

Sujit K Ghosh

List of Publications by Year in descending order

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Version: 2024-02-01

99
papers

1,728
citations

279487

23
h-index

329751

37
g-index

101
all docs

101
docs citations

101
times ranked

2222
citing authors

#	ARTICLE	IF	CITATIONS
1	Processâ€“Structureâ€“Property relationship of roping in meltblown nonwovens. Journal of the Textile Institute, 2023, 114, 289-302.	1.0	5
2	Parameter Estimation for Multi-state Coherent Series and Parallel Systems with Positively Quadrant Dependent Models. Sankhya A, 2022, 84, 714-742.	0.4	2
3	Bayesian inference for generalized linear model with linear inequality constraints. Computational Statistics and Data Analysis, 2022, 166, 107335.	0.7	3
4	Nonparametric Estimation and Testing for Positive Quadrant Dependent Bivariate Copula. Journal of Business and Economic Statistics, 2021, , 1-14.	1.8	3
5	Dynamic Correlation Multivariate Stochastic Volatility Black-Litterman With Latent Factors. International Journal of Statistics and Probability, 2021, 10, 1.	0.1	1
6	Uncertainty quantification and estimation of closed curves based on noisy data. Computational Statistics, 2021, 36, 2161-2176.	0.8	2
7	Predicting exoplanet mass from radius and incident flux: a Bayesian mixture model. Monthly Notices of the Royal Astronomical Society, 2021, 505, 3853-3865.	1.6	2
8	Data transforming augmentation for heteroscedastic models. Journal of Computational and Graphical Statistics, 2020, 29, 659-667.	0.9	3
9	Effects of Proportional Hazard Assumption on Variable Selection Methods for Censored Data. Statistics in Biopharmaceutical Research, 2020, 12, 199-209.	0.6	1
10	On empirical estimation of mode based on weakly dependent samples. Computational Statistics and Data Analysis, 2020, 152, 107046.	0.7	5
11	Rating exotic price coverage in crop revenue insurance. Agricultural Finance Review, 2020, 80, 609-631.	0.7	1
12	Exploring the Usefulness of Meteorological Data for Predicting Malaria Cases in Visakhapatnam, Andhra Pradesh. Weather, Climate, and Society, 2020, 12, 323-330.	0.5	1
13	Probabilistic Detection and Estimation of Conic Sections From Noisy Data. Journal of Computational and Graphical Statistics, 2020, 29, 513-522.	0.9	0
14	A Functional Metric Approach to Assess Biosimilarity With Application to Rheumatoid Arthritis Trials. Statistics in Biopharmaceutical Research, 2020, 12, 234-243.	0.6	0
15	Heatwave duration: Characterizations using probabilistic inference. Environmetrics, 2020, 31, e2626.	0.6	4
16	A Non-Iterative Quantile Change Detection Method in Mixture Model with Heavy-Tailed Components. , 2020, , .		0
17	Maximum Entropy-based Probabilistic Massâ€“Radius Relation of Exoplanets. Astronomical Journal, 2019, 158, 86.	1.9	2
18	Robust and Accurate Inference via a Mixture of Gaussian and Studentâ€™s t Errors. Journal of Computational and Graphical Statistics, 2019, 28, 415-426.	0.9	8

