Ihab F Ilyas

List of Publications by Year
in descending order

37 papers	3,382 citations	623734 14 h-index	839539 18 g-index
39 all docs	39 docs citations	39 times ranked	1356 citing authors

#	Article	IF	Citations
1	A survey of top- *k* query processing techniques in relational database systems. ACM Computing Surveys, 2008, 40, 1-58.	23.0	616
2	Top-k Query Processing in Uncertain Databases. , 2007, , .		317
3	HoloClean. Proceedings of the VLDB Endowment, 2017, 10, 1190-1201.	3.8	252
4	Data Cleaning. , 2016, , .		214
5	NADEEF. , 2013, , .		207
6	KATARA. , 2015, , .		175
7	Supporting top-k join queries in relational databases. VLDB Journal, 2004, 13, 207.	4.1	169
8	Holistic data cleaning: Putting violations into context. , 2013, , .		167
9	Discovering denial constraints. Proceedings of the VLDB Endowment, 2013, 6, 1498-1509.	3.8	165
10	Detecting data errors. Proceedings of the VLDB Endowment, 2016, 9, 993-1004.	3.8	127
11	Efficient search for the top-k probable nearest neighbors in uncertain databases. Proceedings of the VLDB Endowment, 2008, 1, 326-339.	3.8	105
12	Trends in Cleaning Relational Data: Consistency and Deduplication. Foundations and Trends in Databases, 2015, 5, 281-393.	5.5	97
13	BigDansing. , 2015, , .		94
14	Sampling the repairs of functional dependency violations under hard constraints. Proceedings of the VLDB Endowment, 2010, 3, 197-207.	3.8	73
15	HoloDetect. , 2019, , .		62
16	Supporting ranking queries on uncertain and incomplete data. VLDB Journal, 2010, 19, 477-501.	4.1	60
17	Ranking with Uncertain Scores. Proceedings - International Conference on Data Engineering, 2009, , .	0.0	57
18	Adaptive rank-aware query optimization in relational databases. ACM Transactions on Database Systems, 2006, 31, 1257-1304.	2.8	45

#	Article	IF	Citations
19	CLAMS. , 2016, , .		45
20	DataXFormer: A robust transformation discovery system. , 2016, , .		40
21	Expressive and flexible access to web-extracted data. , 2010, , .		37
22	Descriptive and prescriptive data cleaning. , 2014, , .		34
23	Top-k nearest neighbor search in uncertain data series. Proceedings of the VLDB Endowment, 2014, 8, 13-24.	3.8	33
24	Qualitative data cleaning. Proceedings of the VLDB Endowment, 2016, 9, 1605-1608.	3.8	22
25	Secure multi-party functional dependency discovery. Proceedings of the VLDB Endowment, 2019, 13, 184-196.	3.8	14
26	Kamino. Proceedings of the VLDB Endowment, 2021, 14, 1886-1899.	3.8	12
27	ProbClean: A probabilistic duplicate detection system. , 2010, , .		5
28	Probabilistic Ranking Techniques in Relational Databases. Synthesis Lectures on Data Management, 2011, 3, 1-71.	0.6	5
29	Properties of Inconsistency Measures for Databases. , 2021, , .		5
30	Chapter 11: Rank-Join Algorithms for Search Computing. Lecture Notes in Computer Science, 2010, , 211-224.	1.3	2
31	Finding Skyline and Top-k Bargaining Solutions. , 2007, , .		1
32	MashRank: Towards uncertainty-aware and rank-aware mashups. , 2010, , .		1
33	Uncertainty in Rank Join. Lecture Notes in Computer Science, 2011, , 128-134.	1.3	0
34	Rank-Join. , 2016, , 1-3.		0
35	Rank-Aware Query Processing. , 2016, , 1-4.		0
36	Rank-Join. , 2018, , 3093-3096.		0

#	Article	IF	Citations
37	Rank-Aware Query Processing. , 2018, , 3080-3084.		0