Nicolai Meinshausen

List of Publications by Year
in descending order

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36 papers	10,628 citations	279798 23 h-index	361022 35 g-index
37 all docs	37 docs citations	37 times ranked	12263 citing authors

#	Article	IF	Citations
1	Conditional variance penalties and domain shift robustness. Machine Learning, 2021, 110, 303-348.	5.4	28
2	Latent Linear Adjustment Autoencoder v1.0: a novel method for estimating and emulating dynamic precipitation at high resolution. Geoscientific Model Development, 2021, 14, 4977-4999.	3.6	4
3	Anchor Regression: Heterogeneous Data Meet Causality. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2021, 83, 215-246.	2.2	30
4	Robust detection of forced warming in the presence of potentially large climate variability. Science Advances, 2021, 7, eabh4429.	10.3	11
5	Climate change now detectable from any single day of weather at global scale. Nature Climate Change, 2020, 10, 35-41.	18.8	154
6	Right Singular Vector Projection Graphs: Fast High Dimensional Covariance Matrix Estimation under Latent Confounding. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2020, 82, 361-389.	2.2	8
7	Late 1980s abrupt cold season temperature change in Europe consistent with circulation variability and long-term warming. Environmental Research Letters, 2020, 15, 094056.	5.2	15
8	The shared socio-economic pathway (SSP) greenhouse gas concentrations and their extensions to 2500. Geoscientific Model Development, 2020, 13, 3571-3605.	3.6	539
9	Uncovering the Forced Climate Response from a Single Ensemble Member Using Statistical Learning. Journal of Climate, 2019, 32, 5677-5699.	3.2	45
10	Causal Dantzig: Fast inference in linear structural equation models with hidden variables under additive interventions. Annals of Statistics, 2019, 47, .	2.6	10
11	Causal Structure Learning. Annual Review of Statistics and Its Application, 2018, 5, 371-391.	7.0	80
12	Preserving privacy between features in distributed estimation. Stat, 2018, 7, e189.	0.4	3
13	CAUSALITY FROM A DISTRIBUTIONAL ROBUSTNESS POINT OF VIEW. , 2018, , .		20
14	Historical greenhouse gas concentrations for climate modelling (CMIP6). Geoscientific Model Development, 2017, 10, 2057-2116.	3.6	350
15	Methods for causal inference from gene perturbation experiments and validation. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 7361-7368.	7.1	91
16	Causal Inference by using Invariant Prediction: Identification and Confidence Intervals. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2016, 78, 947-1012.	2.2	251
17	A multi-marker association method for genome-wide association studies without the need for population structure correction. Nature Communications, 2016, 7, 13299.	12.8	35
18	High-Dimensional Inference: Confidence Intervals, p-Values and R-Software hdi. Statistical Science, 2015, 30, .	2.8	128

#	Article	IF	Citations
19	Group Bound: Confidence Intervals for Groups of Variables in Sparse High Dimensional Regression Without Assumptions on the Design. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2015, 77, 923-945.	2.2	16
20	Sparse distance metric learning. Computational Statistics, 2014, 29, 515-528.	1.5	1
21	LASSO Isotone for High-Dimensional Additive Isotonic Regression. Journal of Computational and Graphical Statistics, 2012, 21, 72-91.	1.7	12
22	Broad range of 2050 warming from an observationally constrained large climate model ensemble. Nature Geoscience, 2012, 5, 256-260.	12.9	109
23	Asymptotic optimality of the Westfallâ€“Young permutation procedure for multiple testing under dependence. Annals of Statistics, 2011, 39, .	2.6	38
24	Partition Maps. Journal of Computational and Graphical Statistics, 2011, 20, 1007-1028.	1.7	3
25	Stability Selection. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2010, 72, 417-473.	2.2	1,578
26	The exit strategy. Nature Climate Change, 2009, 1, 56-58.	18.8	24
27	Greenhouse-gas emission targets for limiting global warming to 2â€‰Â°C. Nature, 2009, 458, 1158-1162.	27.8	2,245
28	Warming caused by cumulative carbon emissions towards the trillionth tonne. Nature, 2009, 458, 1163-1166.	27.8	1,282
29	Lasso-type recovery of sparse representations for high-dimensional data. Annals of Statistics, 2009, 37, .	2.6	475
30	p-Values for High-Dimensional Regression. Journal of the American Statistical Association, 2009, 104, 1671-1681.	3.1	295
31	A note on the Lasso for Gaussian graphical model selection. Statistics and Probability Letters, 2008, 78, 880-884.	0.7	41
32	Relaxed Lasso. Computational Statistics and Data Analysis, 2007, 52, 374-393.	1.2	372
33	Estimating the proportion of false null hypotheses among a large number of independently tested hypotheses. Annals of Statistics, 2006, 34, 373.	2.6	133
34	High-dimensional graphs and variable selection with the Lasso. Annals of Statistics, 2006, 34, 1436.	2.6	2,123
35	False Discovery Control for Multiple Tests of Association Under General Dependence. Scandinavian Journal of Statistics, 2006, 33, 227-237.	1.4	37
36	Lower bounds for the number of false null hypotheses for multiple testing of associations under general dependence structures. Biometrika, 2005, 92, 893-907.	2.4	28