

Meng-Shiuan Pan

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

1,068
citations

567281

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h-index

610901

24
g-index

36
all docs

36
docs citations

36
times ranked

865
citing authors

#	ARTICLE	IF	CITATIONS
1	Downlink radio resource scheduling for OFDMA systems with hybrid beamforming. <i>Wireless Networks</i> , 2022, 28, 273-286.	3.0	3
2	ezNavi: An Easy-to-Operate Indoor Navigation System Based on Pedestrian Dead Reckoning and Crowdsourced User Trajectories. <i>IEEE Transactions on Mobile Computing</i> , 2021, 20, 488-501.	5.8	10
3	A Group-Less and Energy Efficient Communication Scheme Based on Wi-Fi Direct Technology for Emergency Scenes. <i>IEEE Access</i> , 2019, 7, 31840-31853.	4.2	9
4	Precise Trajectories Derivation Using Smartphone Sensors. , 2019, , .		1
5	Efficient data dissemination for Wi-Fi peer-to-peer networks by unicasting among Wi-Fi P2P groups. <i>Wireless Networks</i> , 2018, 24, 3063-3081.	3.0	7
6	The robot-assisted sensor deployment problem in Wireless Sensor Networks. , 2017, , .		2
7	InstantGaming: Playing somatosensory games using smartwatches and portable devices. , 2017, , .		3
8	A lightweight and distributed geographic multicast routing protocol for IoT applications. <i>Computer Networks</i> , 2017, 112, 95-107.	5.1	33
9	Intuitive Control on Electric Devices by Smartphones for Smart Home Environments. <i>IEEE Sensors Journal</i> , 2016, 16, 4281-4294.	4.7	18
10	An energy-efficient multicast protocol for ZigBee-based networks. , 2016, , .		4
11	Using accelerometer for counting and identifying swimming strokes. <i>Pervasive and Mobile Computing</i> , 2016, 31, 37-49.	3.3	15
12	Downlink Traffic Scheduling for LTE-A Small Cell Networks With Dual Connectivity Enhancement. <i>IEEE Communications Letters</i> , 2016, 20, 796-799.	4.1	46
13	Fast convergecast for low-duty-cycled multi-channel wireless sensor networks. <i>Ad Hoc Networks</i> , 2016, 40, 1-14.	5.5	6
14	An Enhanced Handover Scheme for Mobile Relays in LTE-A High-Speed Rail Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2015, 64, 743-756.	6.3	92
15	A Step Counting Algorithm for Smartphone Users: Design and Implementation. <i>IEEE Sensors Journal</i> , 2015, 15, 2296-2305.	4.7	51
16	Quick event detection and reporting in low-duty-cycled wireless sensor networks. , 2014, , .		0
17	Low latency scheduling for convergecast in ZigBee tree-based wireless sensor networks. <i>Journal of Network and Computer Applications</i> , 2014, 46, 252-263.	9.1	16
18	Beacon scheduling for broadcast and convergecast in ZigBee wireless sensor networks. <i>Computer Communications</i> , 2014, 38, 1-12.	5.1	22

#	ARTICLE	IF	CITATIONS
19	Event data collection in ZigBee tree-based wireless sensor networks. <i>Computer Networks</i> , 2014, 73, 142-153.	5.1	16
20	Convergecast in ZigBee tree-based wireless sensor networks. , 2013, , .		7
21	ZigBee-based long-thin wireless sensor networks: address assignment and routing schemes. <i>International Journal of Ad Hoc and Ubiquitous Computing</i> , 2013, 12, 147.	0.5	13
22	ZigBee Wireless Sensor Network and Its Network Formation Problem. , 2010, , 181-196.		0
23	Cross-Layer, Energy-Efficient Design for Supporting Continuous Queries in Wireless Sensor Networks: A Quorum-Based Approach. <i>Wireless Personal Communications</i> , 2009, 51, 411-426.	2.7	13
24	The Orphan Problem in ZigBee Wireless Networks. <i>IEEE Transactions on Mobile Computing</i> , 2009, 8, 1573-1584.	5.8	74
25	A lightweight network repair scheme for data collection applications in zigbee WSNs. <i>IEEE Communications Letters</i> , 2009, 13, 649-651.	4.1	10
26	Quick convergecast in ZigBee beacon-enabled tree-based wireless sensor networks. <i>Computer Communications</i> , 2008, 31, 999-1011.	5.1	59
27	Two-Way Beacon Scheduling in ZigBee Tree-Based Wireless Sensor Networks. , 2008, , .		9
28	Address Assignment and Routing Schemes for ZigBee-Based Long-Thin Wireless Sensor Networks. <i>IEEE Vehicular Technology Conference</i> , 2008, , .	0.4	44
29	A WSN-Based Intelligent Light Control System Considering User Activities and Profiles. <i>IEEE Sensors Journal</i> , 2008, 8, 1710-1721.	4.7	151
30	Design and Implementation of a WSN-Based Intelligent Light Control System. , 2008, , .		9
31	The orphan problem in zigbee-based wireless sensor networks. , 2007, , .		24
32	ZigBee and Their Applications. , 2007, , 349-368.		9
33	Wireless Sensor Networks for Emergency Navigation. <i>Computer</i> , 2006, 39, 55-62.	1.1	194
34	Emergency guiding and monitoring applications in indoor 3D environments by wireless sensor networks. <i>International Journal of Sensor Networks</i> , 2006, 1, 2.	0.4	86
35	Quick convergecast in ZigBee/IEEE 802.15.4 tree-based wireless sensor networks. , 2006, , .		9