

# Per-Ake Larson

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

29  
papers

1,638  
citations

18  
h-index

30  
g-index

30  
ext. papers

1,897  
ext. citations

1.9  
avg, IF

4.33  
L-index

#	Paper	IF	Citations
29	Hekaton <b>2013</b> ,		240
28	Dynamic hashing. <i>BIT Numerical Mathematics</i> , <b>1978</b> , 18, 184-201	1.7	138
27	High-performance concurrency control mechanisms for main-memory databases. <i>Proceedings of the VLDB Endowment</i> , <b>2011</b> , 5, 298-309	3.1	117
26	Efficiently updating materialized views. <i>SIGMOD Record</i> , <b>1986</b> , 15, 61-71	1.1	111
25	SCOPE: parallel databases meet MapReduce. <i>VLDB Journal</i> , <b>2012</b> , 21, 611-636	3.9	83
24	Dynamic hash tables. <i>Communications of the ACM</i> , <b>1988</b> , 31, 446-457	2.5	57
23	Incorporating partitioning and parallel plans into the SCOPE optimizer <b>2010</b> ,		53
22	Efficient exploitation of similar subexpressions for query processing <b>2007</b> ,		53
21	Optimizing queries using materialized views. <i>SIGMOD Record</i> , <b>2001</b> , 30, 331-342	1.1	51
20	Performance analysis of linear hashing with partial expansions. <i>ACM Transactions on Database Systems</i> , <b>1982</b> , 7, 566-587	1.6	47
19	Trekking through Siberia. <i>Proceedings of the VLDB Endowment</i> , <b>2014</b> , 7, 931-942	3.1	36
18	Adaptive range filters for cold data. <i>Proceedings of the VLDB Endowment</i> , <b>2013</b> , 6, 1714-1725	3.1	31
17	Robin hood hashing <b>1985</b> ,		30
16	Linear hashing with separators and dynamic hashing scheme achieving one-access. <i>ACM Transactions on Database Systems</i> , <b>1988</b> , 13, 366-388	1.6	27
15	Real-time analytical processing with SQL server. <i>Proceedings of the VLDB Endowment</i> , <b>2015</b> , 8, 1740-1751	3.1	26
14	Linear hashing with overflow-handling by linear probing. <i>ACM Transactions on Database Systems</i> , <b>1985</b> , 10, 75-89	1.6	24
13	File organization. <i>Communications of the ACM</i> , <b>1984</b> , 27, 670-677	2.5	20

12	File organization using composite perfect hashing. <i>ACM Transactions on Database Systems</i> , <b>1989</b> , 14, 231-263	1.6	17
11	External hashing with limited internal storage. <i>Journal of the ACM</i> , <b>1988</b> , 35, 161-184	2	17
10	Solving Local Cost Estimation Problem for Global Query Optimization in Multidatabase Systems. <i>Distributed and Parallel Databases</i> , <b>1998</b> , 6, 373-421	0.9	14
9	View matching for outer-join views. <i>VLDB Journal</i> , <b>2006</b> , 16, 29-53	3.9	12
8	Modern main-memory database systems. <i>Proceedings of the VLDB Endowment</i> , <b>2016</b> , 9, 1609-1610	3.1	10
7	Evolutionary techniques for updating query cost models in a dynamic multidatabase environment. <i>VLDB Journal</i> , <b>2004</b> , 13, 162-176	3.9	7
6	Multi-disk B-trees. <i>SIGMOD Record</i> , <b>1991</b> , 20, 436-445	1.1	6
5	A Fuzzy Query Optimization Approach for Multidatabase Systems. <i>International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems</i> , <b>1997</b> , 05, 701-722	0.8	5
4	Hash-based labeling techniques for storage scaling. <i>VLDB Journal</i> , <b>2005</b> , 14, 222-237	3.9	5
3	Frequency loading and linear probing. <i>BIT Numerical Mathematics</i> , <b>1979</b> , 19, 223-228	1.7	3
2	External perfect hashing. <i>SIGMOD Record</i> , <b>1985</b> , 14, 190-200	1.1	1
1	LHlf. <i>ACM SIGPLAN Notices</i> , <b>2012</b> , 47, 307-308	0.2	