#	ARTICLE	IF	CITATIONS
19	Saying Sayonara to the Farm: Hierarchical Bayesian Modeling of Farm Exits in Japan. <i>Journal of Agricultural Economics</i> , 2019, 70, 372-391.	1.6	5
20	On nonparametric estimation of the latent distribution for ordinal data. <i>Computational Statistics and Data Analysis</i> , 2018, 119, 86-98.	0.7	8
21	Dynamic correlation multivariate stochastic volatility with latent factors. <i>Statistica Neerlandica</i> , 2018, 72, 48-69.	0.9	3
22	Predicting Exoplanet Masses and Radii: A Nonparametric Approach. <i>Astrophysical Journal</i> , 2018, 869, 5.	1.6	49
23	How proper are Bayesian models in the astronomical literature?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 277-285.	1.6	14
24	A comparative study of the dose-response analysis with application to the target dose estimation. <i>Journal of Statistical Theory and Practice</i> , 2017, 11, 145-162.	0.3	3
25	Nonparametric Estimation of Mean Residual Life Function Using Scale Mixtures. , 2017, , 169-191.		0
26	Disentangling Time-series Spectra with Gaussian Processes: Applications to Radial Velocity Analysis. <i>Astrophysical Journal</i> , 2017, 840, 49.	1.6	39
27	A Two-Sample Distribution-Free Test for Functional Data with Application to a Diffusion Tensor Imaging Study of Multiple Sclerosis. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2016, 65, 395-414.	0.5	27
28	Fast Hamiltonian Monte Carlo Using GPU Computing. <i>Journal of Computational and Graphical Statistics</i> , 2016, 25, 536-548.	0.9	12
29	On the degrees of freedom in MCMC-based Wishart models for time series data. <i>Statistics and Probability Letters</i> , 2015, 98, 59-64.	0.4	3
30	Efficient Sampling Methods for Truncated Multivariate Normal and Student- <i>t</i> Distributions Subject to Linear Inequality Constraints. <i>Journal of Statistical Theory and Practice</i> , 2015, 9, 712-732.	0.3	34
31	A flexible observed factor model with separate dynamics for the factor volatilities and their correlation matrix. <i>Statistical Modelling</i> , 2014, 14, 1-20.	0.5	8
32	Unimodal density estimation using Bernstein polynomials. <i>Computational Statistics and Data Analysis</i> , 2014, 72, 13-29.	0.7	30
33	A semiparametric approach to source separation using independent component analysis. <i>Computational Statistics and Data Analysis</i> , 2013, 58, 383-396.	0.7	9
34	Imputation in High-Dimensional Economic Data as Applied to the Agricultural Resource Management Survey. <i>Journal of the American Statistical Association</i> , 2013, 108, 81-95.	1.8	17
35	Bayesian Average Error-Based Approach to Sample Size Calculations for Hypothesis Testing. <i>Journal of Biopharmaceutical Statistics</i> , 2013, 23, 569-588.	0.4	19
36	Efficient Sieve Maximum Likelihood Estimation of Time-Transformation Models. <i>Journal of Statistical Theory and Practice</i> , 2013, 7, 285-303.	0.3	15

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37	Modelling semi-continuous data using mixture regression models with an application to cattle production yields. <i>Journal of Agricultural Science</i> , 2012, 150, 109-121.	0.6	5
38	Shape restricted nonparametric regression with Bernstein polynomials. <i>Computational Statistics and Data Analysis</i> , 2012, 56, 2729-2741.	0.7	79
39	EMPIRICAL ANALYSIS OF CLIMATE CHANGE IMPACT ON LOBLOLLY PINE PLANTATIONS IN THE SOUTHERN UNITED STATES. <i>Natural Resource Modelling</i> , 2011, 24, 445-476.	0.8	13
40	Economic Implications of Imputation in Agricultural Economic Data: Discussion. <i>American Journal of Agricultural Economics</i> , 2011, 93, 627-628.	2.4	3
41	Nonparametric regression models for right-censored data using Bernstein polynomials. <i>Computational Statistics and Data Analysis</i> , 2011, 56, 559-559.	0.7	5
42	Nonparametric estimation of the conditional mean residual life function with censored data. <i>Lifetime Data Analysis</i> , 2011, 17, 514-532.	0.4	11
43	A flexible class of models for data arising from a "thorough QT/QTc study"™. <i>Pharmaceutical Statistics</i> , 2011, 10, 122-127.	0.7	0
44	A variable selection approach to monotonic regression with Bernstein polynomials. <i>Journal of Applied Statistics</i> , 2011, 38, 961-976.	0.6	57
45	Smooth density estimation with moment constraints using mixture distributions. <i>Journal of Nonparametric Statistics</i> , 2011, 23, 513-531.	0.4	9
46	A Bayesian Approach to Multicollinearity and the Simultaneous Selection and Clustering of Predictors in Linear Regression. <i>Journal of Statistical Theory and Practice</i> , 2011, 5, 715-735.	0.3	26
47	Bayesian Analysis of Circular Data Using Wrapped Distributions. <i>Journal of Statistical Theory and Practice</i> , 2011, 5, 547-561.	0.3	30
48	Semiparametric Bayesian Testing Procedure for Noninferiority Trials with Binary Endpoints. <i>Journal of Biopharmaceutical Statistics</i> , 2011, 21, 920-937.	0.4	11
49	Novel Bayesian Methods for Non-Inferiority Tests Based on Relative Risk and Odds Ratio for Dichotomous Data. <i>Journal of Statistical Theory and Practice</i> , 2010, 4, 433-452.	0.3	3
50	Maximum likelihood estimation for directional conditionally autoregressive models. <i>Journal of Statistical Planning and Inference</i> , 2010, 140, 3160-3179.	0.4	14
51	Joint Variable Selection for Fixed and Random Effects in Linear Mixed-Effects Models. <i>Biometrics</i> , 2010, 66, 1069-1077.	0.8	163
52	Maximum Likelihood Estimation and Unit Root Test for First Order Random Coefficient AutoRegressive Models. <i>Journal of Statistical Theory and Practice</i> , 2010, 4, 261-278.	0.3	1
53	Basics of Bayesian Methods. <i>Methods in Molecular Biology</i> , 2010, 620, 155-178.	0.4	4
54	Spatio-Temporal Analysis of Total Nitrate Concentrations Using Dynamic Statistical Models. <i>Journal of the American Statistical Association</i> , 2010, 105, 538-551.	1.8	19

