

Neng-Chung Wang

List of Publications by Year in descending order

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24
papers

185
citations

1478505

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1281871

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all docs

24
docs citations

24
times ranked

171
citing authors

#	ARTICLE	IF	CITATIONS
1	Energy Efficient Two-Tier Data Dissemination Based on Q-Learning for Wireless Sensor Networks. IEEE Access, 2020, 8, 74129-74136.	4.2	17
2	Resource Allocation For D2D Communications With A Novel Distributed Q-Learning Algorithm In Heterogeneous Networks. , 2018, , .		13
3	A Grid-Based Geocasting Protocol for wireless sensor networks. , 2016, , .		1
4	An efficient adjustable grid-based data replication scheme for wireless sensor networks. Ad Hoc Networks, 2016, 36, 203-213.	5.5	4
5	An SDMA-based MAC protocol for wireless ad hoc networks with smart antennas. Computers and Electrical Engineering, 2015, 41, 383-394.	4.8	10
6	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
7	A Cycle-Based Data Aggregation Scheme for Grid-Based Wireless Sensor Networks. Sensors, 2014, 14, 8447-8464.	3.8	29
8	Improving Low-Energy Adaptive Clustering Hierarchy Architectures with Sleep Mode for Wireless Sensor Networks. Wireless Personal Communications, 2014, 75, 349-368.	2.7	19
9	An Efficient Grid-Based Pairwise Key Predistribution Scheme for Wireless Sensor Networks. Wireless Personal Communications, 2014, 78, 801-816.	2.7	6
10	Hierarchical Mobile IPv6 Mobility Management in Heterogeneous 3G/WLAN Networks. Wireless Personal Communications, 2014, 75, 2181-2200.	2.7	2
11	Improving TCP performance with fast adaptive congestion control during soft vertical handoff. Telecommunication Systems, 2013, 52, 97-104.	2.5	5
12	Cycle-Based Data Aggregation for Grid-Based Wireless Sensor Networks. , 2013, , .		5
13	A power efficient data dissemination scheme for wireless sensor networks with mobile sinks. , 2012, , .		1
14	A Performance Study for Power Management Schemes in WPANs. , 2012, , .		2
15	An intersection-based coverage algorithm for PEGASIS architecture in Wireless sensor networks. , 2012, , .		4
16	A Dual-Tree-Based On-Demand Multicast Routing Protocol for Mobile Ad Hoc Networks. , 2011, , .		3
17	A Coverage Algorithm to Improve the Performance of PEGASIS in Wireless Sensor Networks. , 2011, , .		4
18	An Improvement on Hsiang and Shih's Remote User Authentication Scheme Using Smart Cards. , 2011, , .		2

#	ARTICLE	IF	CITATIONS
19	A time slot assignment scheme for multi-path QoS multicast routing in mobile ad hoc networks. , 2010, , .		2
20	A reliable QoS aware routing protocol with slot assignment for mobile ad hoc networks. Journal of Network and Computer Applications, 2009, 32, 1153-1166.	9.1	22
21	Performance Enhancement of TCP in Dynamic Bandwidth Wired and Wireless Networks. Wireless Personal Communications, 2008, 47, 399-415.	2.7	8
22	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
23	A Fuzzy-Based Transport Protocol for Mobile Ad Hoc Networks. , 2008, , .		12
24	Performance of a Hierarchical Cluster-Based Wireless Sensor Network. , 2008, , .		12