

Mohsen Bayati

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

2,198
citations

471509

17
h-index

610901

24
g-index

34
all docs

34
docs citations

34
times ranked

1434
citing authors

#	ARTICLE	IF	CITATIONS
1	Mostly Exploration-Free Algorithms for Contextual Bandits. <i>Management Science</i> , 2021, 67, 1329-1349.	4.1	66
2	PatientFlowNet: A Deep Learning Approach to Patient Flow Prediction in Emergency Departments. <i>IEEE Access</i> , 2021, 9, 45552-45561.	4.2	12
3	Matrix Completion Methods for Causal Panel Data Models. <i>Journal of the American Statistical Association</i> , 2021, 116, 1716-1730.	3.1	105
4	Frustration With Technology and its Relation to Emotional Exhaustion Among Health Care Workers: Cross-sectional Observational Study. <i>Journal of Medical Internet Research</i> , 2021, 23, e26817.	4.3	8
5	Online Decision Making with High-Dimensional Covariates. <i>Operations Research</i> , 2020, 68, 276-294.	1.9	148
6	Evidence of Upcoding in Pay-for-Performance Programs. <i>Management Science</i> , 2019, 65, 1042-1060.	4.1	42
7	Ensemble Methods for Causal Effects in Panel Data Settings. <i>AEA Papers and Proceedings American Economic Association</i> , 2019, 109, 65-70.	1.2	24
8	Data Uncertainty in Markov Chains: Application to Cost-Effectiveness Analyses of Medical Innovations. <i>Operations Research</i> , 2018, 66, 697-715.	1.9	17
9	Statistical analysis of a low cost method for multiple disease prediction. <i>Statistical Methods in Medical Research</i> , 2018, 27, 2312-2328.	1.5	9
10	Generating Random Networks Without Short Cycles. <i>Operations Research</i> , 2018, 66, 1227-1246.	1.9	0
11	Accurate Emergency Department Wait Time Prediction. <i>Manufacturing and Service Operations Management</i> , 2016, 18, 141-156.	3.7	90
12	Active Postmarketing Drug Surveillance for Multiple Adverse Events. <i>Operations Research</i> , 2015, 63, 1528-1546.	1.9	6
13	Universality in polytope phase transitions and message passing algorithms. <i>Annals of Applied Probability</i> , 2015, 25, .	1.3	104
14	Bargaining dynamics in exchange networks. <i>Journal of Economic Theory</i> , 2015, 156, 417-454.	1.1	30
15	A Low-Cost Method for Multiple Disease Prediction. <i>AMIA ... Annual Symposium proceedings</i> , 2015, 2015, 329-38.	0.2	1
16	Data-Driven Decisions for Reducing Readmissions for Heart Failure: General Methodology and Case Study. <i>PLoS ONE</i> , 2014, 9, e109264.	2.5	94
17	Message-Passing Algorithms for Sparse Network Alignment. <i>ACM Transactions on Knowledge Discovery From Data</i> , 2013, 7, 1-31.	3.5	62
18	Combinatorial approach to the interpolation method and scaling limits in sparse random graphs. <i>Annals of Probability</i> , 2013, 41, .	1.8	53

#	ARTICLE	IF	CITATIONS
19	Universality in polytope phase transitions and iterative algorithms. , 2012, , .		25
20	The LASSO Risk for Gaussian Matrices. IEEE Transactions on Information Theory, 2012, 58, 1997-2017.	2.4	160
21	Belief Propagation for Weighted b-Matchings on Arbitrary Graphs and its Relation to Linear Programs with Integer Solutions. SIAM Journal on Discrete Mathematics, 2011, 25, 989-1011.	0.8	40
22	The Dynamics of Message Passing on Dense Graphs, with Applications to Compressed Sensing. IEEE Transactions on Information Theory, 2011, 57, 764-785.	2.4	692
23	A Sequential Algorithm for Generating Random Graphs. Algorithmica, 2010, 58, 860-910.	1.3	80
24	The dynamics of message passing on dense graphs, with applications to compressed sensing. , 2010, , .		21
25	Generating Random Graphs with Large Girth. , 2009, , .		10
26	Generating random Tanner-graphs with large girth. , 2009, , .		2
27	Algorithms for Large, Sparse Network Alignment Problems. , 2009, , .		106
28	Max-Product for Maximum Weight Matching: Convergence, Correctness, and LP Duality. IEEE Transactions on Information Theory, 2008, 54, 1241-1251.	2.4	149
29	A rigorous analysis of the cavity equations for the minimum spanning tree. Journal of Mathematical Physics, 2008, 49, 125206.	1.1	14
30	On the exactness of the cavity method for weighted b-matchings on arbitrary graphs and its relation to linear programs. Journal of Statistical Mechanics: Theory and Experiment, 2008, 2008, L06001.	2.3	24
31	Generating Random Networks Without Short Cycles. SSRN Electronic Journal, 0, , .	0.4	0
32	Low-Acuity Patients Delay High-Acuity Patients in the ED. SSRN Electronic Journal, 0, , .	0.4	3