David Gleich

List of Publications by Year in Descending Order

14 papers	979 citations	7 h-index	17 g-index
17 ext. papers	1,293 ext. citations	7.7 avg, IF	5.33 L-index

#	Paper	IF	Citations
14	Nonlinear Diffusion for Community Detection and Semi-Supervised Learning **2019**,		6
13	Non-Exhaustive, Overlapping Clustering. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2019**, 41, 2644-2659	13.3	9
12	Coin-Flipping, Ball-Dropping, and Grass-Hopping for Generating Random Graphs from Matrices of Edge Probabilities. *SIAM Review*, **2019**, 61, 549-595	7.4	2
11	Metric-Constrained Optimization for Graph Clustering Algorithms. *SIAM Journal on Mathematics of Data Science*, **2019**, 1, 333-355	3.1	2
10	Computing Tensor Z-Eigenvectors with Dynamical Systems. *SIAM Journal on Matrix Analysis and Applications*, **2019**, 40, 1311-1324	1.5	5
9	Multiway Monte Carlo Method for Linear Systems. *SIAM Journal of Scientific Computing*, **2019**, 41, A3449-A3475	2.6	
8	The HyperKron Graph Model for Higher-Order Features **2018**,		2
7	The Spacey Random Walk: A Stochastic Process for Higher-Order Data. *SIAM Review*, **2017**, 59, 321-345	7.4	35
6	. *Proceedings of the IEEE*, **2017**, 105, 256-272	14.3	5
5	Overlapping Community Detection Using Neighborhood-Inflated Seed Expansion. *IEEE Transactions on Knowledge and Data Engineering*, **2016**, 28, 1272-1284	4.2	143
4	Higher-order organization of complex networks. *Science*, **2016**, 353, 163-6	33.3	429
3	PageRank Beyond the Web. *SIAM Review*, **2015**, 57, 321-363	7.4	254
2	Parallel Maximum Clique Algorithms with Applications to Network Analysis. *SIAM Journal of Scientific Computing*, **2015**, 37, C589-C616	2.6	32
1	Multilinear PageRank. *SIAM Journal on Matrix Analysis and Applications*, **2015**, 36, 1507-1541	1.5	55