

Neng-Chung Wang

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

185
citations

1478505

6
h-index

1281871

11
g-index

24
all docs

24
docs citations

24
times ranked

171
citing authors

#	ARTICLE	IF	CITATIONS
1	A Cycle-Based Data Aggregation Scheme for Grid-Based Wireless Sensor Networks. <i>Sensors</i> , 2014, 14, 8447-8464.	3.8	29
2	A reliable QoS aware routing protocol with slot assignment for mobile ad hoc networks. <i>Journal of Network and Computer Applications</i> , 2009, 32, 1153-1166.	9.1	22
3	Improving Low-Energy Adaptive Clustering Hierarchy Architectures with Sleep Mode for Wireless Sensor Networks. <i>Wireless Personal Communications</i> , 2014, 75, 349-368.	2.7	19
4	Energy Efficient Two-Tier Data Dissemination Based on Q-Learning for Wireless Sensor Networks. <i>IEEE Access</i> , 2020, 8, 74129-74136.	4.2	17
5	Resource Allocation For D2D Communications With A Novel Distributed Q-Learning Algorithm In Heterogeneous Networks. , 2018, , .		13
6	A Fuzzy-Based Transport Protocol for Mobile Ad Hoc Networks. , 2008, , .		12
7	Performance of a Hierarchical Cluster-Based Wireless Sensor Network. , 2008, , .		12
8	An SDMA-based MAC protocol for wireless ad hoc networks with smart antennas. <i>Computers and Electrical Engineering</i> , 2015, 41, 383-394.	4.8	10
9	Performance Enhancement of TCP in Dynamic Bandwidth Wired and Wireless Networks. <i>Wireless Personal Communications</i> , 2008, 47, 399-415.	2.7	8
10	An Efficient Grid-Based Pairwise Key Predistribution Scheme for Wireless Sensor Networks. <i>Wireless Personal Communications</i> , 2014, 78, 801-816.	2.7	6
11	Improving TCP performance with fast adaptive congestion control during soft vertical handoff. <i>Telecommunication Systems</i> , 2013, 52, 97-104.	2.5	5
12	Cycle-Based Data Aggregation for Grid-Based Wireless Sensor Networks. , 2013, , .		5
13	A Coverage Algorithm to Improve the Performance of PEGASIS in Wireless Sensor Networks. , 2011, , .		4
14	An intersection-based coverage algorithm for PEGASIS architecture in Wireless sensor networks. , 2012, , .		4
15	An efficient adjustable grid-based data replication scheme for wireless sensor networks. <i>Ad Hoc Networks</i> , 2016, 36, 203-213.	5.5	4
16	A Dual-Tree-Based On-Demand Multicast Routing Protocol for Mobile Ad Hoc Networks. , 2011, , .		3
17	A time slot assignment scheme for multi-path QoS multicast routing in mobile ad hoc networks. , 2010, , .		2
18	An Improvement on Hsiang and Shih's Remote User Authentication Scheme Using Smart Cards. , 2011, , .		2

#	ARTICLE	IF	CITATIONS
19	A Performance Study for Power Management Schemes in WPANs. , 2012, , .		2
20	An efficient power management scheme with SDMA for IEEE 802.15.3 WPANs. International Journal of Communication Systems, 2014, 27, 4092-4102.	2.5	2
21	Hierarchical Mobile IPv6 Mobility Management in Heterogeneous 3G/WLAN Networks. Wireless Personal Communications, 2014, 75, 2181-2200.	2.7	2
22	A power efficient data dissemination scheme for wireless sensor networks with mobile sinks. , 2012, , .		1
23	A Grid-Based Geocasting Protocol for wireless sensor networks. , 2016, , .		1
24	Performance of adaptive fuzzy-based code allocation for 2-D spreading OFCDM mobile communication systems. Conference Proceedings IEEE International Conference on Systems, Man, and Cybernetics, 2008, , .	0.0	0