Shengquan Wang

List of Publications by Year
in descending order

20 papers	544 citations	1937685 4 h-index	2053705 5 g-index
20 all docs	20 docs citations	20 times ranked	443 citing authors

#	Article	IF	Citations
1	TailCon: Power-Minimizing Tail Percentile Control of Response Time in Server Clusters. , 2012, , .		6
2	PowerSleep: A Smart Power-Saving Scheme With Sleep for Servers Under Response Time Constraint. IEEE Journal on Emerging and Selected Topics in Circuits and Systems, 2011, 1, 289-298.	3.6	28
3	Modified nonmonotone Armijo line search for descent method. Numerical Algorithms, 2011, 57, 1-25.	1.9	12
4	Thermal-aware global real-time scheduling and analysis on multicore systems. Journal of Systems Architecture, 2011, 57, 547-560.	4.3	12
5	Thermal-aware lifetime reliability in multicore systems. , 2010, , .		29
6	Power Saving Design for Servers under Response Time Constraint. , 2010, , .		10
7	Thermal-Aware Global Real-Time Scheduling on Multicore Systems. , 2009, , .		71
8	Energy-Efficient Speed Scheduling for Real-Time Tasks under Thermal Constraints. , 2009, , .		14
9	Proactive Speed Scheduling for Real-Time Tasks under Thermal Constraints. , 2009, , .		59
10	Delay Performance and Management of VoIP System. , 2008, , 169-185.		0
11	A Group Signature Based Secure and Privacy-Preserving Vehicular Communication Framework. , 2007, , .		159
12	Delay Analysis in Temperature-Constrained Hard Real-Time Systems with General Task Arrivals. , 2006, , .		44
13	A Real-Time and Reliable Approach to Detecting Traffic Variations at Abnormally High and Low Rates. Lecture Notes in Computer Science, 2006, , 541-550.	1.3	2
14	Providing Absolute Differentiated Services for Real-Time Applications in Static-Priority Scheduling Networks. IEEE/ACM Transactions on Networking, 2004, 12, 326-339.	3.8	56
15	Providing absolute differentiated services with statistical guarantees in static-priority scheduling networks. , 0, , .		6
16	Providing absolute differentiated services for real-time applications in static-priority scheduling networks. , 0, , .		22
17	Differentiated services with statistical real-time guarantees in static-priority scheduling networks. , 0, , .		8
18	Implementation of QoS-Provisioning system for voice over IP. , 0, , .		3

#	ARTICLE	IF	CITATIONS
19	A study of providing statistical QoS in a differentiated services network. , 0, , .		2
20	Group aggregation for scalable anycast routing. , 0, , .		1