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55	Performance of information criteria for spatial models. Journal of Statistical Computation and Simulation, 2009, 79, 93-106.	0.7	54
56	A Multivariate Evaluation of <i>Ex ante</i> Risks Associated with Fed Cattle Production. American Journal of Agricultural Economics, 2009, 91, 431-443.	2.4	9
57	Nonparametric autocovariance estimation from censored time series by Gaussian imputation. Journal of Nonparametric Statistics, 2009, 21, 241-259.	0.4	3
58	Daily Activity Patterns of University Students. Journal of the Urban Planning and Development Division, ASCE, 2009, 135, 141-149.	0.8	48
59	An autoregressive point source model for spatial processes. Environmetrics, 2009, 20, 575-594.	0.6	9
60	Bayesian unit-root tests for Stochastic Volatility models. Statistical Methodology, 2009, 6, 189-201.	0.5	4
61	Bayesian variable selection using an adaptive powered correlation prior. Journal of Statistical Planning and Inference, 2009, 139, 2665-2674.	0.4	16
62	Hydrogen bonding and packing density are factors most strongly connected to limiting sites of high flexibility in the 16S rRNA in the 30S ribosome. BMC Structural Biology, 2009, 9, 49.	2.3	2
63	A stochastic neighborhood conditional autoregressive model for spatial data. Computational Statistics and Data Analysis, 2009, 53, 3033-3046.	0.7	30
64	Bayesian Regression Models for the Quality Adjusted Lifetime Data with Zero Time Duration Health States. Journal of Statistical Theory and Practice, 2009, 3, 477-487.	0.3	0
65	Estimation of SCRAM Rate Trends in Nuclear Power Plants Using Hierarchical Bayes Models. Communications in Statistics - Theory and Methods, 2009, 38, 2856-2871.	0.6	2
66	A Bayesian Approach for Investigating the Risk of QT Prolongation. Journal of Statistical Theory and Practice, 2009, 3, 445-454.	0.3	3
67	Bayesian inference for directional conditionally autoregressive models. Bayesian Analysis, 2009, 4, .	1.6	5
68	A comparative study of Gaussian geostatistical models and Gaussian Markov random field models. Journal of Multivariate Analysis, 2008, 99, 1681-1697.	0.5	36
69	Multimodel ensembles of streamflow forecasts: Role of predictor state in developing optimal combinations. Water Resources Research, 2008, 44, W09404.	1.7	63
70	Bayesian Spatial Modeling of Data from Unit-Count Surveys of Fish in Streams. Transactions of the American Fisheries Society, 2008, 137, 438-453.	0.6	15
71	Bayesian Analysis of Change-Point Hazard Rate Problem. Journal of Statistical Theory and Practice, 2008, 2, 523-533.	0.3	4
72	Spatio-Temporal Modeling of Agricultural Yield Data with an Application to Pricing Crop Insurance Contracts. American Journal of Agricultural Economics, 2008, 90, 951-961.	2.4	32

