Yanan Fan

List of Publications by Year
in descending order

31 papers	**1,168** citations	758635 **12** h-index	500791 **28** g-index
31 all docs	**31** docs citations	**31** times ranked	**1342** citing authors

#	Article	IF	Citations
1	Sequential Monte Carlo without likelihoods. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 1760-1765.	3.3	575
2	Gender and cultural bias in student evaluations: Why representation matters. PLoS ONE, 2019, 14, e0209749.	1.1	141
3	Sexual dimorphism, survival and dispersal in red deer. Journal of Agricultural, Biological, and Environmental Statistics, 2004, 9, 1-26.	0.7	96
4	On sequential Monte Carlo, partial rejection control and approximate Bayesian computation. Statistics and Computing, 2012, 22, 1209-1222.	0.8	41
5	Adaptive optimal scaling of Metropolis–Hastings algorithms using the Robbins–Monro process. Communications in Statistics - Theory and Methods, 2016, 45, 5098-5111.	0.6	40
6	A simple method for Bayesian model averaging of regional climate model projections: Application to southeast Australian temperatures. Geophysical Research Letters, 2016, 43, 7661-7669.	1.5	32
7	Approximate Bayesian Computation and Bayes' Linear Analysis: Toward High-Dimensional ABC. Journal of Computational and Graphical Statistics, 2014, 23, 65-86.	0.9	31
8	Approximate Bayesian computation via regression density estimation. Stat, 2013, 2, 34-48.	0.3	26
9	Regression Adjustment for Noncrossing Bayesian Quantile Regression. Journal of Computational and Graphical Statistics, 2017, 26, 275-284.	0.9	21
10	North Atlantic observations sharpen meridional overturning projections. Climate Dynamics, 2018, 50, 4171-4188.	1.7	20
11	Gender Bias in Student Evaluations of Teaching: 'Punish[ing] Those Who Fail To Do Their Gender Right'. Higher Education, 2022, 83, 787-807.	2.8	19
12	Automating and evaluating reversible jump MCMC proposal distributions. Statistics and Computing, 2009, 19, 409-421.	0.8	17
13	A review of approximate Bayesian computation methods via density estimation: Inference for simulator‐models. Wiley Interdisciplinary Reviews: Computational Statistics, 2020, 12, e1486.	2.1	13
14	Output Assessment for Monte Carlo Simulations via the Score Statistic. Journal of Computational and Graphical Statistics, 2006, 15, 178-206.	0.9	12
15	Reversible Jump MCMC. Chapman & Hall/CRC Interdisciplinary Statistics Series, 2011, , 67-92.	0.4	11
16	A distance-based diagnostic for trans-dimensional Markov chains. Statistics and Computing, 2007, 17, 357-367.	0.8	10
17	Perfect Forward Simulation via Simulated Tempering. Communications in Statistics Part B: Simulation and Computation, 2006, 35, 683-713.	0.6	8
18	Bayesian threshold selection for extremal models using measures of surprise. Computational Statistics and Data Analysis, 2015, 85, 84-99.	0.7	7

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19	A Bayesian spatial temporal mixtures approach to kinetic parametric images in dynamic positron emission tomography. Medical Physics, 2016, 43, 1222-1234.	1.6	7
20	A novel method to test non-exclusive hypotheses applied to Arctic ice projections from dependent models. Nature Communications, 2019, 10, 3016.	5.8	6
21	Simultaneous fitting of Bayesian penalised quantile splines. Computational Statistics and Data Analysis, 2019, 134, 93-109.	0.7	6
22	On Bayesian Curve Fitting via Auxiliary Variables. Journal of Computational and Graphical Statistics, 2010, 19, 626-644.	0.9	5
23	Relabelling algorithms for mixture models with applications for large data sets. Journal of Statistical Computation and Simulation, 2016, 86, 394-413.	0.7	5
24	Cosmo VAE: Variational Autoencoder for CMB Image Inpainting. , 2020, , .		4
25	A novel approach for discovering stochastic models behind data applied to El Niño–Southern Oscillation. Scientific Reports, 2021, 11, 2648.	1.6	4
26	PET-ABC: fully Bayesian likelihood-free inference for kinetic models. Physics in Medicine and Biology, 2021, 66, 115002.	1.6	4
27	A Novel Approach for Markov Random Field With Intractable Normalizing Constant on Large Lattices. Journal of Computational and Graphical Statistics, 2018, 27, 59-70.	0.9	3
28	Accounting for skill in trend, variability, and autocorrelation facilitates better multi-model projections: Application to the AMOC and temperature time series. PLoS ONE, 2019, 14, e0214535.	1.1	3
29	A flexible data-driven cyclostationary model for the probability density of El Niño–Southern Oscillation. Chaos, 2021, 31, 103126.	1.0	1
30	Bayesian quantile regression with the asymmetric Laplace distribution. , 2020, , 1-25.		0
31	A synthetic likelihood approach for intractable markov random fields. Computational Statistics, 0, , .	0.8	0