# Juha Karvanen

## List of Publications by Year
## in descending order

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|---|---|---|---|
| **66** papers | **1,511** citations | 331670 **21** h-index | 345221 **36** g-index |
| **69** all docs | **69** docs citations | **69** times ranked | **3034** citing authors |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 1 | Case-cohort design in practice – experiences from the MORGAM Project. Epidemiologic Perspectives and Innovations, 2007, 4, 15. | 7.0 | 102 |
| 2 | Relative Risks for Stroke by Age, Sex, and Population Based on Follow-Up of 18 European Populations in the MORGAM Project. Stroke, 2009, 40, 2319-2326. | 2.0 | 101 |
| 3 | Gender Differences in Genetic Risk Profiles for Cardiovascular Disease. PLoS ONE, 2008, 3, e3615. | 2.5 | 81 |
| 4 | Genetic Markers Enhance Coronary Risk Prediction in Men: The MORGAM Prospective Cohorts. PLoS ONE, 2012, 7, e40922. | 2.5 | 81 |
| 5 | The impact of newly identified loci on coronary heart disease, stroke and total mortality in the MORGAM prospective cohorts. Genetic Epidemiology, 2009, 33, 237-246. | 1.3 | 77 |
| 6 | Blind separation methods based on Pearson system and its extensions. Signal Processing, 2002, 82, 663-673. | 3.7 | 70 |
| 7 | Genome-Wide Association Study for Incident Myocardial Infarction and Coronary Heart Disease in Prospective Cohort Studies: The CHARGE Consortium. PLoS ONE, 2016, 11, e0144997. | 2.5 | 69 |
| 8 | Trimmed estimators for robust averaging of event-related potentials. Journal of Neuroscience Methods, 2005, 142, 17-26. | 2.5 | 58 |
| 9 | 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. | 1.3 | 50 |
| 10 | 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. | 1.9 | 47 |
| 11 | Physical activity, aerobic fitness, and brain white matter: Their role for executive functions in adolescence. Developmental Cognitive Neuroscience, 2020, 42, 100765. | 4.0 | 45 |
| 12 | Characterizing the generalized lambda distribution by L-moments. Computational Statistics and Data Analysis, 2008, 52, 1971-1983. | 1.2 | 44 |
| 13 | Sublethal Pyrethroid Insecticide Exposure Carries Positive Fitness Effects Over Generations in a Pest Insect. Scientific Reports, 2019, 9, 11320. | 3.3 | 44 |
| 14 | Estimation of quantile mixtures via L-moments and trimmed L-moments. Computational Statistics and Data Analysis, 2006, 51, 947-959. | 1.2 | 42 |
| 15 | Participation rates by educational levels have diverged during 25 years in Finnish health examination surveys. European Journal of Public Health, 2018, 28, 237-243. | 0.3 | 40 |
| 16 | Effectiveness of technology-based distance physical rehabilitation interventions on physical activity and walking in multiple sclerosis: a systematic review and meta-analysis of randomized controlled trials. Disability and Rehabilitation, 2018, 40, 373-387. | 1.8 | 37 |
| 17 | The relation of body mass index and abdominal adiposity with dyslipidemia in 27 general populations of the WHO MONICA Project. Nutrition, Metabolism and Cardiovascular Diseases, 2013, 23, 432-442. | 2.6 | 34 |
| 18 | Effectiveness of technology-based distance interventions promoting physical activity: Systematic review, meta-analysis and meta-regression. Journal of Rehabilitation Medicine, 2017, 49, 97-105. | 1.1 | 30 |

