

Claudio Lucchese

List of Publications by Year in descending order

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Version: 2024-02-01

64
papers

1,539
citations

623734

14
h-index

552781

26
g-index

64
all docs

64
docs citations

64
times ranked

954
citing authors

#	ARTICLE	IF	CITATIONS
1	Fast and memory efficient mining of frequent closed itemsets. IEEE Transactions on Knowledge and Data Engineering, 2006, 18, 21-36.	5.7	184
2	Identifying task-based sessions in search engine query logs. , 2011, , .		96
3	From chatter to headlines. , 2012, , .		93
4	Building a web-scale image similarity search system. Multimedia Tools and Applications, 2010, 47, 599-629.	3.9	92
5	Document Similarity Self-Join with MapReduce. , 2010, , .		59
6	Learning relatedness measures for entity linking. , 2013, , .		55
7	Fast Ranking with Additive Ensembles of Oblivious and Non-Oblivious Regression Trees. ACM Transactions on Information Systems, 2017, 35, 1-31.	4.9	53
8	Extending the state-of-the-art of constraint-based pattern discovery. Data and Knowledge Engineering, 2007, 60, 377-399.	3.4	52
9	On Closed Constrained Frequent Pattern Mining. , 0, , .		50
10	Pushing Tougher Constraints in Frequent Pattern Mining. Lecture Notes in Computer Science, 2005, , 114-124.	1.3	49
11	Discovering tasks from search engine query logs. ACM Transactions on Information Systems, 2013, 31, 1-43.	4.9	49
12	Direct local pattern sampling by efficient two-step random procedures. , 2011, , .		45
13	QuickScorer. , 2015, , .		44
14	Dexter. , 2013, , .		43
15	Quality versus efficiency in document scoring with learning-to-rank models. Information Processing and Management, 2016, 52, 1161-1177.	8.6	41
16	A Unifying Framework for Mining Approximate Top- k Binary Patterns. IEEE Transactions on Knowledge and Data Engineering, 2014, 26, 2900-2913.	5.7	40
17	Post-Learning Optimization of Tree Ensembles for Efficient Ranking. , 2016, , .		35
18	On condensed representations of constrained frequent patterns. Knowledge and Information Systems, 2006, 9, 180-201.	3.2	33

#	ARTICLE	IF	CITATIONS
19	A metric cache for similarity search. , 2008, , .		33
20	How Random Walks Can Help Tourism. Lecture Notes in Computer Science, 2012, , 195-206.	1.3	30
21	Mining Top-K Patterns from Binary Datasets in presence of Noise. , 2010, , .		28
22	A constraint-based querying system for exploratory pattern discovery. Information Systems, 2009, 34, 3-27.	3.6	22
23	Parallel Mining of Frequent Closed Patterns: Harnessing Modern Computer Architectures. , 2007, , .		20
24	Embedding and Retrieving Private Metadata in Electrocardiograms. Journal of Medical Systems, 2009, 33, 241-259.	3.6	20
25	Exploiting CPU SIMD Extensions to Speed-up Document Scoring with Tree Ensembles. , 2016, , .		20
26	Similarity caching in large-scale image retrieval. Information Processing and Management, 2012, 48, 803-818.	8.6	19
27	Caching query-biased snippets for efficient retrieval. , 2011, , .		18
28	Treant: training evasion-aware decision trees. Data Mining and Knowledge Discovery, 2020, 34, 1390-1420.	3.7	18
29	ConQueSt: a Constraint-based Querying System for Exploratory Pattern Discovery. , 2006, , .		16
30	Adversarial Training of Gradient-Boosted Decision Trees. , 2019, , .		16
31	Caching content-based queries for robust and efficient image retrieval. , 2009, , .		15
32	Mining Query Logs to Optimize Index Partitioning in Parallel Web Search Engines. , 2007, , .		13
33	You should read this! let me explain you why. , 2012, , .		12
34	Parallel Traversal of Large Ensembles of Decision Trees. IEEE Transactions on Parallel and Distributed Systems, 2019, 30, 2075-2089.	5.6	11
35	RDF Graph Summarization Based on Approximate Patterns. Communications in Computer and Information Science, 2016, , 69-87.	0.5	9
36	Continuation Methods and Curriculum Learning for Learning to Rank. , 2018, , .		9

#	ARTICLE	IF	CITATIONS
37	On Interactive Pattern Mining from Relational Databases. , 2006, , 42-62.		9
38	Rights protection of trajectory datasets with nearest-neighbor preservation. VLDB Journal, 2010, 19, 531-556.	4.1	8
39	Right-Protected Data Publishing with Provable Distance-Based Mining. IEEE Transactions on Knowledge and Data Engineering, 2014, 26, 2014-2028.	5.7	8
40	A privacy preserving web recommender system. , 2006, , .		7
41	A generative pattern model for mining binary datasets. , 2010, , .		7
42	Improving Europeana Search Experience Using Query Logs. Lecture Notes in Computer Science, 2011, , 384-395.	1.3	7
43	SEL: A unified algorithm for salient entity linking. Computational Intelligence, 2018, 34, 2-29.	3.2	6
44	On Including the User Dynamic in Learning to Rank. , 2017, , .		6
45	Mining frequent closed itemsets out of core. , 2006, , .		5
46	Certifying Decision Trees Against Evasion Attacks by Program Analysis. Lecture Notes in Computer Science, 2020, , 421-438.	1.3	5
47	Ownership protection of shape datasets with geodesic distance preservation. , 2008, , .		4
48	(Query) History Teaches Everything, Including the Future. , 2008, , .		3
49	<i>Mining@home</i>: toward a publicâ€resource computing framework for distributed data mining. Concurrency Computation Practice and Experience, 2010, 22, 658-682.	2.2	3
50	Detecting Task-Based Query Sessions Using Collaborative Knowledge. , 2010, , .		3
51	Feature partitioning for robust tree ensembles and their certification in adversarial scenarios. Eurasip Journal on Information Security, 2021, 2021, .	3.1	3
52	Rights Protection of Trajectory Datasets. , 2008, , .		2
53	When entities meet query recommender systems. , 2013, , .		2
54	Learning to Rank User Queries to Detect Search Tasks. , 2016, , .		2

#	ARTICLE	IF	CITATIONS
55	RankEval: Evaluation and investigation of ranking models. SoftwareX, 2020, 12, 100614.	2.6	2
56	Manual Annotation of Semi-Structured Documents for Entity-Linking. , 2014, , .		1
57	Boosting learning to rank with user dynamics and continuation methods. Information Retrieval, 2020, 23, 528-554.	2.0	1
58	Mining@Home:Public resource Computing For Distributed Data Mining. , 2008, , 217-227.		1
59	Supervised Evaluation of Top-k Itemset Mining Algorithms. Lecture Notes in Computer Science, 2015, , 82-94.	1.3	1
60	Mining Frequent Closed Itemsets from Distributed Repositories. , 2007, , 221-234.		1
61	Special track on Engineering Large-Scale Distributed Systems. , 2008, , .		0
62	LSDS-IR'11. , 2011, , .		0
63	Evaluating Top-K Approximate Patterns via Text Clustering. Lecture Notes in Computer Science, 2016, , 114-127.	1.3	0
64	Certifying machine learning models against evasion attacks by program analysis. Journal of Computer Security, 2022, , 1-28.	0.8	0