

# Anirban Bhattacharya

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/572998/publications.pdf>

Version: 2024-02-01

23  
papers

668  
citations

840776

11  
h-index

713466

21  
g-index

23  
all docs

23  
docs citations

23  
times ranked

468  
citing authors

#	ARTICLE	IF	CITATIONS
1	A modified sequential probability ratio test. <i>Journal of Mathematical Psychology</i> , 2021, 101, 102505.	1.8	6
2	Radius and equation of state constraints from massive neutron stars and GW190814. <i>Physical Review C</i> , 2021, 104, .	2.9	15
3	Bayesian optimization with adaptive surrogate models for automated experimental design. <i>Npj Computational Materials</i> , 2021, 7, .	8.7	27
4	Posterior Contraction Rates for Stochastic Block Models. <i>Sankhya A</i> , 2020, 82, 448-476.	0.8	3
5	Functional Horseshoe Priors for Subspace Shrinkage. <i>Journal of the American Statistical Association</i> , 2020, 115, 1784-1797.	3.1	13
6	Bayesian data integration and variable selection for pan-cancer survival prediction using protein expression data. <i>Biometrics</i> , 2020, 76, 316-325.	1.4	13
7	Dynamics of Coordinate Ascent Variational Inference: A Case Study in 2D Ising Models. <i>Entropy</i> , 2020, 22, 1263.	2.2	3
8	Efficient Bayesian shape-restricted function estimation with constrained Gaussian process priors. <i>Statistics and Computing</i> , 2020, 30, 839-853.	1.5	7
9	Bayesian sparse multiple regression for simultaneous rank reduction and variable selection. <i>Biometrika</i> , 2020, 107, 205-221.	2.4	11
10	Reexamining the proton-radius problem using constrained Gaussian processes. <i>Physical Review C</i> , 2019, 99, .	2.9	24
11	Bayesian fractional posteriors. <i>Annals of Statistics</i> , 2019, 47, .	2.6	30
12	Probabilistic Community Detection With Unknown Number of Communities. <i>Journal of the American Statistical Association</i> , 2019, 114, 893-905.	3.1	34
13	Scalable Bayesian Variable Selection Using Nonlocal Prior Densities in Ultrahigh-dimensional Settings. <i>Statistica Sinica</i> , 2018, 28, 1053-1078.	0.3	28
14	Rejoinder on: Process modeling for slope and aspect with application to elevation data maps. <i>Test</i> , 2018, 27, 783-786.	1.1	0
15	Process modeling for slope and aspect with application to elevation data maps. <i>Test</i> , 2018, 27, 749-772.	1.1	3
16	Posterior contraction in Gaussian process regression using Wasserstein approximations. <i>Information and Inference</i> , 2017, 6, 416-440.	1.6	1
17	Nonparametric Bayes Modeling for Case Control Studies with Many Predictors. <i>Biometrics</i> , 2016, 72, 184-192.	1.4	2
18	Fast sampling with Gaussian scale mixture priors in high-dimensional regression. <i>Biometrika</i> , 2016, 103, 985-991.	2.4	90

#	ARTICLE	IF	CITATIONS
19	Adaptive Bayesian inference in the Gaussian sequence model using exponential-variance priors. <i>Statistics and Probability Letters</i> , 2015, 103, 100-104.	0.7	5
20	Dirichlet-Laplace Priors for Optimal Shrinkage. <i>Journal of the American Statistical Association</i> , 2015, 110, 1479-1490.	3.1	235
21	Bayesian Factorizations of Big Sparse Tensors. <i>Journal of the American Statistical Association</i> , 2015, 110, 1562-1576.	3.1	36
22	Posterior contraction in sparse Bayesian factor models for massive covariance matrices. <i>Annals of Statistics</i> , 2014, 42, .	2.6	55
23	Anisotropic function estimation using multi-bandwidth Gaussian processes. <i>Annals of Statistics</i> , 2014, 42, 352-381.	2.6	27