

Anoop Gupta

List of Publications by Year in descending order

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53
papers

6,446
citations

516710

16
h-index

377865

34
g-index

53
all docs

53
docs citations

53
times ranked

1448
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Flexible use of memory for replication/migration in cache-coherent DSM multiprocessors. Computer Architecture News, 1998, 26, 342-355. | 2.5 | 6 |
| 2 | Performance isolation. ACM SIGPLAN Notices, 1998, 33, 181-192. | 0.2 | 7 |
| 3 | The design and analysis of a cache architecture for texture mapping. Computer Architecture News, 1997, 25, 108-120. | 2.5 | 24 |
| 4 | Operating system support for improving data locality on CC-NUMA compute servers. Operating Systems Review (ACM), 1996, 30, 279-289. | 1.9 | 14 |
| 5 | Operating system support for improving data locality on CC-NUMA compute servers. , 1996, , . | | 176 |
| 6 | Implementing efficient fault containment for multiprocessors. Communications of the ACM, 1996, 39, 52-61. | 4.5 | 11 |
| 7 | Operating system support for improving data locality on CC-NUMA compute servers. ACM SIGPLAN Notices, 1996, 31, 279-289. | 0.2 | 22 |
| 8 | The SPLASH-2 programs. Computer Architecture News, 1995, 23, 24-36. | 2.5 | 458 |
| 9 | Implications of hierarchical N-body methods for multiprocessor architectures. ACM Transactions on Computer Systems, 1995, 13, 141-202. | 0.8 | 57 |
| 10 | Memory system performance of UNIX on CC-NUMA multiprocessors. Performance Evaluation Review, 1995, 23, 1-13. | 0.6 | 10 |
| 11 | The SPLASH-2 programs. , 1995, , . | | 1,944 |
| 12 | Integration of message passing and shared memory in the Stanford FLASH multiprocessor. Operating Systems Review (ACM), 1994, 28, 38-50. | 1.9 | 9 |
| 13 | Scheduling and page migration for multiprocessor compute servers. , 1994, , . | | 97 |
| 14 | Interleaving. , 1994, , . | | 68 |
| 15 | Performance evaluation of hybrid hardware and software distributed shared memory protocols. , 1994, , . | | 19 |
| 16 | The performance impact of flexibility in the Stanford FLASH multiprocessor. , 1994, , . | | 80 |
| 17 | Interleaving. Operating Systems Review (ACM), 1994, 28, 308-318. | 1.9 | 6 |
| 18 | The performance impact of flexibility in the Stanford FLASH multiprocessor. ACM SIGPLAN Notices, 1994, 29, 274-285. | 0.2 | 50 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | The performance impact of flexibility in the Stanford FLASH multiprocessor. Operating Systems Review (ACM), 1994, 28, 274-285. | 1.9 | 0 |
| 20 | Scheduling and page migration for multiprocessor compute servers. ACM SIGPLAN Notices, 1994, 29, 12-24. | 0.2 | 29 |
| 21 | Integration of message passing and shared memory in the Stanford FLASH multiprocessor. ACM SIGPLAN Notices, 1994, 29, 38-50. | 0.2 | 66 |
| 22 | Interleaving. ACM SIGPLAN Notices, 1994, 29, 308-318. | 0.2 | 1 |
| 23 | Scheduling and page migration for multiprocessor compute servers. Operating Systems Review (ACM), 1994, 28, 12-24. | 1.9 | 4 |
| 24 | Architectural and Implementation Tradeoffs in the Design of Multiple-Context Processors. Kluwer International Series in Engineering and Computer Science, 1994, , 167-200. | 0.2 | 7 |
| 25 | Working sets, cache sizes, and node granularity issues for large-scale multiprocessors. , 1993, , . | | 75 |
| 26 | Data locality and load balancing in COOL. ACM SIGPLAN Notices, 1993, 28, 249-259. | 0.2 | 4 |
| 27 | Effectiveness of trace sampling for performance debugging tools. Performance Evaluation Review, 1993, 21, 248-259. | 0.6 | 4 |
| 28 | The DASH prototype. , 1992, , . | | 99 |
| 29 | Comparative performance evaluation of cache-coherent NUMA and COMA architectures. , 1992, , . | | 93 |
| 30 | SPLASH. Computer Architecture News, 1992, 20, 5-44. | 2.5 | 669 |
| 31 | Hiding memory latency using dynamic scheduling in shared-memory multiprocessors. , 1992, , . | | 33 |
| 32 | The DASH prototype. Computer Architecture News, 1992, 20, 92-103. | 2.5 | 6 |
| 33 | MemSpy: analyzing memory system bottlenecks in programs. , 1992, , . | | 86 |
| 34 | MemSpy: analyzing memory system bottlenecks in programs. Performance Evaluation Review, 1992, 20, 1-12. | 0.6 | 42 |
| 35 | Design and evaluation of a compiler algorithm for prefetching. ACM SIGPLAN Notices, 1992, 27, 62-73. | 0.2 | 35 |
| 36 | Design and evaluation of a compiler algorithm for prefetching. , 1992, , . | | 529 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Parallel ICCG on a hierarchical memory multiprocessor " Addressing the triangular solve bottleneck. Parallel Computing, 1992, 18, 719-741. | 2.1 | 30 |
| 38 | Hiding memory latency using dynamic scheduling in shared-memory multiprocessors. Computer Architecture News, 1992, 20, 22-33. | 2.5 | 17 |
| 39 | Stanford DASH multiprocessor: The hardware and software approach. Lecture Notes in Computer Science, 1992, , 799-805. | 1.3 | 0 |
| 40 | Tolerating latency through software-controlled prefetching in shared-memory multiprocessors. Journal of Parallel and Distributed Computing, 1991, 12, 87-106. | 4.1 | 232 |
| 41 | Comparative evaluation of latency reducing and tolerating techniques. , 1991, , . | | 110 |
| 42 | Performance evaluation of memory consistency models for shared-memory multiprocessors. ACM SIGPLAN Notices, 1991, 26, 245-257. | 0.2 | 5 |
| 43 | Comparative evaluation of latency reducing and tolerating techniques. Computer Architecture News, 1991, 19, 254-263. | 2.5 | 23 |
| 44 | Performance evaluation of memory consistency models for shared-memory multiprocessors. , 1991, , . | | 157 |
| 45 | The impact of operating system scheduling policies and synchronization methods of performance of parallel applications. , 1991, , . | | 140 |
| 46 | The directory-based cache coherence protocol for the DASH multiprocessor. Computer Architecture News, 1990, 18, 148-159. | 2.5 | 273 |
| 47 | Memory consistency and event ordering in scalable shared-memory multiprocessors. , 1990, , . | | 239 |
| 48 | Memory consistency and event ordering in scalable shared-memory multiprocessors. Computer Architecture News, 1990, 18, 15-26. | 2.5 | 185 |
| 49 | The directory-based cache coherence protocol for the DASH multiprocessor. , 1990, , . | | 147 |
| 50 | Static and run-time characteristics of OPS5 production systems. Journal of Parallel and Distributed Computing, 1989, 7, 64-95. | 4.1 | 8 |
| 51 | Parallel implementation of OPS5 on the encore multiprocessor: Results and analysis. International Journal of Parallel Programming, 1988, 17, 95-124. | 1.5 | 34 |
| 52 | Exploiting variable grain parallelism at runtime. ACM SIGPLAN Notices, 1988, 23, 212-221. | 0.2 | 1 |
| 53 | Soar/PSM-E: investigating match parallelism in a learning production system. ACM SIGPLAN Notices, 1988, 23, 146-160. | 0.2 | 5 |