Nam Tuan Le

List of Publications by Year
in descending order

31 papers	531 citations	840776 11 h-index	888059 17 g-index
31 all docs	31 docs citations	31 times ranked	460 citing authors

#	Article	IF	Citations
1	Multi-Behavior with Bottleneck Features LSTM for Load Forecasting in Building Energy Management System. Electronics (Switzerland), 2021, 10, 1026.	3.1	13
2	GPS-Based Indoor/Outdoor Detection Scheme Using Machine Learning Techniques. Applied Sciences (Switzerland), 2020, 10, 500.	2.5	10
3	Photography Trilateration Indoor Localization with Image Sensor Communication. Sensors, 2019, 19, 3290.	3.8	5
4	Real-Time Mitigation of the Mobility Effect for IEEE 802.15.4g SUN MR-OFDM. Applied Sciences (Switzerland), 2019, 9, 3289.	2.5	7
5	Simultaneous Data Transmission Using Multilevel LED in Hybrid OCC/LiFi System: Concept and Demonstration. IEEE Communications Letters, 2019, 23, 2296-2300.	4.1	16
6	The Next Generation Architecture of Low Power Wide Area Network for Energy Platform. , 2019, , .		3
7	Simultaneous Traffic Sign Recognition and Real-Time Communication using Dual Camera in ITS. , 2019, , .		6
8	A new method for mitigation of mobility effect of SUN MR-OFDM in Fast Fading channel. , 2019, , .		1
9	An Overview of Internet of Energy (IoE) Based Building Energy Management System. , 2018, , .		17
10	An Implementation Approach and Performance Analysis of Image Sensor Based Multilateral Indoor Localization and Navigation System. Wireless Communications and Mobile Computing, 2018, 2018, 1-13.	1.2	26
11	An Implementation of Binary Frequency Shift On-Off Keying Modulation for Optical Camera Communication. , 2018, , .		3
12	A New Vehicle Localization Scheme Based on Combined Optical Camera Communication and Photogrammetry. Mobile Information Systems, 2018, 2018, 1-14.	0.6	30
13	Smartphone Image Receiver Architecture for Optical Camera Communication. Wireless Personal Communications, 2017, 93, 1043-1066.	2.7	9
14	A survey of design and implementation for optical camera communication. Signal Processing: Image Communication, 2017, 53, 95-109.	3.2	85
15	Challenges issues for OCC based android camera 2 API. , 2017, , .		5
16	Modulation and Coding Scheme (MCS) for Indoor Image Sensor Communication System. Wireless Personal Communications, 2017, 93, 987-1003.	2.7	7
17	Artificial companion conversation application for Android-based robot. , 2017, , .		1
18	Survey of Promising Technologies for 5G Networks. Mobile Information Systems, 2016, 2016, 1-25.	0.6	47

#	Article	IF	Citations
19	Performance analysis of smart digital signage system based on software-defined IoT and invisible image sensor communication. International Journal of Distributed Sensor Networks, 2016, 12, 155014771665792.	2.2	6
20	Flicker-free spatial-PSK modulation scheme for vehicular image sensor communications. , 2016, , .		1
21	Neural Network-Based Indoor Positioning Using Virtual Projective Invariants. Wireless Personal Communications, 2016, 86, 1813-1828.	2.7	14
22	Asynchronous Scheme for Optical Camera Communication-Based Infrastructure-to-Vehicle Communication. International Journal of Distributed Sensor Networks, 2015, 11, 908139.	2.2	19
23	Practical design of Screen-to-Camera based Optical Camera Communication. , 2015, , .		15
24	High-speed asynchronous Optical Camera Communication using LED and rolling shutter camera. , 2015, , .		30
25	Survey on optical camera communications: challenges and opportunities. IET Optoelectronics, 2015, 9, 172-183.	3.3	108
26	Smart color channel allocation for visible light communication cell ID. Optical Switching and Networking, 2015, 15, 75-86.	2.0	12
27	Balanced energy and coverage guaranteed protocol for wireless sensor networks. , 2014, , .		3
28	Asynchronous scheme for unidirectional optical camera communications (OCC). , 2014, , .		10
29	A New QoS Resource Allocation Scheme Using GTS for WPANs. Wireless Personal Communications, 2012, 67, 25-45.	2.7	12
30	Mitigation of interference using OFDM in visible light communication. , 2012, , .		4
31	Approximate queuing analysis for IEEE 802.15.4 sensor network. , 2010, , .		6