

Antonietta Mira

List of Publications by Year in descending order

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Version: 2024-02-01

67
papers

2,590
citations

516215

16
h-index

214527

47
g-index

77
all docs

77
docs citations

77
times ranked

2915
citing authors

#	ARTICLE	IF	CITATIONS
1	A Common Atoms Model for the Bayesian Nonparametric Analysis of Nested Data. Journal of the American Statistical Association, 2023, 118, 405-416.	1.8	9
2	Reflections on Murray Aitkin's contributions to nonparametric mixture models and Bayes factors. Statistical Modelling, 2022, 22, 33-45.	0.5	0
3	The role of intrinsic dimension in high-resolution player tracking dataâ€”Insights in basketball. Annals of Applied Statistics, 2022, 16, .	0.5	4
4	Personalized pathology test for Cardio-vascular disease: Approximate Bayesian computation with discriminative summary statistics learning. PLoS Computational Biology, 2022, 18, e1009910.	1.5	3
5	Framework for assessing and easing global COVID-19 travel restrictions. Scientific Reports, 2022, 12, 6985.	1.6	7
6	Likelihood-Free Parameter Estimation for Dynamic Queueing Networks: Case Study of Passenger Flow in an International Airport Terminal. Journal of the Royal Statistical Society Series C: Applied Statistics, 2021, 70, 770-792.	0.5	4
7	Revealing three-dimensional quantum criticality by Sr substitution in Han purple. Physical Review Research, 2021, 3, .	1.3	10
8	A multivariate statistical approach to predict COVIDâ€™19 count data with epidemiological interpretation and uncertainty quantification. Statistics in Medicine, 2021, 40, 5351-5372.	0.8	10
9	Modelling Nonstationary Spatial Lag Models with Hidden Markov Random Fields. Spatial Statistics, 2021, 44, 100522.	0.9	3
10	A Bayesian semiparametric vector Multiplicative Error Model. Computational Statistics and Data Analysis, 2021, 161, 107242.	0.7	1
11	ABCpy: A High-Performance Computing Perspective to Approximate Bayesian Computation. Journal of Statistical Software, 2021, 100, .	1.8	7
12	Flexible model selection for mechanistic network models. Journal of Complex Networks, 2020, 8, cnz024.	1.1	9
13	Option market trading activity and the estimation of the pricing kernel: A Bayesian approach. Journal of Econometrics, 2020, 216, 430-449.	3.5	15
14	Data segmentation based on the local intrinsic dimension. Scientific Reports, 2020, 10, 16449.	1.6	17
15	Hindsight is 2020 vision: a characterisation of the global response to the COVID-19 pandemic. BMC Public Health, 2020, 20, 1868.	1.2	15
16	Spatio-temporal prediction model of out-of-hospital cardiac arrest: Designation of medical priorities and estimation of human resources requirement. PLoS ONE, 2020, 15, e0238067.	1.1	4
17	Estimating a novel stochastic model for within-field disease dynamics of banana bunchy top virus via approximate Bayesian computation. PLoS Computational Biology, 2020, 16, e1007878.	1.5	8
18	A Bayesian spatiotemporal statistical analysis of outâ€™ofâ€™hospital cardiac arrests. Biometrical Journal, 2020, 62, 1105-1119.	0.6	6

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19	Longitudinal Networks of Dyadic Relationships Using Latent Trajectories: Evidence from The European Interbank Market. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2020, 69, 711-739.	0.5	8
20	Evaluating health facility access using Bayesian spatial models and location analysis methods. <i>PLoS ONE</i> , 2019, 14, e0218310.	1.1	7
21	Conditionally Gaussian random sequences for an integrated variance estimator with correlation between noise and returns. <i>Applied Stochastic Models in Business and Industry</i> , 2019, 35, 1282-1297.	0.9	1
22	Scientific output scales with resources. A comparison of US and European universities. <i>PLoS ONE</i> , 2019, 14, e0223415.	1.1	25
23	Real-life time and distance covered by lay first responders alerted by means of smartphone-application: Implications for early initiation of cardiopulmonary resuscitation and access to automatic external defibrillators. <i>Resuscitation</i> , 2019, 141, 182-187.	1.3	30
24	Adaptive Incremental Mixture Markov Chain Monte Carlo. <i>Journal of Computational and Graphical Statistics</i> , 2019, 28, 790-805.	0.9	3
25	The Keys of Predictability: A Comprehensive Study. <i>SSRN Electronic Journal</i> , 2019, , .	0.4	0
26	Estimation of spatial econometric linear models with large datasets: How big can spatial Big Data be?. <i>Regional Science and Urban Economics</i> , 2019, 76, 67-73.	1.4	17
27	Semiparametric Multivariate and Multiple Change-Point Modeling. <i>Bayesian Analysis</i> , 2019, 14, .	1.6	13
28	On the role of latent variable models in the era of big data. <i>Statistics and Probability Letters</i> , 2018, 136, 165-169.	0.4	7
29	Social Network Modeling. <i>Annual Review of Statistics and Its Application</i> , 2018, 5, 343-369.	4.1	41
30	Some optimal variance stopping problems revisited with an application to the Italian Ftse-Mib stock index. <i>Sequential Analysis</i> , 2018, 37, 90-101.	0.2	2
31	Novel relocation methods for automatic external defibrillator improve out-of-hospital cardiac arrest coverage under limited resources. <i>Resuscitation</i> , 2018, 125, 83-89.	1.3	31
32	Bayesian calibration of force-fields from experimental data: TIP4P water. <i>Journal of Chemical Physics</i> , 2018, 149, 154110.	1.2	13
33	Parameter Estimation of Platelets Deposition: Approximate Bayesian Computation With High Performance Computing. <i>Frontiers in Physiology</i> , 2018, 9, 1128.	1.3	5
34	Bayesian inference of spreading processes on networks. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2018, 474, 20180129.	1.0	20
35	Fast Maximum Likelihood Estimation via Equilibrium Expectation for Large Network Data. <i>Scientific Reports</i> , 2018, 8, 11509.	1.6	14
36	Understanding Dependency Patterns in Structural and Functional Brain Connectivity Through fMRI and DTI Data. <i>Springer Proceedings in Mathematics and Statistics</i> , 2018, , 1-22.	0.1	1

