

Lasse Holmström

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

1,066
citations

430874

18
h-index

434195

31
g-index

50
all docs

50
docs citations

50
times ranked

1199
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatial and temporal patterns of Holocene precipitation change in the Iberian Peninsula. <i>Boreas</i> , 2022, 51, 776-792.	2.4	16
2	Pollen-based climate reconstruction techniques for late Quaternary studies. <i>Earth-Science Reviews</i> , 2020, 210, 103384.	9.1	123
3	The structure of boreal old-growth forests changes at multiple spatial scales over decades. <i>Landscape Ecology</i> , 2020, 35, 843-858.	4.2	14
4	Early Detection of Change by Applying Scale-Space Methodology to Hyperspectral Images. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 2298.	2.5	0
5	Oceanic and atmospheric modes in the Pacific and Atlantic Oceans since the Little Ice Age (LIA): Towards a synthesis. <i>Quaternary Science Reviews</i> , 2019, 215, 293-307.	3.0	21
6	Integrating fire-scar, charcoal and fungal spore data to study fire events in the boreal forest of northern Europe. <i>Holocene</i> , 2019, 29, 1480-1490.	1.7	24
7	At What Scales and Why Does Forest Structure Vary in Naturally Dynamic Boreal Forests? An Analysis of Forest Landscapes on Two Continents. <i>Ecosystems</i> , 2019, 22, 709-724.	3.4	16
8	A scale space approach for exploring structure in spherical data. <i>Computational Statistics and Data Analysis</i> , 2018, 125, 57-69.	1.2	6
9	Time-varying relationships among oceanic and atmospheric modes: A turning point at around 1940. <i>Quaternary International</i> , 2018, 487, 12-25.	1.5	6
10	Multiscale variation in drought controlled historical forest fire activity in the boreal forests of eastern Fennoscandia. <i>Ecological Monographs</i> , 2018, 88, 74-91.	5.4	25
11	A scale space approach for estimating the characteristic feature sizes in hierarchical signals. <i>Stat</i> , 2018, 7, e195.	0.4	6
12	Modeling probability density through ultraspherical polynomial transformations. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2017, 46, 5879-5900.	1.2	0
13	Multivariate posterior singular spectrum analysis. <i>Statistical Methods and Applications</i> , 2017, 26, 361-382.	1.2	3
14	Accuracy of measurements used to quantify cranial asymmetry in deformatioal plagiocephaly. <i>Journal of Cranio-Maxillo-Facial Surgery</i> , 2017, 45, 1349-1356.	1.7	27
15	Extraction of sea temperature in the Barents Sea by a scale space multiresolution method – prospects for Atlantic salmon. <i>Journal of Applied Statistics</i> , 2017, 44, 2317-2336.	1.3	5
16	Estimation of level set trees using adaptive partitions. <i>Computational Statistics</i> , 2017, 32, 1139-1163.	1.5	3
17	Statistical Scale Space Methods. <i>International Statistical Review</i> , 2017, 85, 1-30.	1.9	16
18	Scale space multiresolution correlation analysis for time series data. <i>Computational Statistics</i> , 2017, 32, 197-218.	1.5	9

