

Zhixiang Chen

List of Publications by Year in descending order

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42
papers

484
citations

840776

11
h-index

794594

19
g-index

45
all docs

45
docs citations

45
times ranked

215
citing authors

#	ARTICLE	IF	CITATIONS
1	Capabilities of outlier detection schemes in large datasets, framework and methodologies. Knowledge and Information Systems, 2006, 11, 45-84.	3.2	70
2	The Approximability of the Exemplar Breakpoint Distance Problem. Lecture Notes in Computer Science, 2006, , 291-302.	1.3	43
3	On recovering syntenic blocks from comparative maps. Journal of Combinatorial Optimization, 2009, 18, 307-318.	1.3	36
4	Linear Time Probabilistic Algorithms for the Singular Haplotype Reconstruction Problem from SNP Fragments. Journal of Computational Biology, 2008, 15, 535-546.	1.6	35
5	On the inapproximability of the exemplar conserved interval distance problem of genomes. Journal of Combinatorial Optimization, 2008, 15, 201-221.	1.3	25
6	On-line learning of rectangles. , 1992, , .		24
7	Optimal Algorithms for Finding User Access Sessions from Very Large Web Logs. World Wide Web, 2003, 6, 259-279.	4.0	23
8	On learning discretized geometric concepts. , 0, , .		16
9	Some Formal Analysis of Rocchio's Similarity-Based Relevance Feedback Algorithm. Information Retrieval, 2002, 5, 61-86.	2.0	15
10	WebSail: From On-line Learning to Web Search. Knowledge and Information Systems, 2002, 4, 219-227.	3.2	14
11	On-line learning of rectangles and unions of rectangles. Machine Learning, 1994, 17, 201-223.	5.4	13
12	The bounded injury priority method and the learnability of unions of rectangles. Annals of Pure and Applied Logic, 1996, 77, 143-168.	0.5	13
13	Learning unions of two rectangles in the plane with equivalence queries. , 1993, , .		11
14	Lower Bounds on the Approximation of the Exemplar Conserved Interval Distance Problem of Genomes. Lecture Notes in Computer Science, 2006, , 245-254.	1.3	9
15	Multiplicative Adaptive Algorithms for User Preference Retrieval. Lecture Notes in Computer Science, 2001, , 540-549.	1.3	9
16	FEATURES: Real-time adaptive feature and document learning for web search. Journal of the Association for Information Science and Technology, 2001, 52, 655-665.	2.6	8
17	On the learnability of Zn-DNF formulas (extended abstract). , 1995, , .		7
18	On the approximability of the exemplar adjacency number problem for genomes with gene repetitions. Theoretical Computer Science, 2014, 550, 59-65.	0.9	7

#	ARTICLE	IF	CITATIONS
19	Searching the Web with Queries. Knowledge and Information Systems, 1999, 1, 369-375.	3.2	6
20	Linear time algorithms for finding maximal forward references. , 0, , .		6
21	Sublinear time width-bounded separators and their application to the protein side-chain packing problem. Journal of Combinatorial Optimization, 2008, 15, 387-407.	1.3	6
22	Approximating Multilinear Monomial Coefficients and Maximum Multilinear Monomials in Multivariate Polynomials. Lecture Notes in Computer Science, 2010, , 309-323.	1.3	6
23	The Complexity of Testing Monomials in Multivariate Polynomials. Lecture Notes in Computer Science, 2011, , 1-15.	1.3	6
24	On-Line Learning of Rectangles and Unions of Rectangles. Machine Learning, 1994, 17, 201-223.	5.4	5
25	WebSail: from on-line learning to Web search. , 0, , .		5
26	Linear and sublinear time algorithms for mining frequent traversal path patterns from very large Web logs. , 0, , .		5
27	A PTAS for a disc covering problem using width-bounded separators. Journal of Combinatorial Optimization, 2006, 11, 203-217.	1.3	5
28	Algorithms for Testing Monomials in Multivariate Polynomials. Lecture Notes in Computer Science, 2011, , 16-30.	1.3	5
29	Modeling and efficient mining of intentional knowledge of outliers. , 0, , .		4
30	On testing monomials in multivariate polynomials. Theoretical Computer Science, 2013, 497, 39-54.	0.9	4
31	FEATURES: Real-time adaptive feature and document learning for web search. Journal of the Association for Information Science and Technology, 2001, 52, 655-665.	2.6	4
32	A Quadratic Lower Bound for Rocchio's Similarity-Based Relevance Feedback Algorithm. Lecture Notes in Computer Science, 2005, , 955-964.	1.3	4
33	The Learnability of Unions of Two Rectangles in the Two-Dimensional Discretized Space. Journal of Computer and System Sciences, 1999, 59, 70-83.	1.2	3
34	Approximating multilinear monomial coefficients and maximum multilinear monomials in multivariate polynomials. Journal of Combinatorial Optimization, 2013, 25, 234-254.	1.3	3
35	An optimal algorithm for proper learning of unions of two rectangles with queries. Lecture Notes in Computer Science, 1995, , 334-343.	1.3	2
36	On the complexity of Rocchio's similarity-based relevance feedback algorithm. Journal of the Association for Information Science and Technology, 2007, 58, 1392-1400.	2.6	1

#	ARTICLE	IF	CITATIONS
37	On the Approximability of Some Haplotyping Problems. Lecture Notes in Computer Science, 2009, , 3-14.	1.3	1
38	Applications of multilayer feedforward networks on WWW document search. , 0, , .		0
39	Distributed Biomedical Database for Public Health Research. , 2006, , .		0
40	A quadratic lower bound for Rocchio's similarity-based relevance feedback algorithm with a fixed query updating factor. Journal of Combinatorial Optimization, 2010, 19, 134-157.	1.3	0
41	Introduction: Special issue dedicated to the memory of professor Wenqi Huang. Journal of Combinatorial Optimization, 2016, 32, 331-340.	1.3	0
42	LINEAR TIME PROBABILISTIC ALGORITHMS FOR THE SINGULAR HAPLOTYPE RECONSTRUCTION PROBLEM FROM SNP FRAGMENTS. , 2007, , .		0