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37	Robust identification of highly persistent interest rate regimes. <i>International Journal of Approximate Reasoning</i> , 2017, 83, 102-117.	1.9	2
38	ABCpy. , 2017, , .		20
39	Learning vs earning trade-off with missing or censored observations: The two-armed Bayesian nonparametric beta-Stacy bandit problem. <i>Electronic Journal of Statistics</i> , 2017, 11, .	0.4	1
40	Auxiliary Parameter MCMC for Exponential Random Graph Models. <i>Journal of Statistical Physics</i> , 2016, 165, 740-754.	0.5	16
41	Exploiting Multi-Core Architectures for Reduced-Variance Estimation with Intractable Likelihoods. <i>Bayesian Analysis</i> , 2016, 11, .	1.6	13
42	Efficient computational strategies for doubly intractable problems with applications to Bayesian social networks. <i>Statistics and Computing</i> , 2015, 25, 113-125.	0.8	25
43	A Bayesian High-Frequency Estimator of the Multivariate Covariance of Noisy and Asynchronous Returns. <i>Journal of Financial Econometrics</i> , 2015, 13, 665-697.	0.8	10
44	Reinforced urn processes for credit risk models. <i>Journal of Econometrics</i> , 2015, 184, 1-12.	3.5	12
45	Zero Variance Differential Geometric Markov Chain Monte Carlo Algorithms. <i>Bayesian Analysis</i> , 2014, 9, .	1.6	19
46	Zero variance Markov chain Monte Carlo for Bayesian estimators. <i>Statistics and Computing</i> , 2013, 23, 653-662.	0.8	34
47	A Bayesian Semiparametric Multiplicative Error Model With an Application to Realized Volatility. <i>Journal of Computational and Graphical Statistics</i> , 2013, 22, 558-583.	0.9	5
48	Comment on Article by Schmidl et al.. <i>Bayesian Analysis</i> , 2013, 8, .	1.6	0
49	Parallel hierarchical sampling: A general-purpose interacting Markov chains Monte Carlo algorithm. <i>Computational Statistics and Data Analysis</i> , 2012, 56, 1450-1467.	0.7	14
50	Adaptive Multiple Importance Sampling. <i>Scandinavian Journal of Statistics</i> , 2012, 39, 798-812.	0.9	148
51	Discussion of the paper: "Sampling schemes for generalized linear Dirichlet process random effects models" by M. Kyung, J. Gill, and G. Casella. <i>Statistical Methods and Applications</i> , 2011, 20, 295-297.	0.7	1
52	Non-inferiority randomized trials, an issue between science and ethics: The case of the SYNTAX study. <i>Scandinavian Cardiovascular Journal</i> , 2010, 44, 321-324.	0.4	3
53	DRAM: Efficient adaptive MCMC. <i>Statistics and Computing</i> , 2006, 16, 339-354.	0.8	1,198
54	Stationarity preserving and efficiency increasing probability mass transfers made possible. <i>Computational Statistics</i> , 2006, 21, 509-522.	0.8	2

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55	Complications of percutaneous nephrostomy in the treatment of malignant ureteral obstructions: single-centre review. <i>Radiologia Medica</i> , 2006, 111, 562-571.	4.7	20
56	Efficient Bayes factor estimation from the reversible jump output. <i>Biometrika</i> , 2006, 93, 41-52.	1.3	32
57	MCMC Methods to Estimate Bayesian Parametric Models. <i>Handbook of Statistics</i> , 2005, 25, 415-436.	0.4	5
58	The Stability of Factor Models of Interest Rates. <i>Journal of Financial Econometrics</i> , 2005, 3, 422-441.	0.8	13
59	Delayed rejection variational Monte Carlo. <i>Journal of Chemical Physics</i> , 2004, 121, 3446-3451.	1.2	7
60	A new strategy for speeding Markov chain Monte Carlo algorithms. <i>Statistical Methods and Applications</i> , 2003, 12, 49-60.	0.7	8
61	Efficiency and Convergence Properties of Slice Samplers. <i>Scandinavian Journal of Statistics</i> , 2002, 29, 1-12.	0.9	64
62	Ordering and Improving the Performance of Monte Carlo Markov Chains. <i>Statistical Science</i> , 2001, 16, 340.	1.6	93
63	Efficiency of finite state space Monte Carlo Markov chains. <i>Statistics and Probability Letters</i> , 2001, 54, 405-411.	0.4	6
64	Delayed rejection in reversible jump Metropolis-Hastings. <i>Biometrika</i> , 2001, 88, 1035-1053.	1.3	203
65	Distribution-free test for symmetry based on Bonferroni's measure. <i>Journal of Applied Statistics</i> , 1999, 26, 959-972.	0.6	38
66	Some adaptive Monte Carlo methods for Bayesian inference. , 1999, 18, 2507-2515.		187
67	Scientific Output of US and European Universities Scales Super-Linearly with Resources. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0