

Natesh S Pillai

List of Publications by Year in descending order

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15
papers

828
citations

933447

10
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

1059
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | Lack of confidence in approximate Bayesian computation model choice. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 15112-15117. | 7.1 | 265 |
| 2 | Dirichlet-Laplace Priors for Optimal Shrinkage. Journal of the American Statistical Association, 2015, 110, 1479-1490. | 3.1 | 235 |
| 3 | Relevant Statistics for Bayesian Model Choice. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2014, 76, 833-859. | 2.2 | 67 |
| 4 | Accelerating Asymptotically Exact MCMC for Computationally Intensive Models via Local Approximations. Journal of the American Statistical Association, 2016, 111, 1591-1607. | 3.1 | 67 |
| 5 | Posterior contraction in sparse Bayesian factor models for massive covariance matrices. Annals of Statistics, 2014, 42, . | 2.6 | 55 |
| 6 | Model Comparison and Assessment for Single Particle Tracking in Biological Fluids. Journal of the American Statistical Association, 2016, 111, 1413-1426. | 3.1 | 34 |
| 7 | Hypothesis testing for high-dimensional sparse binary regression. Annals of Statistics, 2015, 43, 352-381. | 2.6 | 31 |
| 8 | Parallel Local Approximation MCMC for Expensive Models. SIAM-ASA Journal on Uncertainty Quantification, 2018, 6, 339-373. | 2.0 | 28 |
| 9 | On a Class of Shrinkage Priors for Covariance Matrix Estimation. Journal of Computational and Graphical Statistics, 2013, 22, 689-707. | 1.7 | 14 |
| 10 | The use of a single pseudo-sample in approximate Bayesian computation. Statistics and Computing, 2017, 27, 583-590. | 1.5 | 13 |
| 11 | Noisy gradient flow from a random walk in Hilbert space. Stochastics and Partial Differential Equations: Analysis and Computations, 2014, 2, 196-232. | 0.9 | 10 |
| 12 | Diagnosing missing always at random in multivariate data. Biometrika, 2020, 107, 246-253. | 2.4 | 5 |
| 13 | Sub-optimality of some continuous shrinkage priors. Stochastic Processes and Their Applications, 2016, 126, 3828-3842. | 0.9 | 2 |
| 14 | Optimal scaling of the MALA algorithm with irreversible proposals for Gaussian targets. Stochastics and Partial Differential Equations: Analysis and Computations, 2020, 8, 311-361. | 0.9 | 1 |
| 15 | Universality and least singular values of random matrix products: A simplified approach. Bernoulli, 2021, 27, . | 1.3 | 1 |