Subhashis Ghosal

List of Publications by Year
in descending order

45 papers	1,754 citations	516710 16 h-index	330143 37 g-index
47 all docs	47 docs citations	47 times ranked	642 citing authors

#	Article	IF	Citations
1	Rates and coverage for monotone densities using projection-posterior. Bernoulli, 2022, 28, .	1.3	2
2	Two-step Bayesian methods for generalized regression driven by partial differential equations. Bernoulli, 2022, 28, .	1.3	2
3	Posterior contraction in sparse generalized linear models. Biometrika, 2021, 108, 367-379.	2.4	5
4	Bayesian Analysis of Mixed-effect Regression Models Driven by Ordinary Differential Equations. Sankhya B, 2021, 83, 3-29.	0.9	1
5	Convergence rates for Bayesian estimation and testing in monotone regression. Electronic Journal of Statistics, 2021, 15, .	0.7	4
6	Bayesian estimation of sparse precision matrices in the presence of Gaussian measurement error. Electronic Journal of Statistics, 2021, 15, .	0.7	1
7	Coverage of credible intervals in nonparametric monotone regression. Annals of Statistics, 2021, 49, .	2.6	5
8	Bayesian multivariate quantile regression using Dependent Dirichlet Process prior. Journal of Multivariate Analysis, 2021, 185, 104763.	1.0	4
9	Posterior contraction and credible regions for level sets. Electronic Journal of Statistics, 2021, 15, .	0.7	1
10	Preface of the Special Issue in Honor of Professor Jayanta Kumar Ghosh. Sankhya A, 2020, , 1.	0.8	0
11	Multivariate Gaussian network structure learning. Journal of Statistical Planning and Inference, 2019, 199, 327-342.	0.6	4
12	Bayesian nonparametric estimation of ROC surface under verification bias. Statistics in Medicine, 2019, 38, 3361-3377.	1.6	1
13	Bayesian Semiparametric ROC surface estimation under verification bias. Computational Statistics and Data Analysis, 2019, 133, 40-52.	1.2	3
14	Bayesian non-parametric simultaneous quantile regression for complete and grid data. Computational Statistics and Data Analysis, 2018, 127, 172-186.	1.2	16
15	Bayesian Discriminant Analysis Using a High Dimensional Predictor. Sankhya A, 2018, 80, 112-145.	0.8	2
16	Bayesian inference for higher-order ordinary differential equation models. Journal of Multivariate Analysis, 2017, 157, 103-114.	1.0	7
17	Efficient Bayesian estimation and uncertainty quantification in ordinary differential equation models. Bernoulli, 2017, 23, .	1.3	13
18	Posterior Contraction Rates of Density Derivative Estimation. Sankhya A, 2017, 79, 336-354.	0.8	3

#	Article	IF	Citations
19	Supremum norm posterior contraction and credible sets for nonparametric multivariate regression. Annals of Statistics, 2016, 44, .	2.6	41
20	Adaptive Bayesian density regression for high-dimensional data. Bernoulli, 2016, 22, .	1.3	11
21	Bayesian two-step estimation in differential equation models. Electronic Journal of Statistics, 2015, 9, .	0.7	19
22	Bayesian structure learning in graphical models. Journal of Multivariate Analysis, 2015, 136, 147-162.	1.0	48
23	Adaptive Bayesian Procedures Using Random Series Priors. Scandinavian Journal of Statistics, 2015, 42, 1194-1213.	1.4	45
24	Posterior convergence rates for estimating large precision matrices using graphical models. Electronic Journal of Statistics, 2014, 8, .	0.7	35
25	Bayesian variable selection in generalized additive partial linear models. Stat, 2014, 3, 363-378.	0.4	3
26	Adaptive Bayesian multivariate density estimation with Dirichlet mixtures. Biometrika, 2013, 100, 623-640.	2.4	68
27	Iterative selection using orthogonal regression techniques. Statistical Analysis and Data Mining, 2013, 6, 557-564.	2.8	3
28	Predicting False Discovery Proportion Under Dependence. Journal of the American Statistical Association, 2011, 106, 1208-1218.	3.1	10
29	The <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" display="inline" overflow="scroll"><mml:msub><mml:mrow><mml:mi>L</mml:mi></mml:mrow><mml:mrow><mml:mn>1</mml:mn></mml:mrow></mml:mrow><... of Dirichlet mixtures in multivariate Bayesian density estimation. Journal of Multivariate Analysis, 2010, 101, 2411-2419.	1.0	22
30	Clusterwise Regression Using Dirichlet Mixtures. Statistical Science and Interdisciplinary Research, 2009, , 305-325.	0.0	4
31	Bayesian ROC curve estimation under binormality using a rank likelihood. Journal of Statistical Planning and Inference, 2009, 139, 2076-2083.	0.6	15
32	Bayesian Nonparametric Approach to Multiple Testing. Statistical Science and Interdisciplinary Research, 2009, , 139-164.	0.0	2
33	FIRST: Combining forward iterative selection and shrinkage in high dimensional sparse linear regression. Statistics and Its Interface, 2009, 2, 341-348.	0.3	15
34	Bayesian bootstrap estimation of ROC curve. Statistics in Medicine, 2008, 27, 5407-5420.	1.6	41
35	Strong approximations for resample quantile processes and application to ROC methodology. Journal of Nonparametric Statistics, 2008, 20, 229-240.	0.9	6
36	Nonparametric Bayesian model selection and averaging. Electronic Journal of Statistics, 2008, 2, .	0.7	51

#	Article	IF	Citations
37	Convergence rates of posterior distributions for noniid observations. Annals of Statistics, 2007, 35, 192.	2.6	175
38	Posterior convergence rates of Dirichlet mixtures at smooth densities. Annals of Statistics, 2007, 35, .	2.6	97
39	Bayesian Estimation of the Spectral Density of a Time Series. Journal of the American Statistical Association, 2004, 99, 1050-1059.	3.1	89
40	On Bayesian Adaptation. Acta Applicandae Mathematicae, 2003, 79, 165-175.	1.0	13
41	Adaptive Bayesian inference on the mean of an infinite-dimensional normal distribution. Annals of Statistics, 2003, 31, .	2.6	54
42	Posterior consistency for semi-parametric regression problems. Bernoulli, 2003, 9, .	1.3	40
43	Entropies and rates of convergence for maximum likelihood and Bayes estimation for mixtures of normal densities. Annals of Statistics, 2001, 29, .	2.6	87
44	Convergence rates of posterior distributions. Annals of Statistics, 2000, 28, 500.	2.6	391
45	<scp>Regression†based</scp> Bayesian estimation and structure learning for nonparanormal graphical models. Statistical Analysis and Data Mining, 0, , .	2.8	1