

Geir-Arne Fuglstad

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

765
citations

933447

10
h-index

940533

16
g-index

17
all docs

17
docs citations

17
times ranked

1482
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatial modeling with INLA: A review. Wiley Interdisciplinary Reviews: Computational Statistics, 2018, 10, e1443.	3.9	210
2	Constructing Priors that Penalize the Complexity of Gaussian Random Fields. Journal of the American Statistical Association, 2019, 114, 445-452.	3.1	195
3	Does non-stationary spatial data always require non-stationary random fields?. Spatial Statistics, 2015, 14, 505-531.	1.9	71
4	Predicting soil properties in the Canadian boreal forest with limited data: Comparison of spatial and non-spatial statistical approaches. Geoderma, 2017, 306, 195-205.	5.1	56
5	Landscape relatedness: detecting contemporary fine-scale spatial structure in wild populations. Landscape Ecology, 2017, 32, 181-194.	4.2	48
6	Assessing comorbidity and correlates of wasting and stunting among children in Somalia using cross-sectional household surveys: 2007 to 2010. BMJ Open, 2016, 6, e009854.	1.9	42
7	Predominant regional biophysical cooling from recent land cover changes in Europe. Nature Communications, 2020, 11, 1066.	12.8	38
8	Estimating under-five mortality in space and time in a developing world context. Statistical Methods in Medical Research, 2019, 28, 2614-2634.	1.5	35
9	Intuitive Joint Priors for Variance Parameters. Bayesian Analysis, 2020, 15, .	3.0	15
10	Exploring a New Class of Non-stationary Spatial Gaussian Random Fields with Varying Local Anisotropy. Statistica Sinica, 2014, , .	0.3	15
11	Design- and Model-Based Approaches to Small-Area Estimation in a Low- and Middle-Income Country Context: Comparisons and Recommendations. Journal of Survey Statistics and Methodology, 2022, 10, 50-80.	1.2	11
12	Environmental mapping using Bayesian spatial modelling (INLA/SPDE): A reply to Huang et al. (2017). Science of the Total Environment, 2018, 624, 596-598.	8.0	9
13	Compression of climate simulations with a nonstationary global SpatioTemporal SPDE model. Annals of Applied Statistics, 2020, 14, .	1.1	8
14	Robust modeling of additive and nonadditive variation with intuitive inclusion of expert knowledge. Genetics, 2021, 217, .	2.9	4
15	A stochastic locally diffusive model with neural network-based deformations for global sea surface temperature. Stat, 2022, 11, e431.	0.4	3
16	Bayesian multiresolution modeling of georeferenced data: An extension of "LatticeKrig". Computational Statistics and Data Analysis, 2022, 173, 107503.	1.2	1