

# Balgobin Nandram

## List of Publications by Year in descending order

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Version: 2024-02-01

57  
papers

711  
citations

623734

14  
h-index

610901

24  
g-index

57  
all docs

57  
docs citations

57  
times ranked

375  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reparameterizing the generalized linear model to accelerate gibbs sampler convergence. Journal of Statistical Computation and Simulation, 1996, 54, 129-144.	1.2	81
2	Small area estimation of general parameters with application to poverty indicators: A hierarchical Bayes approach. Annals of Applied Statistics, 2014, 8, .	1.1	75
3	BAYESIAN ANALYSIS FOR A SINGLE 2 <sup>2</sup> -TABLE. Statistics in Medicine, 1997, 16, 1311-1328.	1.6	43
4	Hierarchical Bayesian Nonresponse Models for Binary Data From Small Areas With Uncertainty About Ignorability. Journal of the American Statistical Association, 2002, 97, 381-388.	3.1	35
5	Collimator optimization for lesion detection incorporating prior information about lesion size. Medical Physics, 1995, 22, 703-713.	3.0	31
6	Bayesian Analysis and Mapping of Mortality Rates for Chronic Obstructive Pulmonary Disease. Journal of the American Statistical Association, 2000, 95, 1110-1118.	3.1	31
7	A Bayesian Analysis of Body Mass Index Data From Small Domains Under Nonignorable Nonresponse and Selection. Journal of the American Statistical Association, 2010, 105, 120-135.	3.1	31
8	A Bayesian Approach to Estimating Agricultural Yield Based on Multiple Repeated Surveys. Journal of Agricultural, Biological, and Environmental Statistics, 2012, 17, 84-106.	1.4	23
9	A hierarchical Bayesian model for forecasting state-level corn yield. Environmental and Ecological Statistics, 2014, 21, 507-530.	3.5	23
10	Model-based county level crop estimates incorporating auxiliary sources of information. Journal of the Royal Statistical Society Series A: Statistics in Society, 2019, 182, 283-303.	1.1	22
11	A bayesian analysis of the three-stage hierarchical multinomial model. Journal of Statistical Computation and Simulation, 1998, 61, 97-126.	1.2	20
12	A Bayesian Analysis of Autoregressive Time Series Panel Data. Journal of Business and Economic Statistics, 1997, 15, 328-334.	2.9	19
13	A Bayesian Analysis of Autoregressive Time Series Panel Data. Journal of Business and Economic Statistics, 1997, 15, 328.	2.9	17
14	Order-Restricted Bayesian Estimation of the Age Composition of a Population of Atlantic Cod. Journal of the American Statistical Association, 1997, 92, 33-40.	3.1	15
15	Bayesian inference for multinomial populations under stochastic ordering. Journal of Statistical Computation and Simulation, 1996, 54, 145-163.	1.2	14
16	An empirical bayes estimator of seismic events using wavelet packet bases. Journal of Agricultural, Biological, and Environmental Statistics, 2001, 6, 379-406.	1.4	14
17	A Bayesian analysis of a proportion under non-ignorable non-response. Statistics in Medicine, 2002, 21, 1189-1212.	1.6	14
18	Statistical Challenges in Combining Survey and Auxiliary Data to Produce Official Statistics. Journal of Official Statistics, 2020, 36, 63-88.	0.4	12

#	ARTICLE	IF	CITATIONS
19	Modeling heavy-tailed correlated noise with wavelet packet basis functions. <i>Journal of Statistical Planning and Inference</i> , 2003, 112, 99-114.	0.6	11
20	Alternative Tests of Independence in Two-Way Categorical Tables. <i>Journal of Data Science</i> , 2007, 5, 217-237.	0.9	11
21	Bayesian non-response models for categorical data from small areas: an application to BMD and age. <i>Statistics in Medicine</i> , 2005, 24, 1047-1074.	1.6	10
22	A Bayesian predictive inference for small area means incorporating covariates and sampling weights. <i>Journal of Statistical Planning and Inference</i> , 2010, 140, 2963-2979.	0.6	10
23	Bayesian predictive inference of a finite population proportion under selection bias. <i>Statistical Methodology</i> , 2013, 11, 1-21.	0.5	10
24	A likelihood ratio test of quasi-independence for sparse two-way contingency tables. <i>Journal of Statistical Computation and Simulation</i> , 2015, 85, 284-304.	1.2	10
25	A nonparametric Bayesian prediction interval for a finite population mean. <i>Journal of Statistical Computation and Simulation</i> , 2016, 86, 3141-3157.	1.2	10
26	Marginal Likelihood for a Class of Bayesian Generalized Linear Models. <i>Journal of Statistical Computation and Simulation</i> , 2002, 72, 319-340.	1.2	9
27	Bayesian Analysis and Mapping of Mortality Rates for Chronic Obstructive Pulmonary Disease. <i>Journal of the American Statistical Association</i> , 2000, 95, 1110.	3.1	9
28	A Bayesian benchmarking of the Scott's Smith model for small areas. <i>Journal of Statistical Computation and Simulation</i> , 2011, 81, 1593-1608.	1.2	8
29	A Bayesian test of independence in a two-way contingency table using surrogate sampling. <i>Journal of Statistical Planning and Inference</i> , 2013, 143, 1392-1408.	0.6	8
30	Nonparametric Bayesian analysis of a proportion for a small area under nonignorable nonresponse. <i>Journal of Nonparametric Statistics</i> , 2004, 16, 821-839.	0.9	7
31	Bayesian analysis of a two-way categorical table incorporating intraclass correlation. <i>Journal of Statistical Computation and Simulation</i> , 2006, 76, 233-249.	1.2	7
32	Monetary unit sampling: Improving estimation of the total audit error. <i>Advances in Accounting</i> , 2009, 25, 174-182.	1.0	7
33	Bayesian predictive inference under informative sampling and transformation. <i>Applied Stochastic Models in Business and Industry</i> , 2006, 22, 559-572.	1.5	6
34	Benchmarking a triplet of official estimates. <i>Environmental and Ecological Statistics</i> , 2018, 25, 523-547.	3.5	6
35	Small area estimation of receiver operating characteristic curves for ordinal data under stochastic ordering. <i>Statistics in Medicine</i> , 2020, 39, 1514-1528.	1.6	6
36	Bayesian Predictive Inference of a Proportion Under a Twofold Small-Area Model. <i>Journal of Official Statistics</i> , 2016, 32, 187-208.	0.4	6

