Willy Zwaenepoel

List of Publications by Year
in descending order

42 papers	3,180 citations	516710 16 h-index	454955 30 g-index
43 all docs	43 docs citations	43 times ranked	709 citing authors

#	Article	IF	Citations
1	Tashkent+. Operating Systems Review (ACM), 2007, 41, 399-412.	1.9	15
2	A method for transparent admission control and request scheduling in e-commerce web sites. , 2004, , .		193
3	Run-time support for distributed sharing in safe languages. ACM Transactions on Computer Systems, 2003, 21, 1-35.	0.8	11
4	Contention elimination by replication of sequential sections in distributed shared memory programs. ACM SIGPLAN Notices, 2001, 36, 53-61.	0.2	0
5	Cluster reserves. Performance Evaluation Review, 2000, 28, 90-101.	0.6	25
6	OpenMP for Networks of SMPs. Journal of Parallel and Distributed Computing, 2000, 60, 1512-1530.	4.1	64
7	The Effect of Contention on the Scalability of Page-Based Software Shared Memory Systems. Lecture Notes in Computer Science, 2000, , 155-169.	1.3	5
8	Transparent adaptive parallelism on NOWs using OpenMP. , 1999, , .		24
9	Transparent adaptive parallelism on NOWs using OpenMP. ACM SIGPLAN Notices, 1999, 34, 96-106.	0.2	3
10	Locality-aware request distribution in cluster-based network servers. , 1998, , .		260
11	Locality-aware request distribution in cluster-based network servers. Operating Systems Review (ACM), 1998, 32, 205-216.	1.9	19
12	Locality-aware request distribution in cluster-based network servers. ACM SIGPLAN Notices, 1998, 33, 205-216.	0.2	205
13	Tradeoffs between false sharing and aggregation in software distributed shared memory. , 1997, , .		29
14	Compiler and software distributed shared memory support for irregular applications. , 1997, , .		34
15	Tradeoffs between false sharing and aggregation in software distributed shared memory. ACM SIGPLAN Notices, 1997, 32, 90-99.	0.2	1
16	Compiler and software distributed shared memory support for irregular applications. ACM SIGPLAN Notices, 1997, 32, 48-56.	0.2	3
17	Quantifying the Performance Differences between PVM and TreadMarks. Journal of Parallel and Distributed Computing, 1997, 43, 65-78.	4.1	46
18	An integrated compile-time/run-time software distributed shared memory system. ACM SIGPLAN Notices, 1996, 31, 186-197.	0.2	3

#	Article	IF	Citations
19	An integrated compile-time/run-time software distributed shared memory system. , 1996, , .		83
20	An integrated compile-time/run-time software distributed shared memory system. Operating Systems Review (ACM), 1996, 30, 186-197.	1.9	9
21	Techniques for reducing consistency-related communication in distributed shared-memory systems. ACM Transactions on Computer Systems, 1995, 13, 205-243.	0.8	121
22	Message passing versus distributed shared memory on networks of workstations. , 1995, , .		59
23	Parallelization of General-Linkage Analysis Problems. Human Heredity, 1994, 44, 127-141.	0.8	52
24	eNVy. ACM SIGPLAN Notices, 1994, 29, 86-97.	0.2	100
25	eNVy. Operating Systems Review (ACM), 1994, 28, 86-97.	1.9	16
26	The peregrine high-performance RPC system. Software - Practice and Experience, 1993, 23, 201-221.	3.6	33
27	Evaluation of release consistent software distributed shared memory on emerging network technology. Computer Architecture News, 1993, 21, 144-155.	2.5	7
28	Lazy release consistency for software distributed shared memory. , 1992, , .		300
29	Lazy release consistency for software distributed shared memory. Computer Architecture News, 1992, 20, 13-21.	2.5	70
30	Implementation and performance of Munin. , 1991, , .		470
31	Implementation and performance of Munin. Operating Systems Review (ACM), 1991, 25, 152-164.	1.9	38
32	Transparent optimistic rollback recovery. Operating Systems Review (ACM), 1991, 25, 99-102.	1.9	3
33	Adaptive software cache management for distributed shared memory architectures. Computer Architecture News, 1990, 18, 125-134.	2.5	47
34	Recovery in distributed systems using optimistic message logging and checkpointing. Journal of Algorithms, 1990, 11, 462-491.	0.9	220
35	Adaptive software cache management for distributed shared memory architectures. , 1990, , .		44
36	Recovery in distributed systems using asynchronous message logging and checkpointing. , 1988, , .		60

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37	Protocols for large data transfers over local networks. Computer Communication Review, 1985, 15, 22-32.	1.8	18
38	Distributed process groups in the V Kernel. ACM Transactions on Computer Systems, 1985, 3, 77-107.	0.8	294
39	Implementation and performance of pipes in the V-System. IEEE Transactions on Computers, 1985, C-34, 1174-1178.	3.4	4
40	Perseus: Retrospective on a portable operating system. Software - Practice and Experience, 1984, 14, 31-48.	3.6	2
41	The distributed V kernel and its performance for diskless workstations. , 1983, , .		105
42	The distributed V kernel and its performance for diskless workstations. Operating Systems Review (ACM), 1983, 17, 129-140.	1.9	80