

# Subhashis Ghosal

## List of Publications by Year in descending order

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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	Convergence rates of posterior distributions. <i>Annals of Statistics</i> , 2000, 28, 500.	2.6	391
2	Convergence rates of posterior distributions for noniid observations. <i>Annals of Statistics</i> , 2007, 35, 192.	2.6	175
3	Posterior convergence rates of Dirichlet mixtures at smooth densities. <i>Annals of Statistics</i> , 2007, 35, .	2.6	97
4	Bayesian Estimation of the Spectral Density of a Time Series. <i>Journal of the American Statistical Association</i> , 2004, 99, 1050-1059.	3.1	89
5	Entropies and rates of convergence for maximum likelihood and Bayes estimation for mixtures of normal densities. <i>Annals of Statistics</i> , 2001, 29, .	2.6	87
6	Adaptive Bayesian multivariate density estimation with Dirichlet mixtures. <i>Biometrika</i> , 2013, 100, 623-640.	2.4	68
7	Adaptive Bayesian inference on the mean of an infinite-dimensional normal distribution. <i>Annals of Statistics</i> , 2003, 31, .	2.6	54
8	Nonparametric Bayesian model selection and averaging. <i>Electronic Journal of Statistics</i> , 2008, 2, .	0.7	51
9	Bayesian structure learning in graphical models. <i>Journal of Multivariate Analysis</i> , 2015, 136, 147-162.	1.0	48
10	Adaptive Bayesian Procedures Using Random Series Priors. <i>Scandinavian Journal of Statistics</i> , 2015, 42, 1194-1213.	1.4	45
11	Bayesian bootstrap estimation of ROC curve. <i>Statistics in Medicine</i> , 2008, 27, 5407-5420.	1.6	41
12	Supremum norm posterior contraction and credible sets for nonparametric multivariate regression. <i>Annals of Statistics</i> , 2016, 44, .	2.6	41
13	Posterior consistency for semi-parametric regression problems. <i>Bernoulli</i> , 2003, 9, .	1.3	40
14	Posterior convergence rates for estimating large precision matrices using graphical models. <i>Electronic Journal of Statistics</i> , 2014, 8, .	0.7	35
15	The $\int \log \pi(\theta) d\pi(\theta)$ of Dirichlet mixtures in multivariate Bayesian density estimation. <i>Journal of Multivariate Analysis</i> , 2010, 101, 2411-2419.	1.0	22
16	Bayesian two-step estimation in differential equation models. <i>Electronic Journal of Statistics</i> , 2015, 9, .	0.7	19
17	Bayesian non-parametric simultaneous quantile regression for complete and grid data. <i>Computational Statistics and Data Analysis</i> , 2018, 127, 172-186.	1.2	16
18	Bayesian ROC curve estimation under binormality using a rank likelihood. <i>Journal of Statistical Planning and Inference</i> , 2009, 139, 2076-2083.	0.6	15

#	ARTICLE	IF	CITATIONS
19	FIRST: Combining forward iterative selection and shrinkage in high dimensional sparse linear regression. <i>Statistics and Its Interface</i> , 2009, 2, 341-348.	0.3	15
20	On Bayesian Adaptation. <i>Acta Applicandae Mathematicae</i> , 2003, 79, 165-175.	1.0	13
21	Efficient Bayesian estimation and uncertainty quantification in ordinary differential equation models. <i>Bernoulli</i> , 2017, 23, .	1.3	13
22	Adaptive Bayesian density regression for high-dimensional data. <i>Bernoulli</i> , 2016, 22, .	1.3	11
23	Predicting False Discovery Proportion Under Dependence. <i>Journal of the American Statistical Association</i> , 2011, 106, 1208-1218.	3.1	10
24	Bayesian inference for higher-order ordinary differential equation models. <i>Journal of Multivariate Analysis</i> , 2017, 157, 103-114.	1.0	7
25	Strong approximations for resample quantile processes and application to ROC methodology. <i>Journal of Nonparametric Statistics</i> , 2008, 20, 229-240.	0.9	6
26	Posterior contraction in sparse generalized linear models. <i>Biometrika</i> , 2021, 108, 367-379.	2.4	5
27	Coverage of credible intervals in nonparametric monotone regression. <i>Annals of Statistics</i> , 2021, 49, .	2.6	5
28	Clusterwise Regression Using Dirichlet Mixtures. <i>Statistical Science and Interdisciplinary Research</i> , 2009, , 305-325.	0.0	4
29	Multivariate Gaussian network structure learning. <i>Journal of Statistical Planning and Inference</i> , 2019, 199, 327-342.	0.6	4
30	Convergence rates for Bayesian estimation and testing in monotone regression. <i>Electronic Journal of Statistics</i> , 2021, 15, .	0.7	4
31	Bayesian multivariate quantile regression using Dependent Dirichlet Process prior. <i>Journal of Multivariate Analysis</i> , 2021, 185, 104763.	1.0	4
32	Iterative selection using orthogonal regression techniques. <i>Statistical Analysis and Data Mining</i> , 2013, 6, 557-564.	2.8	3
33	Bayesian variable selection in generalized additive partial linear models. <i>Stat</i> , 2014, 3, 363-378.	0.4	3
34	Posterior Contraction Rates of Density Derivative Estimation. <i>Sankhya A</i> , 2017, 79, 336-354.	0.8	3
35	Bayesian Semiparametric ROC surface estimation under verification bias. <i>Computational Statistics and Data Analysis</i> , 2019, 133, 40-52.	1.2	3
36	Bayesian Nonparametric Approach to Multiple Testing. <i>Statistical Science and Interdisciplinary Research</i> , 2009, , 139-164.	0.0	2

#	ARTICLE	IF	CITATIONS
37	Bayesian Discriminant Analysis Using a High Dimensional Predictor. Sankhya A, 2018, 80, 112-145.	0.8	2
38	Rates and coverage for monotone densities using projection-posterior. Bernoulli, 2022, 28, .	1.3	2
39	Two-step Bayesian methods for generalized regression driven by partial differential equations. Bernoulli, 2022, 28, .	1.3	2
40	Bayesian nonparametric estimation of ROC surface under verification bias. Statistics in Medicine, 2019, 38, 3361-3377.	1.6	1
41	Bayesian Analysis of Mixed-effect Regression Models Driven by Ordinary Differential Equations. Sankhya B, 2021, 83, 3-29.	0.9	1
42	Bayesian estimation of sparse precision matrices in the presence of Gaussian measurement error. Electronic Journal of Statistics, 2021, 15, .	0.7	1
43	Posterior contraction and credible regions for level sets. Electronic Journal of Statistics, 2021, 15, .	0.7	1
44	Regression-based Bayesian estimation and structure learning for nonparanormal graphical models. Statistical Analysis and Data Mining, 0, , .	2.8	1
45	Preface of the Special Issue in Honor of Professor Jayanta Kumar Ghosh. Sankhya A, 2020, , 1.	0.8	0