

Murali Haran

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

1,694
citations

361413

20
h-index

315739

38
g-index

42
all docs

42
docs citations

42
times ranked

2090
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling the Social and Spatial Proximity of Crime: Domestic and Sexual Violence Across Neighborhoods. <i>Journal of Quantitative Criminology</i> , 2021, 37, 481-516.	2.9	12
2	Reduced-Dimensional Monte Carlo Maximum Likelihood for Latent Gaussian Random Field Models. <i>Journal of Computational and Graphical Statistics</i> , 2021, 30, 269-283.	1.7	3
3	Strategic testing approaches for targeted disease monitoring can be used to inform pandemic decision-making. <i>PLoS Biology</i> , 2021, 19, e3001307.	5.6	9
4	A Function Emulation Approach for Doubly Intractable Distributions. <i>Journal of Computational and Graphical Statistics</i> , 2020, 29, 66-77.	1.7	5
5	<i>Paenibacillus</i> infection with frequent viral coinfection contributes to postinfectious hydrocephalus in Ugandan infants. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	39
6	Quantifying spatio-temporal variation of invasion spread. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20182294.	2.6	10
7	Inferring ice thickness from a glacier dynamics model and multiple surface data sets. <i>Environmetrics</i> , 2018, 29, e2460.	1.4	5
8	Bayesian Inference in the Presence of Intractable Normalizing Functions. <i>Journal of the American Statistical Association</i> , 2018, 113, 1372-1390.	3.1	36
9	A spatially varying stochastic differential equation model for animal movement. <i>Annals of Applied Statistics</i> , 2018, 12, .	1.1	14
10	A Computationally Efficient Projection-Based Approach for Spatial Generalized Linear Mixed Models. <i>Journal of Computational and Graphical Statistics</i> , 2018, 27, 701-714.	1.7	17
11	An ensemble approach to predicting the impact of vaccination on rotavirus disease in Niger. <i>Vaccine</i> , 2017, 35, 5835-5841.	3.8	17
12	Multidecadal Scale Detection Time for Potentially Increasing Atlantic Storm Surges in a Warming Climate. <i>Geophysical Research Letters</i> , 2017, 44, 10,617.	4.0	24
13	Large ensemble modeling of the last deglacial retreat of the West Antarctic Ice Sheet: comparison of simple and advanced statistical techniques. <i>Geoscientific Model Development</i> , 2016, 9, 1697-1723.	3.6	69
14	Improving ice sheet model calibration using paleoclimate and modern data. <i>Annals of Applied Statistics</i> , 2016, 10, .	1.1	11
15	Calibrating an Ice Sheet Model Using High-Dimensional Binary Spatial Data. <i>Journal of the American Statistical Association</i> , 2016, 111, 57-72.	3.1	37
16	Dynamic Models of Animal Movement with Spatial Point Process Interactions. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2016, 21, 22-40.	1.4	19
17	An Attraction–Repulsion Point Process Model for Respiratory Syncytial Virus Infections. <i>Biometrics</i> , 2015, 71, 376-385.	1.4	14
18	On Discriminating between GCM Forcing Configurations Using Bayesian Reconstructions of Late-Holocene Temperatures*. <i>Journal of Climate</i> , 2015, 28, 8264-8281.	3.2	7

#	ARTICLE	IF	CITATIONS
19	Automated Factor Slice Sampling. <i>Journal of Computational and Graphical Statistics</i> , 2014, 23, 543-563.	1.7	31
20	Emulating a Gravity Model to Infer the Spatiotemporal Dynamics of an Infectious Disease. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2014, 63, 423-444.	1.0	35
21	Uncertainty analysis in climate change assessments. <i>Nature Climate Change</i> , 2013, 3, 769-771.	18.8	56
22	Dimension Reduction and Alleviation of Confounding for Spatial Generalized Linear Mixed Models. <i>Journal of the Royal Statistical Society Series B: Statistical Methodology</i> , 2013, 75, 139-159.	2.2	229
23	A Compartmental Model for Meningitis: Separating Transmission From Climate Effects on Disease Incidence. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2012, 17, 395-416.	1.4	5
24	Comment on the Mechanistic Modeling and Inference for Cell Motility by Manolopoulou et al.. <i>Journal of the American Statistical Association</i> , 2012, 107, 869-871.	3.1	0
25	Piecing together the past: statistical insights into paleoclimatic reconstructions. <i>Quaternary Science Reviews</i> , 2012, 35, 1-22.	3.0	163
26	A climate sensitivity estimate using Bayesian fusion of instrumental observations and an Earth System model. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	62
27	Inferring likelihoods and climate system characteristics from climate models and multiple tracers. <i>Environmetrics</i> , 2012, 23, 345-362.	1.4	24
28	A two-stage model for incidence and prevalence in point-level spatial count data. <i>Environmetrics</i> , 2012, 23, 162-174.	1.4	14
29	Social Capital and Human Mortality: Explaining the Rural Paradox with County-Level Mortality Data. <i>Rural Sociology</i> , 2011, 76, 347-374.	2.2	53
30	Parallel multivariate slice sampling. <i>Statistics and Computing</i> , 2011, 21, 415-430.	1.5	22
31	Climate Projections Using Bayesian Model Averaging and Space-Time Dependence. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2011, 16, 606-628.	1.4	36
32	Guest Editors'™ Introduction to the Special Issue on "Computer Models and Spatial Statistics for Environmental Science". <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2011, 16, 451-452.	1.4	0
33	Autologistic models for binary data on a lattice. <i>Environmetrics</i> , 2011, 22, 857-871.	1.4	56
34	Gaussian Random Field Models for Spatial Data. <i>Chapman & Hall/CRC Interdisciplinary Statistics Series</i> , 2011, , 449-478.	0.4	29
35	Estimating the Risk of a Crop Epidemic From Coincident Spatio-temporal Processes. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2010, 15, 158-175.	1.4	7
36	What is the skill of ocean tracers in reducing uncertainties about ocean diapycnal mixing and projections of the Atlantic Meridional Overturning Circulation?. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	28

#	ARTICLE	IF	CITATIONS
37	The Impacts of Social Capital on Infant Mortality in the U.S.: A Spatial Investigation. Applied Spatial Analysis and Policy, 2009, 2, 211-227.	2.0	35
38	Markov Chain Monte Carlo: Can We Trust the Third Significant Figure?. Statistical Science, 2008, 23, .	2.8	227
39	Fixed-Width Output Analysis for Markov Chain Monte Carlo. Journal of the American Statistical Association, 2006, 101, 1537-1547.	3.1	212
40	Accelerating Computation in Markov Random Field Models for Spatial Data via Structured MCMC. Journal of Computational and Graphical Statistics, 2003, 12, 249-264.	1.7	17
41	PICAR: An Efficient Extendable Approach for Fitting Hierarchical Spatial Models. Technometrics, 0, , 1-29.	1.9	5