Sujit K Sahu

List of Publications by Year
in descending order

27 papers	1,298 citations	567281 15 h-index	526287 27 g-index
29 all docs	29 docs citations	29 times ranked	1210 citing authors

#	Article	IF	Citations
1	Bayesian spatio-temporal joint disease mapping of Covid-19 cases and deaths in local authorities of England. Spatial Statistics, 2022, 49, 100519.	1.9	19
2	Editorial: Spatio-temporal dynamics of Covid. Spatial Statistics, 2022, , 100588.	1.9	1
3	A full Bayesian implementation of a generalized partial credit model with an application to an international disability survey. Journal of the Royal Statistical Society Series C: Applied Statistics, 2020, 69, 131-150.	1.0	1
4	A Bayesian perspective of statistical machine learning for big data. Computational Statistics, 2020, 35, 893-930.	1.5	15
5	Dynamically Updated Spatially Varying Parameterizations of Hierarchical Bayesian Models for Spatial Data. Journal of Computational and Graphical Statistics, 2019, 28, 105-116.	1.7	3
6	A Bayesian Spatiotemporal Model to Estimate Long-Term Exposure to Outdoor Air Pollution at Coarser Administrative Geographies in England and Wales. Journal of the Royal Statistical Society Series A: Statistics in Society, 2018, 181, 465-486.	1.1	24
7	A rigorous statistical framework for spatio-temporal pollution prediction and estimation of its long-term impact on health. Biostatistics, 2017, 18, kxw048.	1.5	20
8	A comparison of centring parameterisations of Gaussian process-based models for Bayesian computation using MCMC. Statistics and Computing, 2017, 27, 1491-1512.	1.5	6
9	Modelling macronutrient dynamics in the Hampshire Avon river: A Bayesian approach to estimate seasonal variability and total flux. Science of the Total Environment, 2016, 572, 1449-1460.	8.0	7
10	A probabilistic predictive Bayesian approach for determining the representativeness of health and demographic surveillance networks. Spatial Statistics, 2016, 17, 161-178.	1.9	5
11	A Hierarchical Bayesian Model for Improving Short-Term Forecasting of Hospital Demand by Including Meteorological Information. Journal of the Royal Statistical Society Series A: Statistics in Society, 2014, 177, 39-61.	1.1	17
12	A Bayesian localized conditional autoregressive model for estimating the health effects of air pollution. Biometrics, 2014, 70, 419-429.	1.4	56
13	On the effect of preferential sampling in spatial‰prediction. Environmetrics, 2012, 23, 565-578.	1.4	49
14	A fast Bayesian method for updating and forecasting hourly ozone levels. Environmental and Ecological Statistics, 2011, 18, 185-207.	3.5	15
15	Fusing Point and Areal Level Space–Time Data with Application to Wet Deposition. Journal of the Royal Statistical Society Series C: Applied Statistics, 2010, 59, 77-103.	1.0	51
16	An evaluation of European air pollution regulations for particulate matter monitored from a heterogeneous network. Environmetrics, 2009, 20, 943-961.	1.4	4
17	Improved space–time forecasting of next day ozone concentrations in the eastern US. Atmospheric Environment, 2009, 43, 494-501.	4.1	40
18	A space–time model for joint modeling of ocean temperature and salinity levels as measured by Argo floats. Environmetrics, 2008, 19, 509-528.	1.4	9

#	Article	IF	Citations
19	High-Resolution Space–Time Ozone Modeling for Assessing Trends. Journal of the American Statistical Association, 2007, 102, 1221-1234.	3.1	87
20	Spatio-temporal modeling of fine particulate matter. Journal of Agricultural, Biological, and Environmental Statistics, 2006, 11, 61-86.	1.4	84
21	Approximate Predetermined Convergence Properties of the Gibbs Sampler. Journal of Computational and Graphical Statistics, 2001, 10, 216-229.	1.7	11
22	Identifiability, Improper Priors, and Gibbs Sampling for Generalized Linear Models. Journal of the American Statistical Association, 1999, 94, 247-253.	3.1	180
23	On convergence of the EM algorithmand the Gibbs sampler. Statistics and Computing, 1999, 9, 55-64.	1.5	29
24	Identifiability, Improper Priors, and Gibbs Sampling for Generalized Linear Models. Journal of the American Statistical Association, 1999, 94, 247.	3.1	44
25	Adaptive Markov Chain Monte Carlo through Regeneration. Journal of the American Statistical Association, 1998, 93, 1045-1054.	3.1	187
26	Adaptive Markov Chain Monte Carlo through Regeneration. Journal of the American Statistical Association, 1998, 93, 1045.	3.1	54
27	Efficient parametrisations for normal linear mixed models. Biometrika, 1995, 82, 479-488.	2.4	280