Cm Krishna

List of Publications by Year
in descending order

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	Energy and Dependability Enhancement by Dynamic Actuator Derating in Cyber-Physical Systems. , 2018, , .		0
2	Thermal-aware management techniques for cyber-physical systems. Sustainable Computing: Informatics and Systems, 2017, 15, 39-51.	2.2	5
3	Temperature-aware computing. Sustainable Computing: Informatics and Systems, 2011, 1, 46-56.	2.2	10
4	Software-based adaptive and concurrent self-testing in programmable network interfaces. , 2006, , .		0
5	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
6	Scanning the issue - Special issue on real-time systems. Proceedings of the IEEE, 2003, 91, 983-985.	21.3	6
7	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
8	JMPI: implementing the message passing standard in Java. , 2002, , .		11
9	Filtering random graphs to synthesize interconnection networks with multiple objectives. IEEE Transactions on Parallel and Distributed Systems, 2002, 13, 1139-1149.	5.6	9
10	Towards energy-aware software-based fault tolerance in real-time systems. , 2002, , .		12
11	Rational interpolation examples in performance analysis. IEEE Transactions on Computers, 2001, 50, 997-1003.	3.4	1
12	On the effect of defect clustering on test transparency and IC test optimization. IEEE Transactions on Computers, 1996, 45, 753-757.	3.4	12
13	A distributed adaptive protocol providing real-time services on WDM-based LANs. Journal of Lightwave Technology, 1996, 14, 1245-1254.	4.6	35
14	An adaptive algorithm to ensure differential service in a token-ring network. IEEE Transactions on Computers, 1990, 39, 19-33.	3.4	9
15	Optimal Dynamic Control of Resources in a Distributed System. IEEE Transactions on Software Engineering, 1989, 15, 1188-1198.	5.6	25
16	On the graceful degradation of phase-locked clocks. , 0, , .		4
17	On Optimizing Wafer-Probe Testing for Product Quality Using Die-Yield Prediction. , 0, , .		10
18	Chip test optimization using defect clustering information. , 0, , .		9

#	Article	IF	Citations
19	A novel transmission coordination scheme for single hop lightwave networks. , 0, , .		6
20	A distributed adaptive protocol providing real-time services on WDM-based LANs. , 0, , .		5
21	Supporting end-to-end deadlines for soft real-time multimedia applications. , 0, , .		0
22	Real-time system evaluation: a rational interpolation approach. , 0, , .		0
23	Synthesis of interconnection networks: A novel approach. , 0, , .		4
24	Web/DVD-based multimedia architecture simulator. , 0, , .		0
25	Scheduling techniques for reducing leakage power in hard real-time systems. , 0, , .		23
26	A voltage scheduling heuristic for real-time task graphs. , 0, , .		10
27	Pre-processing input data to augment fault tolerance in space applications. , 0, , .		0
28	Compiler-based adaptive fetch throttling for energy-efficiency. , 0, , .		4