Inderjit S Dhillon

List of Publications by Year
in descending order

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34	3,686	471061 17	580395 25
papers	citations	h-index	g-index

35	35	35	3316
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Non-Exhaustive, Overlapping Clustering. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 2644-2659.	9.7	24
2	Partial Hard Thresholding. IEEE Transactions on Information Theory, 2017, 63, 3029-3038.	1.5	9
3	Clustered Matrix Approximation. SIAM Journal on Matrix Analysis and Applications, 2016, 37, 1531-1555.	0.7	4
4	Goal-Directed Inductive Matrix Completion. , 2016, , .		19
5	Overlapping Community Detection Using Neighborhood-Inflated Seed Expansion. IEEE Transactions on Knowledge and Data Engineering, 2016, 28, 1272-1284.	4.0	194
6	A Convex Atomic-Norm Approach to Multiple Sequence Alignment and Motif Discovery. JMLR Workshop and Conference Proceedings, 2016, 48, 2272-2280.	1.4	2
7	Square Root Graphical Models: Multivariate Generalizations of Univariate Exponential Families that Permit Positive Dependencies. JMLR Workshop and Conference Proceedings, 2016, 48, 2445-2453.	1.4	5
8	Inductive matrix completion for predicting geneâ€“disease associations. Bioinformatics, 2014, 30, i60-i68.	1.8	274
9	Parallel matrix factorization for recommender systems. Knowledge and Information Systems, 2014, 41, 793-819.	2.1	147
10	Stochastic Blockmodel with Cluster Overlap, Relevance Selection, and Similarity-Based Smoothing. , 2013, , .		6
11	Prediction and Validation of Gene-Disease Associations Using Methods Inspired by Social Network Analyses. PLoS ONE, 2013, 8, e58977.	1.1	114
12	Clustered embedding of massive social networks. Performance Evaluation Review, 2012, 40, 331-342.	0.4	2
13	On a Zero-Finding Problem Involving the Matrix Exponential. SIAM Journal on Matrix Analysis and Applications, 2012, 33, 1237-1249.	0.7	0
14	Scalable and Memory-Efficient Clustering of Large-Scale Social Networks. , 2012, , .		23
15	Clustered low rank approximation of graphs in information science applications. , 2011, , .		30
16	Fast coordinate descent methods with variable selection for non-negative matrix factorization. , 2011, , .		132
17	Supervised Link Prediction Using Multiple Sources. , 2010, , .		82
18	Clustering with Multiple Graphs. , 2009, , .		213

#	Article	IF	Citations
19	Simultaneous Unsupervised Learning of Disparate Clusterings. Statistical Analysis and Data Mining, 2008, 1, 195-210.	1.4	42
20	Fast Projection-Based Methods for the Least Squares Nonnegative Matrix Approximation Problem. Statistical Analysis and Data Mining, 2008, 1, 38-51.	1.4	37
21	Matrix Nearness Problems with Bregman Divergences. SIAM Journal on Matrix Analysis and Applications, 2008, 29, 1120-1146.	0.7	115
22	Weighted Graph Cuts without Eigenvectors A Multilevel Approach. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2007, 29, 1944-1957.	9.7	719
23	The design and implementation of the MRRR algorithm. ACM Transactions on Mathematical Software, 2006, 32, 533-560.	1.6	68
24	Glued Matrices and the MRRR Algorithm. SIAM Journal of Scientific Computing, 2005, 27, 496-510.	1.3	15
25	A Parallel Eigensolver for Dense Symmetric Matrices Based on Multiple Relatively Robust Representations. SIAM Journal of Scientific Computing, 2005, 27, 43-66.	1.3	44
26	Multiple representations to compute orthogonal eigenvectors of symmetric tridiagonal matrices. Linear Algebra and Its Applications, 2004, 387, 1-28.	0.4	115
27	Orthogonal Eigenvectors and Relative Gaps. SIAM Journal on Matrix Analysis and Applications, 2003, 25, 858-899.	0.7	82
28	Diametrical clustering for identifying anti-correlated gene clusters. Bioinformatics, 2003, 19, 1612-1619.	1.8	82
29	Class visualization of high-dimensional data with applications. Computational Statistics and Data Analysis, 2002, 41, 59-90.	0.7	35
30	Concept Decompositions for Large Sparse Text Data Using Clustering. , 2001, 42, 143-175.		925
31	Relatively robust representations of symmetric tridiagonals. Linear Algebra and Its Applications, 2000, 309, 121-151.	0.4	52
32	Current inverse iteration software can fail. BIT Numerical Mathematics, 1998, 38, 685-704.	1.0	14
33	Reliable Computation of the Condition Number of a Tridiagonal Matrix in O(n) Time. SIAM Journal on Matrix Analysis and Applications, 1998, 19, 776-796.	0.7	17
34	Fernando's solution to Wilkinson's problem: An application of double factorization. Linear Algebra and Its Applications, 1997, 267, 247-279.	0.4	44