

Elizaveta Levina

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

2,563
citations

331670

21
h-index

454955

30
g-index

34
all docs

34
docs citations

34
times ranked

2071
citing authors

#	ARTICLE	IF	CITATIONS
1	Some theory for Fisher's linear discriminant function, 'naive Bayes', and some alternatives when there are many more variables than observations. Bernoulli, 2004, 10, 989.	1.3	379
2	Generalized Thresholding of Large Covariance Matrices. Journal of the American Statistical Association, 2009, 104, 177-186.	3.1	332
3	Joint estimation of multiple graphical models. Biometrika, 2011, 98, 1-15.	2.4	297
4	Sparse Multivariate Regression With Covariance Estimation. Journal of Computational and Graphical Statistics, 2010, 19, 947-962.	1.7	236
5	Consistency of community detection in networks under degree-corrected stochastic block models. Annals of Statistics, 2012, 40, .	2.6	218
6	Pseudo-likelihood methods for community detection in large sparse networks. Annals of Statistics, 2013, 41, .	2.6	208
7	Community extraction for social networks. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 7321-7326.	7.1	123
8	Local Vote Decision Fusion for Target Detection in Wireless Sensor Networks. IEEE Transactions on Signal Processing, 2008, 56, 329-338.	5.3	97
9	Network cross-validation by edge sampling. Biometrika, 2020, 107, 257-276.	2.4	67
10	Pairwise Variable Selection for High-Dimensional Model-Based Clustering. Biometrics, 2010, 66, 793-804.	1.4	66
11	Concentration and regularization of random graphs. Random Structures and Algorithms, 2017, 51, 538-561.	1.1	60
12	Basic Units of Inter-Individual Variation in Resting State Connectomes. Scientific Reports, 2019, 9, 1900.	3.3	57
13	Texture synthesis and nonparametric resampling of random fields. Annals of Statistics, 2006, 34, 1751.	2.6	47
14	A sparse ising model with covariates. Biometrics, 2014, 70, 943-953.	1.4	41
15	Estimating network edge probabilities by neighbourhood smoothing. Biometrika, 2017, 104, 771-783.	2.4	39
16	Detecting Overlapping Communities in Networks Using Spectral Methods. SIAM Journal on Mathematics of Data Science, 2020, 2, 265-283.	1.8	37
17	High-Dimensional Mixed Graphical Models. Journal of Computational and Graphical Statistics, 2017, 26, 367-378.	1.7	33
18	Network classification with applications to brain connectomics. Annals of Applied Statistics, 2019, 13, 1648-1677.	1.1	32

#	ARTICLE	IF	CITATIONS
19	Link Prediction for Partially Observed Networks. <i>Journal of Computational and Graphical Statistics</i> , 2017, 26, 725-733.	1.7	28
20	Graphical Models for Ordinal Data. <i>Journal of Computational and Graphical Statistics</i> , 2015, 24, 183-204.	1.7	25
21	Hierarchical Community Detection by Recursive Partitioning. <i>Journal of the American Statistical Association</i> , 2022, 117, 951-968.	3.1	25
22	Robust Target Localization From Binary Decisions in Wireless Sensor Networks. <i>Technometrics</i> , 2008, 50, 448-461.	1.9	24
23	Estimating heterogeneous graphical models for discrete data with an application to roll call voting. <i>Annals of Applied Statistics</i> , 2015, 9, 821-848.	1.1	19
24	Partial estimation of covariance matrices. <i>Probability Theory and Related Fields</i> , 2012, 153, 405-419.	1.8	17
25	Optimization via low-rank approximation for community detection in networks. <i>Annals of Statistics</i> , 2016, 44, .	2.6	17
26	Estimating the number of communities by spectral methods. <i>Electronic Journal of Statistics</i> , 2022, 16, .	0.7	13
27	Role of sensor noise in hyperspectral remote sensing of natural waters: Application to retrieval of phytoplankton pigments. <i>Remote Sensing of Environment</i> , 2005, 95, 264-271.	11.0	10
28	Tracking Multiple Targets Using Binary Decisions From Wireless Sensor Networks. <i>Journal of the American Statistical Association</i> , 2013, 108, 398-410.	3.1	8
29	Comment: Ridge Regression and Regularization of Large Matrices. <i>Technometrics</i> , 2020, 62, 443-446.	1.9	3
30	Latent space models for multiplex networks with shared structure. <i>Biometrika</i> , 2022, 109, 683-706.	2.4	3
31	Overlapping Community Detection in Networks via Sparse Spectral Decomposition. <i>Sankhya A</i> , 0, , 1.	0.8	1
32	CONCENTRATION OF RANDOM GRAPHS AND APPLICATION TO COMMUNITY DETECTION. , 2019, , .		1
33	Remembering Chen Wenâ€chen. <i>Significance</i> , 2021, 18, 38-38.	0.4	0
34	Discussion of â€œCo-citation and Co-authorship Networks of Statisticiansâ€•by Pengsheng Ji, Jiashun Jin, Zheng Tracy Ke, and Wanshan Li. <i>Journal of Business and Economic Statistics</i> , 2022, 40, 492-493.	2.9	0