Sujit K Sahu

List of Publications by Year
in descending order

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27	1,298	567281 15	526287 27
papers	citations	h-index	g-index

29	29	29	1210
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Efficient parametrisations for normal linear mixed models. Biometrika, 1995, 82, 479-488.	2.4	280
2	Adaptive Markov Chain Monte Carlo through Regeneration. Journal of the American Statistical Association, 1998, 93, 1045-1054.	3.1	187
3	Identifiability, Improper Priors, and Gibbs Sampling for Generalized Linear Models. Journal of the American Statistical Association, 1999, 94, 247-253.	3.1	180
4	High-Resolution Spaceâ€“Time Ozone Modeling for Assessing Trends. Journal of the American Statistical Association, 2007, 102, 1221-1234.	3.1	87
5	Spatio-temporal modeling of fine particulate matter. Journal of Agricultural, Biological, and Environmental Statistics, 2006, 11, 61-86.	1.4	84
6	A Bayesian localized conditional autoregressive model for estimating the health effects of air pollution. Biometrics, 2014, 70, 419-429.	1.4	56
7	Adaptive Markov Chain Monte Carlo through Regeneration. Journal of the American Statistical Association, 1998, 93, 1045.	3.1	54
8	Fusing Point and Areal Level Spaceâ€“Time Data with Application to Wet Deposition. Journal of the Royal Statistical Society Series C: Applied Statistics, 2010, 59, 77-103.	1.0	51
9	On the effect of preferential sampling in spatialâ€‰prediction. Environmetrics, 2012, 23, 565-578.	1.4	49
10	Identifiability, Improper Priors, and Gibbs Sampling for Generalized Linear Models. Journal of the American Statistical Association, 1999, 94, 247.	3.1	44
11	Improved spaceâ€“time forecasting of next day ozone concentrations in the eastern US. Atmospheric Environment, 2009, 43, 494-501.	4.1	40
12	On convergence of the EM algorithmand the Gibbs sampler. Statistics and Computing, 1999, 9, 55-64.	1.5	29
13	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
14	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
15	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
16	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
17	A fast Bayesian method for updating and forecasting hourly ozone levels. Environmental and Ecological Statistics, 2011, 18, 185-207.	3.5	15
18	A Bayesian perspective of statistical machine learning for big data. Computational Statistics, 2020, 35, 893-930.	1.5	15

#	Article	IF	Citations
19	Approximate Predetermined Convergence Properties of the Gibbs Sampler. Journal of Computational and Graphical Statistics, 2001, 10, 216-229.	1.7	11
20	A spaceâ€time model for joint modeling of ocean temperature and salinity levels as measured by Argo floats. Environmetrics, 2008, 19, 509-528.	1.4	9
21	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
22	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
23	A probabilistic predictive Bayesian approach for determining the representativeness of health and demographic surveillance networks. Spatial Statistics, 2016, 17, 161-178.	1.9	5
24	An evaluation of European air pollution regulations for particulate matter monitored from a heterogeneous network. Environmetrics, 2009, 20, 943-961.	1.4	4
25	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
26	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
27	Editorial: Spatio-temporal dynamics of Covid. Spatial Statistics, 2022, , 100588.	1.9	1