

Cm Krishna

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

272
citations

1478505

6
h-index

1372567

10
g-index

28
all docs

28
docs citations

28
times ranked

96
citing authors

#	ARTICLE	IF	CITATIONS
1	Voltage-clock-scaling adaptive scheduling techniques for low power in hard real-time systems. IEEE Transactions on Computers, 2003, 52, 1586-1593.	3.4	62
2	A distributed adaptive protocol providing real-time services on WDM-based LANs. Journal of Lightwave Technology, 1996, 14, 1245-1254.	4.6	35
3	Optimal Dynamic Control of Resources in a Distributed System. IEEE Transactions on Software Engineering, 1989, 15, 1188-1198.	5.6	25
4	Scheduling techniques for reducing leakage power in hard real-time systems. , 0, , .		23
5	On the effect of defect clustering on test transparency and IC test optimization. IEEE Transactions on Computers, 1996, 45, 753-757.	3.4	12
6	Towards energy-aware software-based fault tolerance in real-time systems. , 2002, , .		12
7	JMPI: implementing the message passing standard in Java. , 2002, , .		11
8	On Optimizing Wafer-Probe Testing for Product Quality Using Die-Yield Prediction. , 0, , .		10
9	A voltage scheduling heuristic for real-time task graphs. , 0, , .		10
10	Temperature-aware computing. Sustainable Computing: Informatics and Systems, 2011, 1, 46-56.	2.2	10
11	An adaptive algorithm to ensure differential service in a token-ring network. IEEE Transactions on Computers, 1990, 39, 19-33.	3.4	9
12	Chip test optimization using defect clustering information. , 0, , .		9
13	Filtering random graphs to synthesize interconnection networks with multiple objectives. IEEE Transactions on Parallel and Distributed Systems, 2002, 13, 1139-1149.	5.6	9
14	A novel transmission coordination scheme for single hop lightwave networks. , 0, , .		6
15	Scanning the issue - Special issue on real-time systems. Proceedings of the IEEE, 2003, 91, 983-985.	21.3	6
16	A distributed adaptive protocol providing real-time services on WDM-based LANs. , 0, , .		5
17	Thermal-aware management techniques for cyber-physical systems. Sustainable Computing: Informatics and Systems, 2017, 15, 39-51.	2.2	5
18	On the graceful degradation of phase-locked clocks. , 0, , .		4

#	ARTICLE	IF	CITATIONS
19	Synthesis of interconnection networks: A novel approach. , 0, , .		4
20	Compiler-based adaptive fetch throttling for energy-efficiency. , 0, , .		4
21	Rational interpolation examples in performance analysis. IEEE Transactions on Computers, 2001, 50, 997-1003.	3.4	1
22	Supporting end-to-end deadlines for soft real-time multimedia applications. , 0, , .		0
23	Real-time system evaluation: a rational interpolation approach. , 0, , .		0
24	Web/DVD-based multimedia architecture simulator. , 0, , .		0
25	Pre-processing input data to augment fault tolerance in space applications. , 0, , .		0
26	Addendum to "voltage-clock-scaling adaptive scheduling techniques for low power in hard real-time systems". IEEE Transactions on Computers, 2004, 53, 497-497.	3.4	0
27	Software-based adaptive and concurrent self-testing in programmable network interfaces. , 2006, , .		0
28	Energy and Dependability Enhancement by Dynamic Actuator Derating in Cyber-Physical Systems. , 2018, , .		0