Juha Karvanen

List of Publications by Year
in descending order

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	Efficient spatial designs using Hausdorff distances and Bayesian optimization. Scandinavian Journal of Statistics, 2022, 49, 1060-1084.	1.4	1
2	Predicting the age at natural menopause in middle-aged women. Menopause, 2021, 28, 792-799.	2.0	5
3	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
4	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
5	Body weight and premature retirement: population-based evidence from Finland. European Journal of Public Health, 2021, 31, 731-736.	0.3	2
6	Physical activity and aerobic fitness in relation to local and interhemispheric functional connectivity in adolescentsâ€™ brains. Brain and Behavior, 2021, 11, e01941.	2.2	7
7	Do-search. Epidemiology, 2021, 32, 111-119.	2.7	4
8	Physical activity, aerobic fitness, and brain white matter: Their role for executive functions in adolescence. Developmental Cognitive Neuroscience, 2020, 42, 100765.	4.0	45
9	The value of perfect and imperfect information in lake monitoring and management. Science of the Total Environment, 2020, 726, 138396.	8.0	10
10	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
11	Sublethal Pyrethroid Insecticide Exposure Carries Positive Fitness Effects Over Generations in a Pest Insect. Scientific Reports, 2019, 9, 11320.	3.3	44
12	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
13	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
14	Surrogate outcomes and transportability. International Journal of Approximate Reasoning, 2019, 108, 21-37.	3.3	3
15	Aerobic fitness, but not physical activity, is associated with grey matter volume in adolescents. Behavioural Brain Research, 2019, 362, 122-130.	2.2	27
16	Follow-Up Data Improve the Estimation of the Prevalence of Heavy Alcohol Consumption. Alcohol and Alcoholism, 2018, 53, 586-596.	1.6	9
17	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
18	Bayesian models for data missing not at random in health examination surveys. Statistical Modelling, 2018, 18, 113-128.	1.1	5

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19	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
20	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
21	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
22	Correction: Correcting for non‑ignorable missingness in smoking trends. Stat, 2017, 6, 202-203.	0.4	0
23	Prioritizing covariates in the planning of future studies in the meta‑analytic framework. Biometrical Journal, 2017, 59, 110-125.	1.0	0
24	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
25	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
26	Identifying Causal Effects with the <i>R</i> Package causaleffect. Journal of Statistical Software, 2017, 76, .	3.7	20
27	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
28	Systematic handling of missing data in complex study designs â€" experiences from the Health 2000 and 2011 Surveys. Journal of Applied Statistics, 2016, 43, 2772-2790.	1.3	50
29	Selection bias was reduced by recontacting nonparticipants. Journal of Clinical Epidemiology, 2016, 76, 209-217.	5.0	18
30	Optimal selection of individuals for repeated covariate measurements in follow-up studies. Statistical Methods in Medical Research, 2016, 25, 2420-2433.	1.5	4
31	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
32	How many longitudinal covariate measurements are needed for risk prediction?. Journal of Clinical Epidemiology, 2016, 69, 114-124.	5.0	2
33	Correcting for non‑ignorable missingness in smoking trends. Stat, 2015, 4, 1-14.	0.4	9
34	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
35	Study Design in Causal Models. Scandinavian Journal of Statistics, 2015, 42, 361-377.	1.4	14
36	Survey data and Bayesian analysis: a cost-efficient way to estimate customer equity. Quantitative Marketing and Economics, 2014, 12, 305-329.	1.5	6

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37	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
38	Comment on 'Generating survival times to simulate Cox proportional hazards models with time-varying covariates'. Statistics in Medicine, 2013, 32, 898-898.	1.6	0
39	Secondary Analysis under Cohort Sampling Designs Using Conditional Likelihood. Journal of Probability and Statistics, 2012, 2012, 1-37.	0.7	8
40	Genetic Markers Enhance Coronary Risk Prediction in Men: The MORGAM Prospective Cohorts. PLoS ONE, 2012, 7, e40922.	2.5	81
41	Stroke risk estimation across nine European countries in the MORGAM project. Heart, 2010, 96, 1997-2004.	2.9	15
42	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
43	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
44	Joint analysis of prevalence and incidence data using conditional likelihood. Biostatistics, 2009, 10, 575-587.	1.5	12
45	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
46	Visualizing covariates in proportional hazards model. Statistics in Medicine, 2009, 28, 1957-1966.	1.6	17
47	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
48	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
49	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
50	Characterizing the generalized lambda distribution by L-moments. Computational Statistics and Data Analysis, 2008, 52, 1971-1983.	1.2	44
51	Efficient initial designs for binary response data. Statistical Methodology, 2008, 5, 462-473.	0.5	1
52	Gender Differences in Genetic Risk Profiles for Cardiovascular Disease. PLoS ONE, 2008, 3, e3615.	2.5	81
53	Case-cohort design in practice – experiences from the MORGAM Project. Epidemiologic Perspectives and Innovations, 2007, 4, 15.	7.0	102
54	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

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55	Defining thirds of schooling years in population studies. European Journal of Epidemiology, 2007, 22, 487-492.	5.7	13
56	Estimation of quantile mixtures via L-moments and trimmed L-moments. Computational Statistics and Data Analysis, 2006, 51, 947-959.	1.2	42
57	Trimmed estimators for robust averaging of event-related potentials. Journal of Neuroscience Methods, 2005, 142, 17-26.	2.5	58
58	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
59	Spatial ICA of fMRI data in time windows. AIP Conference Proceedings, 2004, , .	0.4	9
60	Independent component analysis via optimum combining of kurtosis and skewness-based criteria. Journal of the Franklin Institute, 2004, 341, 401-418.	3.4	6
61	The Statistical Basis of Laboratory Data Normalization. Drug Information Journal, 2003, 37, 101-107.	0.5	28
62	Blind separation methods based on Pearson system and its extensions. Signal Processing, 2002, 82, 663-673.	3.7	70
63	Adaptive Score Functions for Maximum Likelihood ICA. Journal of Signal Processing Systems, 2002, 32, 83-92.	1.0	24
64	Estimating mean lifetime from partially observed events in nuclear physics. Journal of the Royal Statistical Society Series C: Applied Statistics, 0, , .	1.0	0
65	Unicornâ€"Open science for assessing environmental state, human health and regional economy. Research Ideas and Outcomes, 0, 2, e9232.	1.0	1
66	Bayesian subcohort selection for longitudinal covariate measurements in followâ€up studies. Statistica Neerlandica, 0, , .	1.6	0