Population. Epidemiology, 2020, 31, 534-541.	1.2	6
68	Energy-adjusted Dietary Inflammatory Index scores predict long-term cardiovascular disease mortality and other causes of death in an ecological analysis of the Seven Countries Study. European Journal of Preventive Cardiology, 2020, , 2047487320903866.	0.8	6
69	Differences in participation rates between urban and rural areas are diminishing in Finland. Scandinavian Journal of Public Health, 2018, 46, 755-757.	1.2	5
70	Change and determinants of total and context specific sitting in adults: A 7-year longitudinal study. Journal of Science and Medicine in Sport, 2020, 23, 596-602.	0.6	5
71	Inequalities by education and marital status in the co-occurrence of cardiovascular risk factors in Finland persisted between 1997–2017. Scientific Reports, 2020, 10, 9123.	1.6	5
72	Comparing data sources in estimating disability-adjusted life years (DALYs) for ischemic heart disease and chronic obstructive pulmonary disease in a cross-sectional setting in Finland. Archives of Public Health, 2020, 78, 58.	1.0	5

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73	Association of serum cholesterol with coronary heart disease mortality during 50-year follow-up in ten cohorts of the seven countries study. Nutrition, Metabolism and Cardiovascular Diseases, 2020, 30, 1337-1346.	1.1	5
74	Optimal selection of individuals for repeated covariate measurements in follow-up studies. Statistical Methods in Medical Research, 2016, 25, 2420-2433.	0.7	4
75	Re-calibration of coronary risk prediction: an example of the Seven Countries Study. Scientific Reports, 2017, 7, 17552.	1.6	4
76	WHO MONICA Project and its Connections to the North Karelia Project. Global Heart, 2016, 11, 217.	0.9	4
77	Chronic bronchitis in the 50-year follow-up of the European cohorts of the Seven Countries Study: prevalence, mortality and association with cardiovascular diseases. Respiratory Medicine, 2021, 181, 106385.	1.3	4
78	Age at death in elderly cohorts of four European countries of the Seven Countries Study: the role of comorbidities. Aging Clinical and Experimental Research, 2021, 33, 521-528.	1.4	3
79	Integrating technical and political views for a sustainable European Distributed Infrastructure on Population Health. Archives of Public Health, 2022, 80, 29.	1.0	3
80	Enhancing Human Biomonitoring Studies through Linkage to Administrative Registers–Status in Europe. International Journal of Environmental Research and Public Health, 2022, 19, 5678.	1.2	3
81	Assessing the quality of risk factor survey data: lessons from the WHO MONICA Project. European Journal of Cardiovascular Prevention and Rehabilitation, 2006, 13, 104-114.	3.1	2
82	How many longitudinal covariate measurements are needed for risk prediction?. Journal of Clinical Epidemiology, 2016, 69, 114-124.	2.4	2
83	Standardization of physical measurements in European health examination surveys—experiences from the site visits. European Journal of Public Health, 2017, 27, ckw271.	0.1	2
84	Validation of non-participation bias methodology based on record-linked Finnish register-based health survey data: a protocol paper. BMJ Open, 2019, 9, e026187.	0.8	2
85	Combining self-reported and objectively measured survey data to improve hypertension prevalence estimates: Portuguese experience. Archives of Public Health, 2021, 79, 45.	1.0	2
86	Assessing the quality of risk factor survey data: lessons from the WHO MONICA Project. European Journal of Cardiovascular Prevention and Rehabilitation, 2006, 13, 104-114.	3.1	2
87	Collecting Valid and Reliable Data: Fieldwork Monitoring Strategies in a Health Examination Survey. Portuguese Journal of Public Health, 2020, 38, 81-90.	1.7	2
88	The InfAct proposal for a sustainable European health information infrastructure on population health: the Distributed Infrastructure on Population Health (DIPoH). Archives of Public Health, 2022, 80, 139.	1.0	2
89	Comparison of metabolic syndrome prevalence using four definitions – a case study from Finland. European Journal of Public Health, 2021, 31, .	0.1	1
90	Metabolic syndrome and endocrine disrupting chemicals: exposure and health effects. European Journal of Public Health, 2020, 30, .	0.1	1

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91	Awareness and treatment of hypertension â€" Results from the EHES Pilot Project. European Journal of Public Health, 2013, 23, .	0.1	0
92	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
93	Do self-reported data accurately measure health inequalities in risk factors for cardiovascular disease?. International Journal of Public Health, 2019, 64, 721-729.	1.0	0
94	Building a sustainable network of health examination surveys through training and mutual learning. European Journal of Public Health, 2019, 29, .	0.1	0
95	Validating record-linkage based methodology for addressing health survey non-participation. European Journal of Public Health, 2019, 29, .	0.1	0
96	Trends in the co-occurrence of cardiovascular risk factors by education in Finland, 1997â€"2017. European Journal of Public Health, 2019, 29, .	0.1	0
97	Challenges to Evidence Synthesis and Identification of Data Gaps in Human Biomonitoring. International Journal of Environmental Research and Public Health, 2021, 18, 2830.	1.2	0
98	Adjustment for survey non-participation using record linkage and multiple imputation: A validity assessment exercise using the Health 2000 survey. Scandinavian Journal of Public Health, 2021, , 140349482110313.	1.2	0
99	Generating knowledge on data collection methods and the availability of health information in Europe. European Journal of Public Health, 2019, 29, .	0.1	0
100	Experiences from the harmonization of Finnish national population-based health survey data. Scandinavian Journal of Public Health, 2021, , 140349482110521.	1.2	0
101	Socio-economic position and burden of ischemic heart disease in Finland in 2017. European Journal of Public Health, 2021, 31, .	0.1	0
102	Health Information Portal - One-stop-shop for health information. European Journal of Public Health, 2021, 31, .	0.1	0
103	The effects of long-term physical activity interventions: Scoping review in the Nordic countries. European Journal of Public Health, 2021, 31, .	0.1	0
104	Bias correction in self-reported high blood pressure prevalence based on objectively measured data. European Journal of Public Health, 2020, 30, .	0.1	0
105	National nodes: a tool to enable efficient work of Distributed Infrastructure on Population Health. European Journal of Public Health, 2020, 30, .	0.1	0
106	Using multiple imputation and intervention-based scenarios to project the mobility of older adults. BMC Geriatrics, 2022, 22, 311.	1.1	0