

Thordis L Thorarinsdottir

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

1,759
citations

430874

18
h-index

302126

39
g-index

52
all docs

52
docs citations

52
times ranked

1687
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of non-homogeneous regression models for probabilistic wind speed forecasting. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2022, 65, 21206.	1.7	70
2	Forecasting: theory and practice. <i>International Journal of Forecasting</i> , 2022, 38, 705-871.	6.5	256
3	Quantile based modeling of diurnal temperature range with the five-parameter lambda distribution. <i>Environmetrics</i> , 2022, 33, .	1.4	4
4	Multivariate Postprocessing Methods for High-Dimensional Seasonal Weather Forecasts. <i>Journal of the American Statistical Association</i> , 2021, 116, 1048-1059.	3.1	8
5	Predictive Inference Based on Markov Chain Monte Carlo Output. <i>International Statistical Review</i> , 2021, 89, 274-301.	1.9	32
6	Bridging the scale gap: obtaining high-resolution stochastic simulations of gridded daily precipitation in a future climate. <i>Hydrology and Earth System Sciences</i> , 2021, 25, 5259-5275.	4.9	1
7	Consistent intensity-duration-frequency curves by post-processing of estimated Bayesian posterior quantiles. <i>Journal of Hydrology</i> , 2021, 603, 127000.	5.4	12
8	Rapid adjustment and post-processing of temperature forecast trajectories. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2020, 146, 963-978.	2.7	3
9	Estimating Seal Pup Production in The Greenland Sea by Using Bayesian Hierarchical Modelling. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2020, 69, 327-352.	1.0	4
10	Spatial trend analysis of gridded temperature data at varying spatial scales. <i>Advances in Statistical Climatology, Meteorology and Oceanography</i> , 2020, 6, 1-12.	0.9	3
11	Evaluation of CMIP5 and CMIP6 simulations of historical surface air temperature extremes using proper evaluation methods. <i>Environmental Research Letters</i> , 2020, 15, 124041.	5.2	29
12	New Approach for Bias Correction and Stochastic Downscaling of Future Projections for Daily Mean Temperatures to a High-Resolution Grid. <i>Journal of Applied Meteorology and Climatology</i> , 2019, 58, 2617-2632.	1.5	8
13	Evaluation of design flood estimates – a case study for Norway. <i>Hydrology Research</i> , 2018, 49, 450-465.	2.7	18
14	Verification: Assessment of Calibration and Accuracy. , 2018, , 155-186.		14
15	Bayesian Regional Flood Frequency Analysis for Large Catchments. <i>Water Resources Research</i> , 2018, 54, 6929-6947.	4.2	17
16	How to Save Bergen from the Sea? Decisions under Uncertainty. <i>Significance</i> , 2018, 15, 14-18.	0.4	1
17	Forecaster’s Dilemma: Extreme Events and Forecast Evaluation. <i>Statistical Science</i> , 2017, 32, .	2.8	83
18	New vigour involving statisticians to overcome ensemble fatigue. <i>Nature Climate Change</i> , 2017, 7, 697-703.	18.8	31

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19	Sea level adaptation decisions under uncertainty. <i>Water Resources Research</i> , 2017, 53, 8147-8163.	4.2	12
20	Understanding, modeling and predicting weather and climate extremes: Challenges and opportunities. <i>Weather and Climate Extremes</i> , 2017, 18, 65-74.	4.1	178
21	Propagation of rating curve uncertainty in design flood estimation. <i>Water Resources Research</i> , 2016, 52, 6897-6915.	4.2	29
22	Assessing the Calibration of High-Dimensional Ensemble Forecasts Using Rank Histograms. <i>Journal of Computational and Graphical Statistics</i> , 2016, 25, 105-122.	1.7	61
23	Challenges of Climate Change Adaptation. <i>Eos</i> , 2016, , .	0.1	2
24	Gaussian Random Particles with Flexible Hausdorff Dimension. <i>Advances in Applied Probability</i> , 2015, 47, 307-327.	0.7	0
25	Bayesian motion estimation for dust aerosols. <i>Annals of Applied Statistics</i> , 2015, 9, .	1.1	0
26	Gaussian Random Particles with Flexible Hausdorff Dimension. <i>Advances in Applied Probability</i> , 2015, 47, 307-327.	0.7	14
27	Spatial Postprocessing of Ensemble Forecasts for Temperature Using Nonhomogeneous Gaussian Regression. <i>Monthly Weather Review</i> , 2015, 143, 955-971.	1.4	60
28	Bayesian hierarchical modeling of extreme hourly precipitation in Norway. <i>Environmetrics</i> , 2015, 26, 89-106.	1.4	65
29	SHAPE FROM TEXTURE USING LOCALLY SCALED POINT PROCESSES. <i>Image Analysis and Stereology</i> , 2015, 34, 161.	0.9	2
30	Studying Statistical Methodology in Climate Research. <i>Eos</i> , 2014, 95, 129-129.	0.1	0
31	Comments on: Space-time wind speed forecasting for improved power system dispatch. <i>Test</i> , 2014, 23, 32-33.	1.1	0
32	A framework for benchmarking of homogenisation algorithm performance on the global scale. <i>Geoscientific Instrumentation, Methods and Data Systems</i> , 2014, 3, 187-200.	1.6	32
33	Using Proper Divergence Functions to Evaluate Climate Models. <i>SIAM-ASA Journal on Uncertainty Quantification</i> , 2013, 1, 522-534.	2.0	45
34	A note on moving average models for Gaussian random fields. <i>Statistics and Probability Letters</i> , 2013, 83, 850-855.	0.7	6
35	Multivariate probabilistic forecasting using ensemble Bayesian model averaging and copulas. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2013, 139, 982-991.	2.7	86
36	Calibration diagnostics for point process models via the probability integral transform. <i>Stat</i> , 2013, 2, 150-158.	0.4	5

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37	Uncertainty Quantification in Complex Simulation Models Using Ensemble Copula Coupling. <i>Statistical Science</i> , 2013, 28, .	2.8	199
38	What Happened to Discrete Chaos, the Quenouille Process, and the Sharp Markov Property? Some History of Stochastic Point Processes. <i>International Statistical Review</i> , 2012, 80, 253-268.	1.9	5
39	Forecast verification for extreme value distributions with an application to probabilistic peak wind prediction. <i>Environmetrics</i> , 2012, 23, 579-594.	1.4	73
40	Probabilistic Wind Gust Forecasting Using Nonhomogeneous Gaussian Regression. <i>Monthly Weather Review</i> , 2012, 140, 889-897.	1.4	36
41	Bayesian Inference for Non-Markovian Point Processes. <i>Lecture Notes in Statistics</i> , 2012, , 79-102.	0.2	10
42	Ensemble Model Output Statistics for Wind Vectors. <i>Monthly Weather Review</i> , 2012, 140, 3204-3219.	1.4	67
43	Probabilistic Forecasts of Wind Speed: Ensemble Model Output Statistics by using Heteroscedastic Censored Regression. <i>Journal of the Royal Statistical Society Series A: Statistics in Society</i> , 2010, 173, 371-388.	1.1	172
44	A Spatio-Temporal Model for Functional Magnetic Resonance Imaging Data ? with a View to Resting State Networks. <i>Scandinavian Journal of Statistics</i> , 2007, 34, 587-614.	1.4	5
45	BAYESIAN IMAGE RESTORATION, USING CONFIGURATIONS. <i>Image Analysis and Stereology</i> , 2006, 25, 129.	0.9	0