

Tyler H McCormick

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

1,330
citations

516710

16
h-index

414414

32
g-index

41
all docs

41
docs citations

41
times ranked

1370
citing authors

#	ARTICLE	IF	CITATIONS
1	Segregation in Social Networks Based on Acquaintanceship and Trust. <i>American Journal of Sociology</i> , 2011, 116, 1234-1283.	0.5	230
2	How Many People Do You Know?: Efficiently Estimating Personal Network Size. <i>Journal of the American Statistical Association</i> , 2010, 105, 59-70.	3.1	168
3	Using Twitter for Demographic and Social Science Research: Tools for Data Collection and Processing. <i>Sociological Methods and Research</i> , 2017, 46, 390-421.	6.8	140
4	RACIAL INEQUALITIES IN CONNECTEDNESS TO IMPRISONED INDIVIDUALS IN THE UNITED STATES. <i>Du Bois Review</i> , 2015, 12, 269-282.	0.6	96
5	#Proana: Pro-Eating Disorder Socialization on Twitter. <i>Journal of Adolescent Health</i> , 2016, 58, 659-664.	2.5	83
6	Probabilistic Cause-of-Death Assignment Using Verbal Autopsies. <i>Journal of the American Statistical Association</i> , 2016, 111, 1036-1049.	3.1	77
7	Promises and Pitfalls of Using Digital Traces for Demographic Research. <i>Demography</i> , 2018, 55, 1979-1999.	2.5	66
8	A Practical Guide to Measuring Social Structure Using Indirectly Observed Network Data. <i>Journal of Statistical Theory and Practice</i> , 2013, 7, 120-132.	0.5	59
9	Dynamic Logistic Regression and Dynamic Model Averaging for Binary Classification. <i>Biometrics</i> , 2012, 68, 23-30.	1.4	55
10	Using Aggregated Relational Data to Feasibly Identify Network Structure without Network Data. <i>American Economic Review</i> , 2020, 110, 2454-2484.	8.5	49
11	Estimating population size using the network scale up method. <i>Annals of Applied Statistics</i> , 2015, 9, 1247-1277.	1.1	36
12	Estimating uncertainty in respondent-driven sampling using a tree bootstrap method. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 14668-14673.	7.1	31
13	Latent Surface Models for Networks Using Aggregated Relational Data. <i>Journal of the American Statistical Association</i> , 2015, 110, 1684-1695.	3.1	28
14	Methods for correcting inference based on outcomes predicted by machine learning. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 30266-30275.	7.1	28
15	Latent space models for multiview network data. <i>Annals of Applied Statistics</i> , 2017, 11, 1217-1244.	1.1	26
16	Analytics for Power Grid Distribution Reliability in New York City. <i>Interfaces</i> , 2014, 44, 364-383.	1.5	19
17	A Hierarchical Model for Association Rule Mining of Sequential Events: An Approach to Automated Medical Symptom Prediction. <i>SSRN Electronic Journal</i> , 0, , .	0.4	17
18	Automated versus physician assignment of cause of death for verbal autopsies: randomized trial of 9374 deaths in 117 villages in India. <i>BMC Medicine</i> , 2019, 17, 116.	5.5	16

#	ARTICLE	IF	CITATIONS
19	Big data, big results: Knowledge discovery in output from large-scale analytics. <i>Statistical Analysis and Data Mining</i> , 2014, 7, 404-412.	2.8	13
20	Multiresolution Network Models. <i>Journal of Computational and Graphical Statistics</i> , 2019, 28, 185-196.	1.7	12
21	Introducing Bayesian Analysis With m^* : An Active-Learning Exercise for Undergraduates. <i>Journal of Statistics Education</i> , 2019, 27, 60-67.	1.4	11
22	An Expectation Conditional Maximization Approach for Gaussian Graphical Models. <i>Journal of Computational and Graphical Statistics</i> , 2019, 28, 767-777.	1.7	11
23	Beyond Prediction: A Framework for Inference With Variational Approximations in Mixture Models. <i>Journal of Computational and Graphical Statistics</i> , 2019, 28, 778-789.	1.7	9
24	Latent demographic profile estimation in hard-to-reach groups. <i>Annals of Applied Statistics</i> , 2012, 6, 1795-1813.	1.1	8
25	Anomaly Detection in Large-Scale Networks With Latent Space Models. <i>Technometrics</i> , 2022, 64, 241-252.	1.9	8
26	Quantifying heterogeneity in SARS-CoV-2 transmission during the lockdown in India. <i>Epidemics</i> , 2021, 36, 100477.	3.0	7
27	Bayesian factor models for probabilistic cause of death assessment with verbal autopsies. <i>Annals of Applied Statistics</i> , 2020, 14, 241-256.	1.1	5
28	Surveying Hard-to-Reach Groups Through Sampled Respondents in a Social Network. <i>Statistics in Biosciences</i> , 2012, 4, 177-195.	1.2	4
29	Modeling recovery curves with application to prostatectomy. <i>Biostatistics</i> , 2019, 20, 549-564.	1.5	4
30	Modeling the social media relationships of Irish politicians using a generalized latent space stochastic blockmodel. <i>Annals of Applied Statistics</i> , 2021, 15, .	1.1	3
31	Non-confirming replication of "Performance of InSilicoVA for assigning causes of death to verbal autopsies: multisite validation study using clinical diagnostic gold standards," by Flaxman et al.. <i>BMC Medicine</i> , 2020, 18, 69.	5.5	2
32	Network-based methods for accessing hard-to-survey populations using standard surveys. , 0, , 485-502.		1
33	Bayesian Joint Spike-and-Slab Graphical Lasso. <i>Proceedings of Machine Learning Research</i> , 2019, 97, 3877-3885.	0.3	1
34	Adapting and validating the log quadratic model to derive under-five age- and cause-specific mortality (U5ACSM): a preliminary analysis. <i>Population Health Metrics</i> , 2022, 20, 3.	2.7	1
35	Inferring social structure from continuous-time interaction data. <i>Applied Stochastic Models in Business and Industry</i> , 2018, 34, 87-104.	1.5	0
36	Rejoinder to "Inferring social structure from continuous-time interaction data". <i>Applied Stochastic Models in Business and Industry</i> , 2018, 34, 110-112.	1.5	0

#	ARTICLE	IF	CITATIONS
37	Consistency for the tree bootstrap in respondent-driven sampling. <i>Biometrika</i> , 2020, 107, 497-504.	2.4	0
38	A flexible Bayesian framework to estimate age- and cause-specific child mortality over time from sample registration data. <i>Annals of Applied Statistics</i> , 2022, 16, .	1.1	0
39	Regression of exchangeable relational arrays. <i>Biometrika</i> , 0, , .	2.4	0