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37	Bayesian predictive inference under a Dirichlet process with sensitivity to the normal baseline. <i>Statistical Methodology</i> , 2016, 28, 1-17.	0.5	5
38	Bayesian Inference for the Best Ordinal Multinomial Population in a Taste Test. <i>Lecture Notes in Statistics</i> , 1997, , 399-418.	0.2	5
39	A rank-based analysis of one-way repeated measures designs with a changing covariate. <i>Journal of Statistical Planning and Inference</i> , 1995, 46, 249-263.	0.6	4
40	A pooled Bayes test of independence for sparse contingency tables from small areas. <i>Journal of Statistical Computation and Simulation</i> , 2019, 89, 899-926.	1.2	4
41	Predicting incidence and asymptomatic rates for chlamydia in small domains. <i>Journal of Advanced Nursing</i> , 2010, 66, 2650-2658.	3.3	3
42	Bayesian analysis of a ROC curve for categorical data using a skew-binormal model. <i>Statistics and Its Interface</i> , 2018, 11, 369-384.	0.3	3
43	Bayesian Inference of the Cell Probabilities of a Two-Way Categorical Table Under Non Ignorability. <i>Communications in Statistics - Theory and Methods</i> , 2009, 38, 3015-3030.	1.0	2
44	Tests of Independence for a 2 times 2 Contingency Table with Random Margins. <i>International Journal of Statistics and Probability</i> , 2017, 6, 106.	0.3	2
45	Bayesian testing for independence of two categorical variables under two-stage cluster sampling with covariates. <i>Journal of Applied Statistics</i> , 2018, 45, 2365-2393.	1.3	2
46	Bayesian inference on contingency tables with uncertainty about independence for small areas. <i>Journal of Applied Statistics</i> , 2018, 45, 2145-2163.	1.3	2
47	A Bayesian Adjustment of the HP Law via a Switching Nonlinear Regression Model. <i>Journal of Data Science</i> , 2013, 11, 85-108.	0.9	2
48	A Comparison of the Posterior Choropleth Maps for Disease Mapping. <i>Journal of Data Science</i> , 2005, 3, 47-68.	0.9	2
49	Bayesian inference for a stratified categorical variable allowing all possible category choices. <i>Journal of Statistical Computation and Simulation</i> , 2009, 79, 161-179.	1.2	1
50	A hierarchical Bayesian model for binary data incorporating selection bias. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2017, 46, 4767-4782.	1.2	1
51	A Bayesian Subset Analysis Of Sensory Evaluation Data. <i>Journal of Modern Applied Statistical Methods</i> , 2005, 4, 482-499.	0.2	1
52	Bayesian Order-Restricted Inference of Multinomial Counts from Small Areas. <i>Springer Proceedings in Mathematics and Statistics</i> , 2022, , 1-22.	0.2	1
53	Computational Bayesian inference for estimating the size of a finite population. <i>Computational Statistics and Data Analysis</i> , 2007, 51, 2934-2945.	1.2	0
54	Bayesian Analysis of a Sensitive Proportion for a Small Area. <i>International Statistical Review</i> , 2019, 87, S104-S120.	1.9	0

#	ARTICLE	IF	CITATIONS
55	A Bayesian Approach to Linking a Survey and a Census via Small Areas. <i>Stats</i> , 2021, 4, 509-528.	0.9	0
56	Bayesian Inference of a Finite Population Mean Under Length-Biased Sampling. <i>Forum for Interdisciplinary Mathematics</i> , 2020, , 79-103.	1.6	0
57	A Bayesian small area model with order restrictions for contingency tables. <i>Communications in Statistics - Theory and Methods</i> , 2023, 52, 4636-4658.	1.0	0