

Monica S Lam

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

3,753
citations

759233

12
h-index

940533

16
g-index

27
all docs

27
docs citations

27
times ranked

911
citing authors

#	ARTICLE	IF	CITATIONS
1	A data locality optimizing algorithm. , 1991, , .		882
2	Design and evaluation of a compiler algorithm for prefetching. , 1992, , .		529
3	SUIF. ACM SIGPLAN Notices, 1994, 29, 31-37.	0.2	382
4	Cloning-based context-sensitive pointer alias analysis using binary decision diagrams. , 2004, , .		380
5	Global optimizations for parallelism and locality on scalable parallel machines. , 1993, , .		238
6	Communication optimization and code generation for distributed memory machines. , 1993, , .		153
7	Efficient context-sensitive pointer analysis for C programs. ACM SIGPLAN Notices, 1995, 30, 1-12.	0.2	152
8	A data locality optimizing algorithm. ACM SIGPLAN Notices, 1991, 26, 30-44.	0.2	144
9	Efficient and exact data dependence analysis. , 1991, , .		139
10	Automatic extraction of object-oriented component interfaces. Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM, 2002, , .	0.7	119
11	Array-data flow analysis and its use in array privatization. , 1993, , .		115
12	A practical flow-sensitive and context-sensitive C and C++ memory leak detector. , 2003, , .		110
13	Efficient superscalar performance through boosting. , 1992, , .		73
14	Finding application errors and security flaws using PQL. ACM SIGPLAN Notices, 2005, 40, 365-383.	0.2	70
15	Boosting beyond static scheduling in a superscalar processor. Computer Architecture News, 1990, 18, 344-354.	2.5	57
16	Boosting beyond static scheduling in a superscalar processor. , 1990, , .		42
17	Design and evaluation of a compiler algorithm for prefetching. ACM SIGPLAN Notices, 1992, 27, 62-73.	0.2	35
18	Efficient and exact data dependence analysis. ACM SIGPLAN Notices, 1991, 26, 1-14.	0.2	31

#	ARTICLE	IF	CITATIONS
19	Limits of control flow on parallelism. Computer Architecture News, 1992, 20, 46-57.	2.5	30
20	Data and computation transformations for multiprocessors. ACM SIGPLAN Notices, 1995, 30, 166-178.	0.2	20
21	Blocking and array contraction across arbitrarily nested loops using affine partitioning. ACM SIGPLAN Notices, 2001, 36, 103-112.	0.2	17
22	SUIF Explorer. ACM SIGPLAN Notices, 1999, 34, 37-48.	0.2	16
23	Compiler-directed page coloring for multiprocessors. ACM SIGPLAN Notices, 1996, 31, 244-255.	0.2	10
24	The design, implementation and evaluation of SMART. Operating Systems Review (ACM), 1997, 31, 184-197.	1.9	4
25	Compiler-directed page coloring for multiprocessors. Operating Systems Review (ACM), 1996, 30, 244-255.	1.9	3
26	Program analysis with partial transfer functions. ACM SIGPLAN Notices, 1999, 34, 94-103.	0.2	2
27	SMART. Operating Systems Review (ACM), 1995, 29, 233.	1.9	0