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|---|---------|-----|-----------|
| 19 | The Statistical Basis of Laboratory Data Normalization. Drug Information Journal, 2003, 37, 101-107. | 0.5 | 28 |
| 20 | Harmonising and linking biomedical and clinical data across disparate data archives to enable integrative cross-biobank research. European Journal of Human Genetics, 2016, 24, 521-528. | 2.8 | 27 |
| 21 | Effectiveness of physical activity promoting technology-based distance interventions compared to usual care. Systematic review, meta-analysis and meta-regression. European Journal of Physical and Rehabilitation Medicine, 2017, 53, 953-967. | 2.2 | 27 |
| 22 | Aerobic fitness, but not physical activity, is associated with grey matter volume in adolescents. Behavioural Brain Research, 2019, 362, 122-130. | 2.2 | 27 |
| 23 | ESR1 genetic variants, haplotypes and the risk of coronary heart disease and ischemic stroke in the Finnish population: A prospective follow-up study. Atherosclerosis, 2010, 211, 200-202. | 0.8 | 26 |
| 24 | Adaptive Score Functions for Maximum Likelihood ICA. Journal of Signal Processing Systems, 2002, 32, 83-92. | 1.0 | 24 |
| 25 | Effectiveness of Technology-Based Distance Physical Rehabilitation Interventions for Improving Physical Functioning in Stroke: A Systematic Review and Meta-analysis of Randomized Controlled Trials. Archives of Physical Medicine and Rehabilitation, 2019, 100, 1339-1358. | 0.9 | 24 |
| 26 | Identifying Causal Effects with the <i>R</i> Package <b>causaleffect</b>. Journal of Statistical Software, 2017, 76, . | 3.7 | 20 |
| 27 | Selection bias was reduced by recontacting nonparticipants. Journal of Clinical Epidemiology, 2016, 76, 209-217. | 5.0 | 18 |
| 28 | Visualizing covariates in proportional hazards model. Statistics in Medicine, 2009, 28, 1957-1966. | 1.6 | 17 |
| 29 | Effectiveness of Exergame Intervention on Walking in Older Adults: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. Physical Therapy, 2021, 101, . | 2.4 | 16 |
| 30 | Stroke risk estimation across nine European countries in the MORGAM project. Heart, 2010, 96, 1997-2004. | 2.9 | 15 |
| 31 | Study Design in Causal Models. Scandinavian Journal of Statistics, 2015, 42, 361-377. | 1.4 | 14 |
| 32 | Defining thirds of schooling years in population studies. European Journal of Epidemiology, 2007, 22, 487-492. | 5.7 | 13 |
| 33 | Optimal designs to select individuals for genotyping conditional on observed binary or survival outcomes and non-genetic covariates. Computational Statistics and Data Analysis, 2009, 53, 1782-1793. | 1.2 | 13 |
| 34 | Joint analysis of prevalence and incidence data using conditional likelihood. Biostatistics, 2009, 10, 575-587. | 1.5 | 12 |
| 35 | The value of perfect and imperfect information in lake monitoring and management. Science of the Total Environment, 2020, 726, 138396. | 8.0 | 10 |
| 36 | Spatial ICA of fMRI data in time windows. AIP Conference Proceedings, 2004, , . | 0.4 | 9 |