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19	Analyzing infant head flatness and asymmetry using kernel density estimation of directional surface data from a craniofacial 3D model. <i>Statistics in Medicine</i> , 2016, 35, 4891-4904.	1.6	13
20	A Bayesian multinomial regression model for palaeoclimate reconstruction with time uncertainty. <i>Environmetrics</i> , 2016, 27, 409-422.	1.4	9
21	The course of positional cranial deformation from 3 to 12 months of age and associated risk factors: a follow-up with 3D imaging. <i>European Journal of Pediatrics</i> , 2016, 175, 1893-1903.	2.7	31
22	East Asian summer monsoon precipitation variations in China over the last 9500 years: A comparison of pollen-based reconstructions and model simulations. <i>Holocene</i> , 2016, 26, 592-602.	1.7	20
23	A Bayesian spatiotemporal model for reconstructing climate from multiple pollen records. <i>Annals of Applied Statistics</i> , 2015, 9, .	1.1	17
24	Bayesian scale space analysis of temporal changes in satellite images. <i>Journal of Applied Statistics</i> , 2015, 42, 50-70.	1.3	9
25	Bayesian LASSO, Scale Space and Decision Making in Association Genetics. <i>PLoS ONE</i> , 2015, 10, e0120017.	2.5	19
26	Comparing Facial 3D Analysis With DNA Testing to Determine Zygosity of Twins. <i>Twin Research and Human Genetics</i> , 2015, 18, 306-313.	0.6	17
27	Bayesian scale space analysis of images. , 2013, , .		0
28	Posterior singular spectrum analysis. <i>Statistical Analysis and Data Mining</i> , 2013, 6, 387-402.	2.8	9
29	A scale space multiresolution method for extraction of time series features. <i>Stat</i> , 2013, 2, 273-291.	0.4	15
30	Comparing different calibration methods (WA/WA-PLS regression and Bayesian modelling) and different-sized calibration sets in pollen-based quantitative climate reconstruction. <i>Holocene</i> , 2012, 22, 413-424.	1.7	39
31	Finding a consensus on credible features among several paleoclimate reconstructions. <i>Annals of Applied Statistics</i> , 2012, 6, .	1.1	6
32	Bayesian Scale Space Analysis of Differences in Images. <i>Technometrics</i> , 2012, 54, 16-29.	1.9	14
33	Discussion of: A statistical analysis of multiple temperature proxies: Are reconstructions of surface temperatures over the last 1000 years reliable?. <i>Annals of Applied Statistics</i> , 2011, 5, .	1.1	2
34	Scale space multiresolution analysis of random signals. <i>Computational Statistics and Data Analysis</i> , 2011, 55, 2840-2855.	1.2	20
35	BSiZer. <i>Wiley Interdisciplinary Reviews: Computational Statistics</i> , 2010, 2, 526-534.	3.9	13
36	Scale space methods. <i>Wiley Interdisciplinary Reviews: Computational Statistics</i> , 2010, 2, 150-159.	3.9	19

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37	Bayesian analysis of features in a scatter plot with dependent observations and errors in predictors. <i>Journal of Statistical Computation and Simulation</i> , 2007, 77, 421-431.	1.2	23
38	Selection of prior distributions and multiscale analysis in Bayesian temperature reconstructions based on fossil assemblages. <i>Journal of Paleolimnology</i> , 2006, 36, 69-80.	1.6	16
39	Temperature patterns over the past eight centuries in Northern Fennoscandia inferred from sedimentary diatoms. <i>Quaternary Research</i> , 2006, 66, 78-86.	1.7	70
40	Bayesian Multiscale Smoothing for Making Inferences About Features in Scatterplots. <i>Journal of Computational and Graphical Statistics</i> , 2005, 14, 569-589.	1.7	57
41	On the estimation error in binned local linear regression. <i>Journal of Nonparametric Statistics</i> , 2003, 15, 625-642.	0.9	2
42	A note on estimating the posterior density of a quantitative trait locus from a Markov chain Monte Carlo sample. <i>Genetic Epidemiology</i> , 2002, 22, 369-376.	1.3	9
43	Making inferences about past environmental change using smoothing in multiple time scales. <i>Computational Statistics and Data Analysis</i> , 2002, 41, 289-309.	1.2	12
44	The Accuracy and the Computational Complexity of a Multivariate Binned Kernel Density Estimator. <i>Journal of Multivariate Analysis</i> , 2000, 72, 264-309.	1.0	22
45	A Quantitative Holocene Climatic Record from Diatoms in Northern Fennoscandia. <i>Quaternary Research</i> , 2000, 54, 284-294.	1.7	177
46	Multivariate Discrimination Methods for Top Quark Analysis. <i>Technometrics</i> , 1997, 39, 91-99.	1.9	3
47	A new multivariate technique for top quark search. <i>Computer Physics Communications</i> , 1995, 88, 195-210.	7.5	24
48	Asymptotic bounds for the expected L1 error of a multivariate kernel density estimator. <i>Journal of Multivariate Analysis</i> , 1992, 42, 245-266.	1.0	20
49	Ray Tracing of Boundary Models with Implicit Blend Surfaces. , 1989, , 253-271.		2
50	Piecewise quadric blending of implicitly defined surfaces. <i>Computer Aided Geometric Design</i> , 1987, 4, 171-189.	1.2	37