Philipp Otto

List of Publications by Year in descending order

21 papers	**112** citations
1683934 **5** h-index	1372474 **10** g-index
23 all docs	**23** docs citations
23 times ranked	**47** citing authors

#	Article	IF	Citations
1	Generalised spatial and spatiotemporal autoregressive conditional heteroscedasticity. Spatial Statistics, 2018, 26, 125-145.	0.9	30
2	Spatiotemporal variable selection and air quality impact assessment of COVID-19 lockdown. Spatial Statistics, 2022, 49, 100549.	0.9	12
3	Spatiotemporal analysis of German real-estate prices. Annals of Regional Science, 2018, 60, 41-72.	1.0	11
4	Control charts for multivariate spatial autoregressive models. AStA Advances in Statistical Analysis, 2017, 101, 67-94.	0.4	8
5	Estimation of Anisotropic, Time‐Varying Spatial Spillovers of Fine Particulate Matter Due to Wind Direction. Geographical Analysis, 2020, 52, 254-277.	1.9	7
6	Detection of spatial change points in the mean and covariances of multivariate simultaneous autoregressive models. Biometrical Journal, 2016, 58, 1113-1137.	0.6	6
7	Stochastic properties of spatial and spatiotemporal ARCH models. Statistical Papers, 2021, 62, 623-638.	0.7	6
8	spGARCH: An R-Package for Spatial and Spatiotemporal ARCH and GARCH models. R Journal, 2019, 11, 401.	0.7	6
9	Estimation of the spatial weighting matrix for regular lattice data—An adaptive lasso approach with cross‐sectional resampling. Environmetrics, 2022, 33, e2705.	0.6	5
10	The Helsinki Bike-Sharing System—Insights Gained from a Spatiotemporal Functional Model. Journal of the Royal Statistical Society Series A: Statistics in Society, 2022, 185, 1294-1318.	0.6	5
11	Statistical analysis of beach profiles – A spatiotemporal functional approach. Coastal Engineering, 2021, 170, 103999.	1.7	4
12	Directional spatial autoregressive dependence in the conditional first- and second-order moments. Spatial Statistics, 2021, 41, 100490.	0.9	3
13	Online network monitoring. Statistical Methods and Applications, 2021, , 1-28.	0.7	3
14	Simultaneous Surveillance of Means and Covariances of Spatial Models. Springer Proceedings in Mathematics and Statistics, 2015, , 271-281.	0.1	2
15	Discussion of "Statistical methods for network surveillance"·by Daniel Jeske, Nathaniel Stevens, Alexander Tartakovsky, and James Wilson. Applied Stochastic Models in Business and Industry, 2018, 34, 452-456.	0.9	1
16	A note on efficient simulation of multidimensional spatial autoregressive processes. Communications in Statistics Part B: Simulation and Computation, 2017, 46, 4547-4558.	0.6	0
17	Arbeitsbuch der Angewandten Statistik. , 2017, , .		0
18	Spatiotemporal procedures for the statistical surveillance of spatial autoregressive models with heavy tails. Communications in Statistics Part B: Simulation and Computation, 2020, , 1-29.	0.6	0

#	Article	IF	Citations
19	Parallelized Monitoring of Dependent Spatiotemporal Processes. , 2021, , 165-183.		0
20	Modeling Spatial Dependence in Local Risks and Uncertainties. , 2019, , .		0
21	Spatial Statistics, or How to Extract Knowledge from Data. , 2021, , 399-426.		0