

# Meng-Shiuan Pan

## List of Publications by Year in descending order

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35  
papers

1,068  
citations

567281

15  
h-index

610901

24  
g-index

36  
all docs

36  
docs citations

36  
times ranked

865  
citing authors

#	ARTICLE	IF	CITATIONS
1	Wireless Sensor Networks for Emergency Navigation. Computer, 2006, 39, 55-62.	1.1	194
2	A WSN-Based Intelligent Light Control System Considering User Activities and Profiles. IEEE Sensors Journal, 2008, 8, 1710-1721.	4.7	151
3	An Enhanced Handover Scheme for Mobile Relays in LTE-A High-Speed Rail Networks. IEEE Transactions on Vehicular Technology, 2015, 64, 743-756.	6.3	92
4	Emergency guiding and monitoring applications in indoor 3D environments by wireless sensor networks. International Journal of Sensor Networks, 2006, 1, 2.	0.4	86
5	The Orphan Problem in ZigBee Wireless Networks. IEEE Transactions on Mobile Computing, 2009, 8, 1573-1584.	5.8	74
6	Quick convergecast in ZigBee beacon-enabled tree-based wireless sensor networks. Computer Communications, 2008, 31, 999-1011.	5.1	59
7	A Step Counting Algorithm for Smartphone Users: Design and Implementation. IEEE Sensors Journal, 2015, 15, 2296-2305.	4.7	51
8	Downlink Traffic Scheduling for LTE-A Small Cell Networks With Dual Connectivity Enhancement. IEEE Communications Letters, 2016, 20, 796-799.	4.1	46
9	Address Assignment and Routing Schemes for ZigBee-Based Long-Thin Wireless Sensor Networks. IEEE Vehicular Technology Conference, 2008, , .	0.4	44
10	A lightweight and distributed geographic multicast routing protocol for IoT applications. Computer Networks, 2017, 112, 95-107.	5.1	33
11	The orphan problem in zigbee-based wireless sensor networks. , 2007, , .		24
12	Beacon scheduling for broadcast and convergecast in ZigBee wireless sensor networks. Computer Communications, 2014, 38, 1-12.	5.1	22
13	Intuitive Control on Electric Devices by Smartphones for Smart Home Environments. IEEE Sensors Journal, 2016, 16, 4281-4294.	4.7	18
14	Low latency scheduling for convergecast in ZigBee tree-based wireless sensor networks. Journal of Network and Computer Applications, 2014, 46, 252-263.	9.1	16
15	Event data collection in ZigBee tree-based wireless sensor networks. Computer Networks, 2014, 73, 142-153.	5.1	16
16	Using accelerometer for counting and identifying swimming strokes. Pervasive and Mobile Computing, 2016, 31, 37-49.	3.3	15
17	Cross-Layer, Energy-Efficient Design for Supporting Continuous Queries in Wireless Sensor Networks: A Quorum-Based Approach. Wireless Personal Communications, 2009, 51, 411-426.	2.7	13
18	ZigBee-based long-thin wireless sensor networks: address assignment and routing schemes. International Journal of Ad Hoc and Ubiquitous Computing, 2013, 12, 147.	0.5	13

#	ARTICLE	IF	CITATIONS
19	A lightweight network repair scheme for data collection applications in zigbee WSNs. IEEE Communications Letters, 2009, 13, 649-651.	4.1	10
20	ezNavi: An Easy-to-Operate Indoor Navigation System Based on Pedestrian Dead Reckoning and Crowdsourced User Trajectories. IEEE Transactions on Mobile Computing, 2021, 20, 488-501.	5.8	10
21	Quick convergecast in ZigBee/IEEE 802.15.4 tree-based wireless sensor networks. , 2006, , .		9
22	Two-Way Beacon Scheduling in ZigBee Tree-Based Wireless Sensor Networks. , 2008, , .		9
23	Design and Implementation of a WSN-Based Intelligent Light Control System. , 2008, , .		9
24	A Group-Less and Energy Efficient Communication Scheme Based on Wi-Fi Direct Technology for Emergency Scenes. IEEE Access, 2019, 7, 31840-31853.	4.2	9
25	ZigBee and Their Applications. , 2007, , 349-368.		9
26	Convergecast in ZigBee tree-based wireless sensor networks. , 2013, , .		7
27	Efficient data dissemination for Wi-Fi peer-to-peer networks by unicasting among Wi-Fi P2P groups. Wireless Networks, 2018, 24, 3063-3081.	3.0	7
28	Fast convergecast for low-duty-cycled multi-channel wireless sensor networks. Ad Hoc Networks, 2016, 40, 1-14.	5.5	6
29	An energy-efficient multicast protocol for ZigBee-based networks. , 2016, , .		4
30	InstantGaming: Playing somatosensory games using smartwatches and portable devices. , 2017, , .		3
31	Downlink radio resource scheduling for OFDMA systems with hybrid beamforming. Wireless Networks, 2022, 28, 273-286.	3.0	3
32	The robot-assisted sensor deployment problem in Wireless Sensor Networks. , 2017, , .		2
33	Precise Trajectories Derivation Using Smartphone Sensors. , 2019, , .		1
34	Quick event detection and reporting in low-duty-cycled wireless sensor networks. , 2014, , .		0
35	ZigBee Wireless Sensor Network and Its Network Formation Problem. , 2010, , 181-196.		0