

Inderjit S Dhillon

List of Publications by Year in descending order

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34
papers

3,686
citations

471061

17
h-index

580395

25
g-index

35
all docs

35
docs citations

35
times ranked

3316
citing authors

#	ARTICLE	IF	CITATIONS
1	Concept Decompositions for Large Sparse Text Data Using Clustering. , 2001, 42, 143-175.		925
2	Weighted Graph Cuts without Eigenvectors A Multilevel Approach. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2007, 29, 1944-1957.	9.7	719
3	Inductive matrix completion for predicting geneâ€“disease associations. Bioinformatics, 2014, 30, i60-i68.	1.8	274
4	Clustering with Multiple Graphs. , 2009, , .		213
5	Overlapping Community Detection Using Neighborhood-Inflated Seed Expansion. IEEE Transactions on Knowledge and Data Engineering, 2016, 28, 1272-1284.	4.0	194
6	Parallel matrix factorization for recommender systems. Knowledge and Information Systems, 2014, 41, 793-819.	2.1	147
7	Fast coordinate descent methods with variable selection for non-negative matrix factorization. , 2011, , .		132
8	Multiple representations to compute orthogonal eigenvectors of symmetric tridiagonal matrices. Linear Algebra and Its Applications, 2004, 387, 1-28.	0.4	115
9	Matrix Nearness Problems with Bregman Divergences. SIAM Journal on Matrix Analysis and Applications, 2008, 29, 1120-1146.	0.7	115
10	Prediction and Validation of Gene-Disease Associations Using Methods Inspired by Social Network Analyses. PLoS ONE, 2013, 8, e58977.	1.1	114
11	Orthogonal Eigenvectors and Relative Gaps. SIAM Journal on Matrix Analysis and Applications, 2003, 25, 858-899.	0.7	82
12	Diametrical clustering for identifying anti-correlated gene clusters. Bioinformatics, 2003, 19, 1612-1619.	1.8	82
13	Supervised Link Prediction Using Multiple Sources. , 2010, , .		82
14	The design and implementation of the MRRR algorithm. ACM Transactions on Mathematical Software, 2006, 32, 533-560.	1.6	68
15	Relatively robust representations of symmetric tridiagonals. Linear Algebra and Its Applications, 2000, 309, 121-151.	0.4	52
16	Fernando's solution to Wilkinson's problem: An application of double factorization. Linear Algebra and Its Applications, 1997, 267, 247-279.	0.4	44
17	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
18	Simultaneous Unsupervised Learning of Disparate Clusterings. Statistical Analysis and Data Mining, 2008, 1, 195-210.	1.4	42

#	ARTICLE	IF	CITATIONS
19	Fast Projection-Based Methods for the Least Squares Nonnegative Matrix Approximation Problem. <i>Statistical Analysis and Data Mining</i> , 2008, 1, 38-51.	1.4	37
20	Class visualization of high-dimensional data with applications. <i>Computational Statistics and Data Analysis</i> , 2002, 41, 59-90.	0.7	35
21	Clustered low rank approximation of graphs in information science applications. , 2011, , .		30
22	Non-Exhaustive, Overlapping Clustering. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2019, 41, 2644-2659.	9.7	24
23	Scalable and Memory-Efficient Clustering of Large-Scale Social Networks. , 2012, , .		23
24	Goal-Directed Inductive Matrix Completion. , 2016, , .		19
25	Reliable Computation of the Condition Number of a Tridiagonal Matrix in $O(n)$ Time. <i>SIAM Journal on Matrix Analysis and Applications</i> , 1998, 19, 776-796.	0.7	17
26	Glued Matrices and the MRRR Algorithm. <i>SIAM Journal of Scientific Computing</i> , 2005, 27, 496-510.	1.3	15
27	Current inverse iteration software can fail. <i>BIT Numerical Mathematics</i> , 1998, 38, 685-704.	1.0	14
28	Partial Hard Thresholding. <i>IEEE Transactions on Information Theory</i> , 2017, 63, 3029-3038.	1.5	9
29	Stochastic Blockmodel with Cluster Overlap, Relevance Selection, and Similarity-Based Smoothing. , 2013, , .		6
30	Square Root Graphical Models: Multivariate Generalizations of Univariate Exponential Families that Permit Positive Dependencies. <i>JMLR Workshop and Conference Proceedings</i> , 2016, 48, 2445-2453.	1.4	5
31	Clustered Matrix Approximation. <i>SIAM Journal on Matrix Analysis and Applications</i> , 2016, 37, 1531-1555.	0.7	4
32	Clustered embedding of massive social networks. <i>Performance Evaluation Review</i> , 2012, 40, 331-342.	0.4	2
33	A Convex Atomic-Norm Approach to Multiple Sequence Alignment and Motif Discovery. <i>JMLR Workshop and Conference Proceedings</i> , 2016, 48, 2272-2280.	1.4	2
34	On a Zero-Finding Problem Involving the Matrix Exponential. <i>SIAM Journal on Matrix Analysis and Applications</i> , 2012, 33, 1237-1249.	0.7	0