Hillol Kargupta

List of Publications by Year
in descending order

23 papers	**1,228** citations	623734 **14** h-index	888059 **17** g-index
24 all docs	**24** docs citations	**24** times ranked	**1000** citing authors

#	Article	IF	Citations
1	In-network outlier detection in wireless sensor networks. Knowledge and Information Systems, 2013, 34, 23-54.	3.2	206
2	Random-data perturbation techniques and privacy-preserving data mining. Knowledge and Information Systems, 2005, 7, 387-414.	3.2	147
3	Distributed Clustering Using Collective Principal Component Analysis. Knowledge and Information Systems, 2001, 3, 422-448.	3.2	118
4	Approximate Distributed K-Means Clustering over a Peer-to-Peer Network. IEEE Transactions on Knowledge and Data Engineering, 2009, 21, 1372-1388.	5.7	112
5	MobiMine. SIGKDD Explorations: Newsletter of the Special Interest Group (SIG) on Knowledge Discovery & Data Mining, 2002, 3, 37-46.	4.0	90
6	Distributed data mining and agents. Engineering Applications of Artificial Intelligence, 2005, 18, 791-807.	8.1	89
7	K-Means Clustering Over a Large, Dynamic Network. , 2006, , .		82
8	Distributed Decision‐Tree Induction in Peer‐to‐Peer Systems. Statistical Analysis and Data Mining, 2008, 1, 85-103.	2.8	46
9	A Generic Local Algorithm for Mining Data Streams in Large Distributed Systems. IEEE Transactions on Knowledge and Data Engineering, 2009, 21, 465-478.	5.7	42
10	A local asynchronous distributed privacy preserving feature selection algorithm for large peer-to-peer networks. Knowledge and Information Systems, 2010, 24, 341-367.	3.2	33
11	Distributed Identification of Top-l Inner Product Elements and its Application in a Peer-to-Peer Network. IEEE Transactions on Knowledge and Data Engineering, 2008, 20, 475-488.	5.7	27
12	Local L2-Thresholding Based Data Mining in Peer-to-Peer Systems. , 2006, , .		26
13	Multi-agent Systems and Distributed Data Mining. Lecture Notes in Computer Science, 2004, , 1-15.	1.3	25
14	Uniform Data Sampling from a Peer-to-Peer Network. , 2007, , .		20
15	Distributed probabilistic inferencing in sensor networks using variational approximation. Journal of Parallel and Distributed Computing, 2008, 68, 78-92.	4.1	16
16	A Scalable Local Algorithm for Distributed Multivariate Regression. Statistical Analysis and Data Mining, 2008, 1, 177-194.	2.8	15
17	Distributed Linear Programming and Resource Management for Data Mining in Distributed Environments. , 2008, , .		13
18	An efficient local Algorithm for Distributed Multivariate Regression in Peer-to-Peer Networks. , 2008, , .		11

#	Article	IF	Citations
19	A Fourier Analysis Based Approach to Learning Decision Trees in a Distributed Environment. , 2001, , .		9
20	Scalable, asynchronous, distributed eigen monitoring of astronomy data streams. Statistical Analysis and Data Mining, 2011, 4, 336-352.	2.8	9
21	Dependency Detection in MobiMine and Random Matrices. Lecture Notes in Computer Science, 2002, , 250-262.	1.3	9
22	A communication efficient probabilistic algorithm for mining frequent itemsets from a peer-to-peer network. Statistical Analysis and Data Mining, 2009, 2, 48-69.	2.8	2
23	Report from the workshop on distributed and parallel knowledge discovery, ACM SIGKDD-2000. SIGKDD Explorations: Newsletter of the Special Interest Group (SIG) on Knowledge Discovery & Data Mining, 2000, 2, 108-109.	4.0	0