

Shou-Chih Lo

List of Publications by Year in descending order

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34
papers

501
citations

1040056

9
h-index

1058476

14
g-index

34
all docs

34
docs citations

34
times ranked

286
citing authors

#	ARTICLE	IF	CITATIONS
1	Architecture for Mobility and QoS Support in All-IP Wireless Networks. IEEE Journal on Selected Areas in Communications, 2004, 22, 691-705.	14.0	112
2	An efficient multipolling mechanism for IEEE 802.11 wireless LANs. IEEE Transactions on Computers, 2003, 52, 764-778.	3.4	68
3	Broadcast Data Allocation for Efficient Access of Multiple Data Items in Mobile Environments. Mobile Networks and Applications, 2003, 8, 365-375.	3.3	50
4	Optimal index and data allocation in multiple broadcast channels. , 0, , .		32
5	Data allocation on wireless broadcast channels for efficient query processing. IEEE Transactions on Computers, 2002, 51, 1237-1252.	3.4	30
6	Routing and Buffering Strategies in Delay-Tolerant Networks: Survey and Evaluation. , 2011, , .		22
7	A strategy for efficient access of multiple data items in mobile environments. , 0, , .		16
8	Street Broadcast with Smart Relay for Emergency Messages in VANET. , 2010, , .		16
9	A Water-Wave Broadcast Scheme for Emergency Messages in VANET. Wireless Personal Communications, 2013, 71, 217-241.	2.7	16
10	A remote control and media-sharing system using smart devices. Journal of Systems Architecture, 2014, 60, 671-683.	4.3	12
11	A Dynamic Congestion Control based Routing for Delay-Tolerant Networks. , 2012, , .		11
12	Quota-Based Multicast Routing in Delay-Tolerant Networks. Wireless Personal Communications, 2014, 74, 1329-1344.	2.7	11
13	An adaptive retransmission scheme with QoS support for the IEEE 802.11 MAC enhancement. , 0, , .		10
14	Efficient index and data allocation for wireless broadcast services. Data and Knowledge Engineering, 2007, 60, 235-255.	3.4	10
15	Adaptive region-based location management for PCS systems. IEEE Transactions on Vehicular Technology, 2002, 51, 667-676.	6.3	9
16	A Novel Multi-Channel MAC Protocol for Wireless Ad Hoc Networks. IEEE Vehicular Technology Conference, 2007, , .	0.4	9
17	Distance-Aware Routing with Copy Control in Vehicle-Based DTNs. , 2012, , .		9
18	Design of Data Forwarding Strategies in Vehicular Ad Hoc Networks. , 2009, , .		8

#	ARTICLE	IF	CITATIONS
19	Dynamic Quota-Based Routing in Delay-Tolerant Networks. , 2012, , .		7
20	An efficient scheduling mechanism for IEEE 802.11e MAC enhancements. , 2004, , .		6
21	Design of multichannel MAC protocols for wireless ad hoc networks. International Journal of Network Management, 2009, 19, 399-413.	2.2	6
22	Quota-control routing in delay-tolerant networks. Ad Hoc Networks, 2015, 25, 393-405.	5.5	6
23	The design of a smartphone-based fall detection system. , 2015, , .		5
24	Fall Detection Based on Tilt Angle and Acceleration Variations. , 2016, , .		4
25	A novel QoS scheduling approach for IEEE 802.16 BWA systems. , 2008, , .		3
26	Improving Fair Scheduling Performance on Hadoop. , 2017, , .		3
27	Platform design for social Internet of Things. , 2017, , .		3
28	Efficient routing and centralized scheduling algorithms for IEEE 802.16 Mesh Networks. International Journal of Network Management, 2011, 21, 494-512.	2.2	2
29	A Remote Control and Media Sharing System Based on DLNA/UPnP Technology for Smart Home. Lecture Notes in Electrical Engineering, 2013, , 329-335.	0.4	2
30	Performance Analysis of Spatial Data Broadcast for Navigation Systems. , 0, , .		1
31	Design of a Context-Aware Mobile Guiding Application. , 2008, , .		1
32	Improving MapReduce Load Balancing in Hadoop. , 2018, , .		1
33	Collaborative data transmission in vehicular ad-hoc networks. , 2014, , .		0
34	Emergency Broadcast in VANET by Considering Human Satisfaction. Lecture Notes in Electrical Engineering, 2014, , 149-156.	0.4	0