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|---|---------|-----|-----------|
| 37 | Correcting for non‑ignorable missingness in smoking trends. Stat, 2015, 4, 1-14. | 0.4 | 9 |
| 38 | Follow-Up Data Improve the Estimation of the Prevalence of Heavy Alcohol Consumption. Alcohol and Alcoholism, 2018, 53, 586-596. | 1.6 | 9 |
| 39 | Recommendations for design and analysis of health examination surveys under selective non-participation. European Journal of Public Health, 2019, 29, 8-12. | 0.3 | 9 |
| 40 | Secondary Analysis under Cohort Sampling Designs Using Conditional Likelihood. Journal of Probability and Statistics, 2012, 2012, 1-37. | 0.7 | 8 |
| 41 | Value of information in multiple criteria decision making: an application to forest conservation. Stochastic Environmental Research and Risk Assessment, 2019, 33, 2007-2018. | 4.0 | 7 |
| 42 | Physical activity and aerobic fitness in relation to local and interhemispheric functional connectivity in adolescents' brains. Brain and Behavior, 2021, 11, e01941. | 2.2 | 7 |
| 43 | Independent component analysis via optimum combining of kurtosis and skewness-based criteria. Journal of the Franklin Institute, 2004, 341, 401-418. | 3.4 | 6 |
| 44 | A Resampling Test for the Total Independence of Stationary Time Series: Application to the Performance Evaluation of ICA Algorithms. Neural Processing Letters, 2005, 22, 311-324. | 3.2 | 6 |
| 45 | Experimental designs for binary data in switching measurements on superconducting Josephson junctions. Journal of the Royal Statistical Society Series C: Applied Statistics, 2007, 56, 167-181. | 1.0 | 6 |
| 46 | Survey data and Bayesian analysis: a cost-efficient way to estimate customer equity. Quantitative Marketing and Economics, 2014, 12, 305-329. | 1.5 | 6 |
| 47 | Bayesian models for data missing not at random in health examination surveys. Statistical Modelling, 2018, 18, 113-128. | 1.1 | 5 |
| 48 | Predicting the age at natural menopause in middle-aged women. Menopause, 2021, 28, 792-799. | 2.0 | 5 |
| 49 | Nonparametric Multiple Imputation of Left Censored Event Times in Analysis of Follow-up Data. Journal of Data Science, 2010, 8, 151-172. | 0.9 | 5 |
| 50 | Optimal selection of individuals for repeated covariate measurements in follow-up studies. Statistical Methods in Medical Research, 2016, 25, 2420-2433. | 1.5 | 4 |
| 51 | Estimation of causal effects with small data in the presence of trapdoor variables. Journal of the Royal Statistical Society Series A: Statistics in Society, 2021, 184, 1030. | 1.1 | 4 |
| 52 | Do-search. Epidemiology, 2021, 32, 111-119. | 2.7 | 4 |
| 53 | Surrogate outcomes and transportability. International Journal of Approximate Reasoning, 2019, 108, 21-37. | 3.3 | 3 |
| 54 | How many longitudinal covariate measurements are needed for risk prediction?. Journal of Clinical Epidemiology, 2016, 69, 114-124. | 5.0 | 2 |

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|---|---------|----|-----------|
| 55 | Body weight and premature retirement: population-based evidence from Finland. European Journal of Public Health, 2021, 31, 731-736. | 0.3 | 2 |
| 56 | Efficient initial designs for binary response data. Statistical Methodology, 2008, 5, 462-473. | 0.5 | 1 |
| 57 | Efficient spatial designs using Hausdorff distances and Bayesian optimization. Scandinavian Journal of Statistics, 2022, 49, 1060-1084. | 1.4 | 1 |
| 58 | Unicornâ€"Open science for assessing environmental state, human health and regional economy. Research Ideas and Outcomes, 0, 2, e9232. | 1.0 | 1 |
| 59 | Approximate cost-efficient sequential designs for binary response models with application to switching measurements. Computational Statistics and Data Analysis, 2009, 53, 1167-1176. | 1.2 | 0 |
| 60 | Comment on â€˜Generating survival times to simulate Cox proportional hazards models with time-varying covariatesâ€™. Statistics in Medicine, 2013, 32, 898-898. | 1.6 | 0 |
| 61 | Correction: Correcting for nonâ€ignorable missingness in smoking trends. Stat, 2017, 6, 202-203. | 0.4 | 0 |
| 62 | Prioritizing covariates in the planning of future studies in the metaâ€analytic framework. Biometrical Journal, 2017, 59, 110-125. | 1.0 | 0 |
| 63 | Adjusting for selective non-participation with re-contact data in the FINRISK 2012 survey. Scandinavian Journal of Public Health, 2018, 46, 758-766. | 2.3 | 0 |
| 64 | Non-participation modestly increased with distance to the examination clinic among adults in Finnish health examination surveys. Scandinavian Journal of Public Health, 2018, 46, 752-754. | 2.3 | 0 |
| 65 | Estimating mean lifetime from partially observed events in nuclear physics. Journal of the Royal Statistical Society Series C: Applied Statistics, 0, , . | 1.0 | 0 |
| 66 | Bayesian subcohort selection for longitudinal covariate measurements in followâ€up studies. Statistica Neerlandica, 0, , . | 1.6 | 0 |