

# 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	Certifying machine learning models against evasion attacks by program analysis. <i>Journal of Computer Security</i> , 2022, , 1-28.	0.8	0
2	Feature partitioning for robust tree ensembles and their certification in adversarial scenarios. <i>Eurasip Journal on Information Security</i> , 2021, 2021, .	3.1	3
3	Boosting learning to rank with user dynamics and continuation methods. <i>Information Retrieval</i> , 2020, 23, 528-554.	2.0	1
4	Treant: training evasion-aware decision trees. <i>Data Mining and Knowledge Discovery</i> , 2020, 34, 1390-1420.	3.7	18
5	RankEval: Evaluation and investigation of ranking models. <i>SoftwareX</i> , 2020, 12, 100614.	2.6	2
6	Certifying Decision Trees Against Evasion Attacks by Program Analysis. <i>Lecture Notes in Computer Science</i> , 2020, , 421-438.	1.3	5
7	Parallel Traversal of Large Ensembles of Decision Trees. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2019, 30, 2075-2089.	5.6	11
8	Adversarial Training of Gradient-Boosted Decision Trees. , 2019, , .		16
9	SEL: A unified algorithm for salient entity linking. <i>Computational Intelligence</i> , 2018, 34, 2-29.	3.2	6
10	Continuation Methods and Curriculum Learning for Learning to Rank. , 2018, , .		9
11	Fast Ranking with Additive Ensembles of Oblivious and Non-Oblivious Regression Trees. <i>ACM Transactions on Information Systems</i> , 2017, 35, 1-31.	4.9	53
12	On Including the User Dynamic in Learning to Rank. , 2017, , .		6
13	Quality versus efficiency in document scoring with learning-to-rank models. <i>Information Processing and Management</i> , 2016, 52, 1161-1177.	8.6	41
14	Post-Learning Optimization of Tree Ensembles for Efficient Ranking. , 2016, , .		35
15	RDF Graph Summarization Based on Approximate Patterns. <i>Communications in Computer and Information Science</i> , 2016, , 69-87.	0.5	9
16	Exploiting CPU SIMD Extensions to Speed-up Document Scoring with Tree Ensembles. , 2016, , .		20
17	Learning to Rank User Queries to Detect Search Tasks. , 2016, , .		2
18	Evaluating Top-K Approximate Patterns via Text Clustering. <i>Lecture Notes in Computer Science</i> , 2016, , 114-127.	1.3	0

#	ARTICLE	IF	CITATIONS
19	QuickScorer. , 2015, , .		44
20	Supervised Evaluation of Top-k Itemset Mining Algorithms. Lecture Notes in Computer Science, 2015, , 82-94.	1.3	1
21	A Unifying Framework for Mining Approximate Top- $k$ Binary Patterns. IEEE Transactions on Knowledge and Data Engineering, 2014, 26, 2900-2913.	5.7	40
22	Manual Annotation of Semi-Structured Documents for Entity-Linking. , 2014, , .		1
23	Right-Protected Data Publishing with Provable Distance-Based Mining. IEEE Transactions on Knowledge and Data Engineering, 2014, 26, 2014-2028.	5.7	8
24	When entities meet query recommender systems. , 2013, , .		2
25	Dexter. , 2013, , .		43
26	Discovering tasks from search engine query logs. ACM Transactions on Information Systems, 2013, 31, 1-43.	4.9	49
27	Learning relatedness measures for entity linking. , 2013, , .		55
28	You should read this! let me explain you why. , 2012, , .		12
29	Similarity caching in large-scale image retrieval. Information Processing and Management, 2012, 48, 803-818.	8.6	19
30	From chatter to headlines. , 2012, , .		93
31	How Random Walks Can Help Tourism. Lecture Notes in Computer Science, 2012, , 195-206.	1.3	30
32	Identifying task-based sessions in search engine query logs. , 2011, , .		96
33	Caching query-biased snippets for efficient retrieval. , 2011, , .		18
34	LSDS-IR'11. , 2011, , .		0
35	Direct local pattern sampling by efficient two-step random procedures. , 2011, , .		45
36	Improving Europeana Search Experience Using Query Logs. Lecture Notes in Computer Science, 2011, , 384-395.	1.3	7

#	ARTICLE	IF	CITATIONS
37	<i>Mining@home</i>: toward a public resource computing framework for distributed data mining. Concurrency Computation Practice and Experience, 2010, 22, 658-682.	2.2	3
38	Rights protection of trajectory datasets with nearest-neighbor preservation. VLDB Journal, 2010, 19, 531-556.	4.1	8
39	Building a web-scale image similarity search system. Multimedia Tools and Applications, 2010, 47, 599-629.	3.9	92
40	Mining Top-K Patterns from Binary Datasets in presence of Noise. , 2010, , .		28
41	Detecting Task-Based Query Sessions Using Collaborative Knowledge. , 2010, , .		3
42	A generative pattern model for mining binary datasets. , 2010, , .		7
43	Document Similarity Self-Join with MapReduce. , 2010, , .		59
44	Caching content-based queries for robust and efficient image retrieval. , 2009, , .		15
45	Embedding and Retrieving Private Metadata in Electrocardiograms. Journal of Medical Systems, 2009, 33, 241-259.	3.6	20
46	A constraint-based querying system for exploratory pattern discovery. Information Systems, 2009, 34, 3-27.	3.6	22
47	Rights Protection of Trajectory Datasets. , 2008, , .		2
48	(Query) History Teaches Everything, Including the Future. , 2008, , .		3
49	A metric cache for similarity search. , 2008, , .		33
50	Special track on Engineering Large-Scale Distributed Systems. , 2008, , .		0
51	Ownership protection of shape datasets with geodesic distance preservation. , 2008, , .		4
52	Mining@Home:Public resource Computing For Distributed Data Mining. , 2008, , 217-227.		1
53	Parallel Mining of Frequent Closed Patterns: Harnessing Modern Computer Architectures. , 2007, , .		20
54	Extending the state-of-the-art of constraint-based pattern discovery. Data and Knowledge Engineering, 2007, 60, 377-399.	3.4	52

#	ARTICLE	IF	CITATIONS
55	Mining Query Logs to Optimize Index Partitioning in Parallel Web Search Engines. , 2007, , .		13
56	Mining Frequent Closed Itemsets from Distributed Repositories. , 2007, , 221-234.		1
57	Fast and memory efficient mining of frequent closed itemsets. IEEE Transactions on Knowledge and Data Engineering, 2006, 18, 21-36.	5.7	184
58	Mining frequent closed itemsets out of core. , 2006, , .		5
59	On condensed representations of constrained frequent patterns. Knowledge and Information Systems, 2006, 9, 180-201.	3.2	33
60	A privacy preserving web recommender system. , 2006, , .		7
61	ConQueSt: a Constraint-based Querying System for Exploratory Pattern Discovery. , 2006, , .		16
62	On Interactive Pattern Mining from Relational Databases. , 2006, , 42-62.		9
63	Pushing Tougher Constraints in Frequent Pattern Mining. Lecture Notes in Computer Science, 2005, , 114-124.	1.3	49
64	On Closed Constrained Frequent Pattern Mining. , 0, , .		50