Nicholas A Heard

List of Publications by Year
in descending order

29 papers	727 citations	1163117 8 h-index	677142 22 g-index
29 all docs	29 docs citations	29 times ranked	1097 citing authors

#	Article	IF	Citations
1	Mutually Exciting Point Process Graphs for Modeling Dynamic Networks. Journal of Computational and Graphical Statistics, 2023, 32, 116-130.	1.7	3
2	Latent structure blockmodels for Bayesian spectral graph clustering. Statistics and Computing, 2022, 32, 1.	1.5	0
3	Link prediction in dynamic networks using random dot product graphs. Data Mining and Knowledge Discovery, 2021, 35, 2168-2199.	3.7	4
4	Nonparametric self-exciting models for computer network traffic. Statistics and Computing, 2020, 30, 209-220.	1.5	6
5	Bayesian estimation of the latent dimension and communities in stochastic blockmodels. Statistics and Computing, 2020, 30, 1291-1307.	1.5	9
6	Classification of periodic arrivals in event time data for filtering computer network traffic. Statistics and Computing, 2020, 30, 1241-1254.	1.5	5
7	Meta-Analysis of Mid-p-Values: Some New Results based on the Convex Order. Journal of the American Statistical Association, 2019, 114, 1105-1112.	3.1	8
8	On Bayesian new edge prediction and anomaly detection in computer networks. Annals of Applied Statistics, 2019, 13, .	1.1	8
9	Malware Family Discovery Using Reversible Jump MCMC Sampling of Regimes. Journal of the American Statistical Association, 2018, 113, 1490-1502.	3.1	3
10	Choosing between methods of combining p-values. Biometrika, 2018, 105, 239-246.	2.4	101
11	Adaptive Sequential Monte Carlo for Multiple Changepoint Analysis. Journal of Computational and Graphical Statistics, 2017, 26, 414-423.	1.7	4
12	A Bayesian cluster analysis method for single-molecule localization microscopy data. Nature Protocols, 2016, 11, 2499-2514.	12.0	55
13	Disassortativity of computer networks. , 2016, , .		5
14	Modelling user behaviour in a network using computer event logs. Security Science and Technology, 2016, , 67-87.	0.5	8
15	Anomaly detection for cyber security applications. Security Science and Technology, 2016, , 137-156.	0.5	7
16	Convergence of Monte Carlo distribution estimates from rival samplers. Statistics and Computing, 2016, 26, 1147-1161.	1.5	4
17	Bayesian cluster identification in single-molecule localization microscopy data. Nature Methods, 2015, 12, 1072-1076.	19.0	124
18	Application of a Linear Time Method for Change Point Detection to the Classification of Software. , 2014, , .		1

#	Article	IF	Citations
19	Three Statistical Approaches to Sessionizing Network Flow Data. , 2014, , .		2
20	Detecting Localised Anomalous Behaviour in a Computer Network. Lecture Notes in Computer Science, 2014, , 321-332.	1.3	6
21	DYNAMIC BAYESIAN CLUSTERING. Journal of Bioinformatics and Computational Biology, 2013, 11, 1342001.	0.8	5
22	On two€way Bayesian agglomerative clustering of gene expression data. Statistical Analysis and Data Mining, 2012, 5, 463-476.	2.8	0
23	Iterative Reclassification in Agglomerative Clustering. Journal of Computational and Graphical Statistics, 2011, 20, 920-936.	1.7	8
24	Bayesian anomaly detection methods for social networks. Annals of Applied Statistics, 2010, 4, .	1.1	112
25	Dissecting the fission yeast regulatory network reveals phase-specific control elements of its cell cycle. BMC Systems Biology, 2009, 3, 93.	3.0	10
26	A Quantitative Study of Gene Regulation Involved in the Immune Response of Anopheline Mosquitoes. Journal of the American Statistical Association, 2006, 101, 18-29.	3.1	170
27	Bayesian coclustering of Anopheles gene expression time series: Study of immune defense response to multiple experimental challenges. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 16939-16944.	7.1	56
28	Standardized partial sums and products of p-values. Journal of Computational and Graphical Statistics, 0, , 1-22.	1.7	0
29	Spectral Clustering on Spherical Coordinates Under the Degree-Corrected Stochastic Blockmodel. Technometrics, 0, , 1-12.	1.9	3