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73	Impact of Source Reduction on the Spatial Distribution of Larvae and Pupae of <i>Aedes albopictus</i> (Diptera: Culicidae) in Suburban Neighborhoods of a Piedmont Community in North Carolina. <i>Journal of Medical Entomology</i> , 2008, 45, 617-628.	0.9	32
74	A Reparametrization Approach for Dynamic Space-Time Models. <i>Journal of Statistical Theory and Practice</i> , 2008, 2, 1-14.	0.3	8
75	Bayesian estimation and unit root tests for Random Coefficient AutoRegressive models. <i>Model Assisted Statistics and Applications</i> , 2008, 3, 281-295.	0.2	12
76	Bayesian Analysis of Quality Adjusted Lifetime (QAL) Data. <i>Journal of Statistical Theory and Practice</i> , 2007, 1, 233-251.	0.3	1
77	Data-reduction method for spatial data using a structured wavelet model. <i>International Journal of Production Research</i> , 2007, 45, 2295-2311.	4.9	3
78	Censored time series analysis with autoregressive moving average models. <i>Canadian Journal of Statistics</i> , 2007, 35, 151-168.	0.6	32
79	Semiparametric inference based on a class of zero-altered distributions. <i>Statistical Methodology</i> , 2007, 4, 371-383.	0.5	10
80	Spatial Analysis of <i>Aedes albopictus</i> (Diptera: Culicidae) Oviposition in Suburban Neighborhoods of a Piedmont Community in North Carolina. <i>Journal of Medical Entomology</i> , 2006, 43, 976-989.	0.9	24
81	Physiologically-Based Pharmacokinetic Modeling of Genistein in Rats, Part I: Model Development. <i>Risk Analysis</i> , 2006, 26, 483-500.	1.5	14
82	Spatial Association between Speciated Fine Particles and Mortality. <i>Biometrics</i> , 2006, 62, 855-863.	0.8	50
83	Bayesian analysis of zero-inflated regression models. <i>Journal of Statistical Planning and Inference</i> , 2006, 136, 1360-1375.	0.4	162
84	Major gene detection for fusiform rust resistance using Bayesian complex segregation analysis in loblolly pine. <i>Theoretical and Applied Genetics</i> , 2006, 113, 921-929.	1.8	10
85	Multiple Events Time Data: A Bayesian Recourse. <i>Handbook of Statistics</i> , 2005, , 891-906.	0.4	0
86	Internucleotide Movements during Formation of 16S rRNA-rRNA Photocrosslinks and their Connection to the 30S Subunit Conformational Dynamics. <i>Journal of Molecular Biology</i> , 2005, 354, 358-374.	2.0	13
87	Bayesian capture-recapture analysis and model selection allowing for heterogeneity and behavioral effects. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2005, 10, 35-49.	0.7	28
88	Interval estimation of genetic susceptibility for retrospective case-control studies. <i>BMC Genetics</i> , 2004, 5, 9.	2.7	7
89	A blocking Gibbs sampling method to detect major genes with phenotypic data from a diallel mating. <i>Genetical Research</i> , 2004, 83, 143-154.	0.3	4
90	Affinity maturation of the humoral immune response: A Bayesian approach. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2003, 8, 367-382.	0.7	0

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91	Predicting and Modeling Superintendent Turnover. Journal of School Leadership, 2003, 13, 328-346.	1.3	11
92	Ch. 31. Bayesian and frequentist methods in change-point problems. Handbook of Statistics, 2001, , 777-787.	0.4	4
93	Bayesian Analysis and Model Selection for Interval-Censored Survival Data. Biometrics, 1999, 55, 585-590.	0.8	66
94	Spatio-Temporal Modeling of Residential Sales Data. Journal of Business and Economic Statistics, 1998, 16, 312.	1.8	17
95	Linear Models. Journal of the American Statistical Association, 1998, 93, 402.	1.8	0
96	Spatio-Temporal Modeling of Residential Sales Data. Journal of Business and Economic Statistics, 1998, 16, 312-321.	1.8	55
97	On local sensitivity measures in Bayesian analysis. Lecture Notes-monograph Series / Institute of Mathematical Statistics, 1996, , 21-40.	1.0	11
98	Bayesian Statistical Methods. , 0, , .		23
99	Modeling Right-skewed Heavy-tail Right-censored Survival Data with Application to HIV Viral Load. Bulletin of the Malaysian Mathematical Sciences Society, 0, , .	0.4	0