David Gleich

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Higher-order organization of complex networks. Science, 2016, 353, 163-166.	12.6	708
2	PageRank Beyond the Web. SIAM Review, 2015, 57, 321-363.	9.5	414
3	Overlapping Community Detection Using Neighborhood-Inflated Seed Expansion. IEEE Transactions on Knowledge and Data Engineering, 2016, 28, 1272-1284.	5.7	194
4	Multilinear PageRank. SIAM Journal on Matrix Analysis and Applications, 2015, 36, 1507-1541.	1.4	75
5	Parallel Maximum Clique Algorithms with Applications to Network Analysis. SIAM Journal of Scientific Computing, 2015, 37, C589-C616.	2.8	62
6	The Spacey Random Walk: A Stochastic Process for Higher-Order Data. SIAM Review, 2017, 59, 321-345.	9.5	51
7	Non-Exhaustive, Overlapping Clustering. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 2644-2659.	13.9	24
8	An Optimization Approach to Locally-Biased Graph Algorithms. Proceedings of the IEEE, 2017, 105, 256-272.	21.3	11
9	Nonlinear Diffusion for Community Detection and Semi-Supervised Learning. , 2019, , .		11
10	Computing Tensor \$Z\$-Eigenvectors with Dynamical Systems. SIAM Journal on Matrix Analysis and Applications, 2019, 40, 1311-1324.	1.4	10
11	The HyperKron Graph Model for Higher-Order Features. , 2018, , .		6
12	Coin-Flipping, Ball-Dropping, and Grass-Hopping for Generating Random Graphs from Matrices of Edge Probabilities. SIAM Review, 2019, 61, 549-595.	9.5	6
13	Learning Resolution Parameters for Graph Clustering. , 2019, , .		4
14	Metric-Constrained Optimization for Graph Clustering Algorithms. SIAM Journal on Mathematics of Data Science, 2019, 1, 333-355.	1.8	4
15	Using Cliques with Higher-order Spectral Embeddings Improves Graph Visualizations. , 2020, , .		4
16	Multiway Monte Carlo Method for Linear Systems. SIAM Journal of Scientific Computing, 2019, 41, A3449-A3475.	2.8	2
17	Localization in Seeded PageRank. Internet Mathematics, 2017, , .	0.7	0