

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	Hierarchical Community Detection by Recursive Partitioning. Journal of the American Statistical Association, 2022, 117, 951-968.	3.1	25
2	Latent space models for multiplex networks with shared structure. Biometrika, 2022, 109, 683-706.	2.4	3
3	Discussion of "Co-citation and Co-authorship Networks of Statisticians" by Pengsheng Ji, Jiashun Jin, Zheng Tracy Ke, and Wanshan Li. Journal of Business and Economic Statistics, 2022, 40, 492-493.	2.9	0
4	Estimating the number of communities by spectral methods. Electronic Journal of Statistics, 2022, 16, .	0.7	13
5	Remembering Chen Wenchen. Significance, 2021, 18, 38-38.	0.4	0
6	Comment: Ridge Regression and Regularization of Large Matrices. Technometrics, 2020, 62, 443-446.	1.9	3
7	Network cross-validation by edge sampling. Biometrika, 2020, 107, 257-276.	2.4	67
8	Detecting Overlapping Communities in Networks Using Spectral Methods. SIAM Journal on Mathematics of Data Science, 2020, 2, 265-283.	1.8	37
9	Basic Units of Inter-Individual Variation in Resting State Connectomes. Scientific Reports, 2019, 9, 1900.	3.3	57
10	Network classification with applications to brain connectomics. Annals of Applied Statistics, 2019, 13, 1648-1677.	1.1	32
11	CONCENTRATION OF RANDOM GRAPHS AND APPLICATION TO COMMUNITY DETECTION. , 2019, , .		1
12	Link Prediction for Partially Observed Networks. Journal of Computational and Graphical Statistics, 2017, 26, 725-733.	1.7	28
13	Concentration and regularization of random graphs. Random Structures and Algorithms, 2017, 51, 538-561.	1.1	60
14	High-Dimensional Mixed Graphical Models. Journal of Computational and Graphical Statistics, 2017, 26, 367-378.	1.7	33
15	Estimating network edge probabilities by neighbourhood smoothing. Biometrika, 2017, 104, 771-783.	2.4	39
16	Optimization via low-rank approximation for community detection in networks. Annals of Statistics, 2016, 44, .	2.6	17
17	Estimating heterogeneous graphical models for discrete data with an application to roll call voting. Annals of Applied Statistics, 2015, 9, 821-848.	1.1	19
18	Graphical Models for Ordinal Data. Journal of Computational and Graphical Statistics, 2015, 24, 183-204.	1.7	25

#	ARTICLE	IF	CITATIONS
19	A sparse ising model with covariates. <i>Biometrics</i> , 2014, 70, 943-953.	1.4	41
20	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
21	Pseudo-likelihood methods for community detection in large sparse networks. <i>Annals of Statistics</i> , 2013, 41, .	2.6	208
22	Consistency of community detection in networks under degree-corrected stochastic block models. <i>Annals of Statistics</i> , 2012, 40, .	2.6	218
23	Partial estimation of covariance matrices. <i>Probability Theory and Related Fields</i> , 2012, 153, 405-419.	1.8	17
24	Joint estimation of multiple graphical models. <i>Biometrika</i> , 2011, 98, 1-15.	2.4	297
25	Community extraction for social networks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 7321-7326.	7.1	123
26	Pairwise Variable Selection for High-Dimensional Model-Based Clustering. <i>Biometrics</i> , 2010, 66, 793-804.	1.4	66
27	Sparse Multivariate Regression With Covariance Estimation. <i>Journal of Computational and Graphical Statistics</i> , 2010, 19, 947-962.	1.7	236
28	Generalized Thresholding of Large Covariance Matrices. <i>Journal of the American Statistical Association</i> , 2009, 104, 177-186.	3.1	332
29	Local Vote Decision Fusion for Target Detection in Wireless Sensor Networks. <i>IEEE Transactions on Signal Processing</i> , 2008, 56, 329-338.	5.3	97
30	Robust Target Localization From Binary Decisions in Wireless Sensor Networks. <i>Technometrics</i> , 2008, 50, 448-461.	1.9	24
31	Texture synthesis and nonparametric resampling of random fields. <i>Annals of Statistics</i> , 2006, 34, 1751.	2.6	47
32	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
33	Some theory for Fisher's linear discriminant function, 'naive Bayes', and some alternatives when there are many more variables than observations. <i>Bernoulli</i> , 2004, 10, 989.	1.3	379
34	Overlapping Community Detection in Networks via Sparse Spectral Decomposition. <i>Sankhya A</i> , 0, , 1.	0.8	1