

Keshav Pingali

List of Publications by Citations

Source: <https://exaly.com/author-pdf/10981394/keshav-pingali-publications-by-citations.pdf>

Version: 2024-04-19

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

20
papers

456
citations

11
h-index

20
g-index

20
ext. papers

518
ext. citations

0.7
avg, IF

2.86
L-index

#	Paper	IF	Citations
20	Optimistic parallelism requires abstractions. <i>ACM SIGPLAN Notices</i> , 2007 , 42, 211-222	0.2	60
19	Automated application-level checkpointing of MPI programs 2003 ,		54
18	Fast agglomerative clustering for rendering 2008 ,		49
17	A singular loop transformation framework based on non-singular matrices. <i>International Journal of Parallel Programming</i> , 1994 , 22, 183-205	1.5	46
16	The program structure tree. <i>ACM SIGPLAN Notices</i> , 1994 , 29, 171-185	0.2	38
15	Scheduling strategies for optimistic parallel execution of irregular programs 2008 ,		37
14	Access normalization. <i>ACM Transactions on Computer Systems</i> , 1993 , 11, 353-375	1.1	33
13	Synthesizing Transformations for Locality Enhancement of Imperfectly-Nested Loop Nests. <i>International Journal of Parallel Programming</i> , 2001 , 29, 493-544	1.5	24
12	Collective operations in application-level fault-tolerant MPI 2003 ,		22
11	How much parallelism is there in irregular applications?. <i>ACM SIGPLAN Notices</i> , 2009 , 44, 3-14	0.2	22
10	Optimistic parallelism benefits from data partitioning. <i>Computer Architecture News</i> , 2008 , 36, 233-243		13
9	Data-centric multi-level blocking. <i>ACM SIGPLAN Notices</i> , 1997 , 32, 346-357	0.2	11
8	Data-Centric Transformations for Locality Enhancement. <i>International Journal of Parallel Programming</i> , 2001 , 29, 319-364	1.5	10
7	Optimizing checkpoint sizes in the C3 system		8
6	A framework for generalized control dependence. <i>ACM SIGPLAN Notices</i> , 1996 , 31, 291-300	0.2	8
5	A case for source-level transformations in MATLAB. <i>ACM SIGPLAN Notices</i> , 2000 , 35, 53-65	0.2	7
4	Look Left, Look Right, Look Left Again: An Application of Fractal Symbolic Analysis to Linear Algebra Code Restructuring. <i>International Journal of Parallel Programming</i> , 2004 , 32, 501-523	1.5	5

- 3 Application-level checkpointing for shared memory programs. *ACM SIGPLAN Notices*, **2004**, 39, 235-247 0.2 3
- 2 APT. *ACM SIGPLAN Notices*, **1995**, 30, 32-46 0.2 3
- 1 Fine-grain compilation for pipelined machines. *Journal of Supercomputing*, **1988**, 2, 279-295 2.5 3