Thordis L Thorarinsdottir

List of Publications by Year
in descending order

45	1,759	430874 18	302126 39
papers	citations	h-index	g-index

52	52	52	1687
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Forecasting: theory and practice. International Journal of Forecasting, 2022, 38, 705-871.	6.5	256
2	Uncertainty Quantification in Complex Simulation Models Using Ensemble Copula Coupling. Statistical Science, 2013, 28, .	2.8	199
3	Understanding, modeling and predicting weather and climate extremes: Challenges and opportunities. Weather and Climate Extremes, 2017, 18, 65-74.	4.1	178
4	Probabilistic Forecasts of Wind Speed: Ensemble Model Output Statistics by using Heteroscedastic Censored Regression. Journal of the Royal Statistical Society Series A: Statistics in Society, 2010, 173, 371-388.	1.1	172
5	Multivariate probabilistic forecasting using ensemble Bayesian model averaging and copulas. Quarterly Journal of the Royal Meteorological Society, 2013, 139, 982-991.	2.7	86
6	Forecasterâ€™s Dilemma: Extreme Events and Forecast Evaluation. Statistical Science, 2017, 32, .	2.8	83
7	Forecast verification for extreme value distributions with an application to probabilistic peak wind prediction. Environmetrics, 2012, 23, 579-594.	1.4	73
8	Comparison of non-homogeneous regression models for probabilistic wind speed forecasting. Tellus, Series A: Dynamic Meteorology and Oceanography, 2022, 65, 21206.	1.7	70
9	Ensemble Model Output Statistics for Wind Vectors. Monthly Weather Review, 2012, 140, 3204-3219.	1.4	67
10	Bayesian hierarchical modeling of extreme hourly precipitation in Norway. Environmetrics, 2015, 26, 89-106.	1.4	65
11	Assessing the Calibration of High-Dimensional Ensemble Forecasts Using Rank Histograms. Journal of Computational and Graphical Statistics, 2016, 25, 105-122.	1.7	61
12	Spatial Postprocessing of Ensemble Forecasts for Temperature Using Nonhomogeneous Gaussian Regression. Monthly Weather Review, 2015, 143, 955-971.	1.4	60
13	Using Proper Divergence Functions to Evaluate Climate Models. SIAM-ASA Journal on Uncertainty Quantification, 2013, 1, 522-534.	2.0	45
14	Probabilistic Wind Gust Forecasting Using Nonhomogeneous Gaussian Regression. Monthly Weather Review, 2012, 140, 889-897.	1.4	36
15	Predictive Inference Based on Markov Chain Monte Carlo Output. International Statistical Review, 2021, 89, 274-301.	1.9	32
16	A framework for benchmarking of homogenisation algorithm performance on the global scale. Geoscientific Instrumentation, Methods and Data Systems, 2014, 3, 187-200.	1.6	32
17	New vigour involving statisticians to overcome ensemble fatigue. Nature Climate Change, 2017, 7, 697-703.	18.8	31
18	Propagation of rating curve uncertainty in design flood estimation. Water Resources Research, 2016, 52, 6897-6915.	4.2	29

#	Article	IF	Citations
19	Evaluation of CMIP5 and CMIP6 simulations of historical surface air temperature extremes using proper evaluation methods. Environmental Research Letters, 2020, 15, 124041.	5.2	29
20	Evaluation of design flood estimates â€“ a case study for Norway. Hydrology Research, 2018, 49, 450-465.	2.7	18
21	Bayesian Regional Flood Frequency Analysis for Large Catchments. Water Resources Research, 2018, 54, 6929-6947.	4.2	17
22	Gaussian Random Particles with Flexible Hausdorff Dimension. Advances in Applied Probability, 2015, 47, 307-327.	0.7	14
23	Verification: Assessment of Calibration and Accuracy. , 2018, , 155-186.		14
24	Sea level adaptation decisions under uncertainty. Water Resources Research, 2017, 53, 8147-8163.	4.2	12
25	Consistent intensity-duration-frequency curves by post-processing of estimated Bayesian posterior quantiles. Journal of Hydrology, 2021, 603, 127000.	5.4	12
26	Bayesian Inference for Non-Markovian Point Processes. Lecture Notes in Statistics, 2012, , 79-102.	0.2	10
27	New Approach for Bias Correction and Stochastic Downscaling of Future Projections for Daily Mean Temperatures to a High-Resolution Grid. Journal of Applied Meteorology and Climatology, 2019, 58, 2617-2632.	1.5	8
28	Multivariate Postprocessing Methods for High-Dimensional Seasonal Weather Forecasts. Journal of the American Statistical Association, 2021, 116, 1048-1059.	3.1	8
29	A note on moving average models for Gaussian random fields. Statistics and Probability Letters, 2013, 83, 850-855.	0.7	6
30	A Spatio-Temporal Model for Functional Magnetic Resonance Imaging Data ? with a View to Resting State Networks. Scandinavian Journal of Statistics, 2007, 34, 587-614.	1.4	5
31	What Happened to Discrete Chaos, the Quenouille Process, and the Sharp Markov Property? Some History of Stochastic Point Processes. International Statistical Review, 2012, 80, 253-268.	1.9	5
32	Calibration diagnostics for point process models via the probability integral transform. Stat, 2013, 2, 150-158.	0.4	5
33	Estimating Seal Pup Production in The Greenland Sea by Using Bayesian Hierarchical Modelling. Journal of the Royal Statistical Society Series C: Applied Statistics, 2020, 69, 327-352.	1.0	4
34	Quantile based modeling of diurnal temperature range with the fiveâ€parameter lambda distribution. Environmetrics, 2022, 33, .	1.4	4
35	Rapid adjustment and postâ€processing of temperature forecast trajectories. Quarterly Journal of the Royal Meteorological Society, 2020, 146, 963-978.	2.7	3
36	Spatial trend analysis of gridded temperature data at varying spatial scales. Advances in Statistical Climatology, Meteorology and Oceanography, 2020, 6, 1-12.	0.9	3

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37	Challenges of Climate Change Adaptation. Eos, 2016, , .	0.1	2
38	SHAPE FROM TEXTURE USING LOCALLY SCALED POINT PROCESSES. Image Analysis and Stereology, 2015, 34, 161.	0.9	2
39	How to Save Bergen from the Sea? Decisions under Uncertainty. Significance, 2018, 15, 14-18.	0.4	1
40	Bridging the scale gap: obtaining high-resolution stochastic simulations of gridded daily precipitation in a future climate. Hydrology and Earth System Sciences, 2021, 25, 5259-5275.	4.9	1
41	Studying Statistical Methodology in Climate Research. Eos, 2014, 95, 129-129.	0.1	0
42	Comments on: Space-time wind speed forecasting for improved power system dispatch. Test, 2014, 23, 32-33.	1.1	0
43	Gaussian Random Particles with Flexible Hausdorff Dimension. Advances in Applied Probability, 2015, 47, 307-327.	0.7	0
44	Bayesian motion estimation for dust aerosols. Annals of Applied Statistics, 2015, 9, .	1.1	0
45	BAYESIAN IMAGE RESTORATION, USING CONFIGURATIONS. Image Analysis and Stereology, 2006, 25, 129.	0.9	0