

Hector Garcia-Molina

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

3,629
citations

304368
22
h-index

288905
40
g-index

47
all docs

47
docs citations

47
times ranked

1692
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient crawling through URL ordering. <i>Computer Networks</i> , 1998, 30, 161-172.	1.0	498
2	Searching the Web. <i>ACM Transactions on Internet Technology</i> , 2001, 1, 2-43.	3.0	426
3	Using semantic knowledge for transaction processing in a distributed database. <i>ACM Transactions on Database Systems</i> , 1983, 8, 186-213.	1.5	421
4	Swoosh: a generic approach to entity resolution. <i>VLDB Journal</i> , 2009, 18, 255-276.	2.7	321
5	Overview of multidatabase transaction management. <i>VLDB Journal</i> , 1992, 1, 181-239.	2.7	256
6	Sagas. <i>SIGMOD Record</i> , 1987, 16, 249-259.	0.7	231
7	Publish/Subscribe in a Mobile Environment. <i>Wireless Networks</i> , 2004, 10, 643-652.	2.0	146
8	Change detection in hierarchically structured information. <i>SIGMOD Record</i> , 1996, 25, 493-504.	0.7	130
9	Synchronizing a database to improve freshness. <i>SIGMOD Record</i> , 2000, 29, 117-128.	0.7	128
10	Pay-As-You-Go Entity Resolution. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2013, 25, 1111-1124.	4.0	120
11	Data Leakage Detection. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2011, 23, 51-63.	4.0	118
12	View maintenance in a warehousing environment. <i>SIGMOD Record</i> , 1995, 24, 316-327.	0.7	103
13	Copy detection mechanisms for digital documents. <i>SIGMOD Record</i> , 1995, 24, 398-409.	0.7	81
14	Building a distributed full-text index for the web. <i>ACM Transactions on Information Systems</i> , 2001, 19, 217-241.	3.8	61
15	Finding Near-Replicas of Documents on the Web. <i>Lecture Notes in Computer Science</i> , 1999, , 204-212.	1.0	51
16	Meaningful change detection in structured data. <i>SIGMOD Record</i> , 1997, 26, 26-37.	0.7	47
17	Consistency Algorithms for Multi-Source Warehouse View Maintenance. <i>Distributed and Parallel Databases</i> , 1998, 6, 7-40.	1.0	46
18	Generic entity resolution with negative rules. <i>VLDB Journal</i> , 2009, 18, 1261-1277.	2.7	43

#	ARTICLE	IF	CITATIONS
19	Incremental entity resolution on rules and data. VLDB Journal, 2014, 23, 77-102.	2.7	36
20	Template-based wrappers in the TSIMMIS system. SIGMOD Record, 1997, 26, 532-535.	0.7	32
21	Overview of the STanford Real-time Information Processor (STRIP). SIGMOD Record, 1996, 25, 34-37.	0.7	30
22	Mind your vocabulary. SIGMOD Record, 1999, 28, 335-346.	0.7	26
23	STARTS. SIGMOD Record, 1997, 26, 207-218.	0.7	24
24	Joint Entity Resolution. , 2012, , .		23
25	Comprehensive and reliable crowd assessment algorithms. , 2015, , .		23
26	Identifying users in social networks with limited information. , 2015, , .		21
27	Incremental updates of inverted lists for text document retrieval. SIGMOD Record, 1994, 23, 289-300.	0.7	20
28	Approximate query mapping: Accounting for translation closeness. VLDB Journal, 2001, 10, 155-181.	2.7	20
29	The effectiveness of GLOSS for the text database discovery problem. SIGMOD Record, 1994, 23, 126-137.	0.7	19
30	Shrinking the warehouse update Window. SIGMOD Record, 1999, 28, 383-394.	0.7	19
31	Computing capabilities of mediators. SIGMOD Record, 1999, 28, 443-454.	0.7	19
32	Crowd-powered find algorithms. , 2014, , .		18
33	Joint entity resolution on multiple datasets. VLDB Journal, 2013, 22, 773-795.	2.7	14
34	Caching and database scaling in distributed shared-nothing information retrieval systems. SIGMOD Record, 1993, 22, 129-138.	0.7	9
35	Information translation, mediation, and mosaic-based browsing in the TSIMMIS system. SIGMOD Record, 1995, 24, 483.	0.7	8
36	The WHIPS prototype for data warehouse creation and maintenance. SIGMOD Record, 1997, 26, 557-559.	0.7	8

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37	A path-based approach for web page retrieval. <i>World Wide Web</i> , 2012, 15, 257-283.	2.7	8
38	Flexible Recommendations for Course Planning. <i>Proceedings - International Conference on Data Engineering</i> , 2009, , .	0.0	7
39	InfoMonitor: unobtrusively archiving a World Wide Web server. <i>International Journal on Digital Libraries</i> , 2005, 5, 106-119.	1.1	5
40	How To Safeguard Your Sensitive Data. <i>Proceedings of the IEEE Symposium on Reliable Distributed Systems</i> , 2006, , .	0.0	4
41	Third generation TP monitors. <i>SIGMOD Record</i> , 1993, 22, 393-397.	0.7	3
42	A sound and complete algorithm for distributed commerce transactions. <i>Distributed Computing</i> , 1999, 12, 13-29.	0.7	3
43	Information finding in a digital library. <i>SIGMOD Record</i> , 1995, 24, 62-70.	0.7	1
44	The STRIP rule system for efficiently maintaining derived data. <i>SIGMOD Record</i> , 1997, 26, 147-158.	0.7	1
45	PhotoSpread: A Spreadsheet for Managing Photos. , 2008, , .		1
46	Evaluation of remote backup algorithms for transaction processing systems. <i>SIGMOD Record</i> , 1992, 21, 246-255.	0.7	0
47	Link Prediction and Hybrid Strategies for Updating a Social Graph Snapshot via a Limited API. , 2017, , .		0