

Kamol Kaemarungsi

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

408
citations

1684188

5
h-index

1474206

9
g-index

37
all docs

37
docs citations

37
times ranked

471
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of WLAN's received signal strength indication for indoor location fingerprinting. <i>Pervasive and Mobile Computing</i> , 2012, 8, 292-316.	3.3	169
2	Indoor localization improvement via adaptive RSS fingerprinting database. , 2013, , .		39
3	On performance study of UWB real time locating system. , 2016, , .		29
4	Study of received signal strength indication in ZigBee location cluster for indoor localization. , 2013, , .		21
5	MicroPython-based educational mobile robot for computer coding learning. , 2017, , .		16
6	Multipath Mitigation for RSSI-Based Bluetooth Low Energy Localization. , 2019, , .		16
7	Optimal placement of reference nodes for wireless indoor positioning systems. , 2014, , .		12
8	Floor estimation algorithm for wireless indoor multi-story positioning systems. , 2014, , .		11
9	Performance Improvement Design of Bluetooth Low Energy-Based Wireless Indoor Positioning Systems. <i>Mobile Information Systems</i> , 2020, 2020, 1-18.	0.6	11
10	Implication of anchor placement on performance of UWB real-time locating system. , 2017, , .		9
11	Antenna Delay Calibration of UWB Nodes. <i>IEEE Access</i> , 2021, 9, 63294-63305.	4.2	8
12	Mapping the Physical and Dielectric Properties of Layered Soil Using Short-Time Matrix Pencil Method-Based Ground-Penetrating Radar. <i>IEEE Access</i> , 2020, 8, 105610-105621.	4.2	7
13	Differences in bandwidth requirements of various applications due to IPv6 migration. , 2012, , .		6
14	iACK: Implicit acknowledgements to improve multicast reliability in wireless sensor networks. , 2014, , .		6
15	Single-fed broadband circularly polarized unidirectional antenna using folded plate with parasitic patch for universal UHF RFID readers. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2016, 26, 575-587.	1.2	6
16	Robust Floor Determination Algorithm for Indoor Wireless Localization Systems under Reference Node Failure. <i>Mobile Information Systems</i> , 2016, 2016, 1-12.	0.6	5
17	Integrating MicroPython-based educational mobile robot with wireless network. , 2017, , .		5
18	RoC: Robust and Low-Complexity Wireless Indoor Positioning Systems for Multifloor Buildings Using Location Fingerprinting Techniques. <i>Mobile Information Systems</i> , 2019, 2019, 1-22.	0.6	4

#	ARTICLE	IF	CITATIONS
19	Implementation of a human vital monitoring system using Ad Hoc wireless network for smart healthcare. , 2012, , .		3
20	On study of an impulse RADAR sensor for subsurface object detection. , 2015, , .		3
21	Moisture sensor based on standing wave ratio for agriculture industry. , 2016, , .		3
22	Investigation of the electrical property of multi-layer soil using short-time matrix pencil method. , 2017, , .		3
23	Robust System Design Using BILP for Wireless Indoor Positioning Systems. Mobile Information Systems, 2018, 2018, 1-19.	0.6	3
24	Node Calibration in UWB-Based RTLSs Using Multiple Simultaneous Ranging. Sensors, 2022, 22, 864.	3.8	3
25	Botnet Statistical Analysis Tool for Limited Resource Computer Emergency Response Team. , 2009, , .		2
26	An Analyze Movement Path of Employees in Fire Drill by Indoor Location System Using Bluetooth. , 2018, , .		2
27	A wideband bidirectional monkey face antenna for liquid level sensing. , 2018, , .		2
28	Dual-Chip UHF RFID Tag Antenna for Distinction of Movement Directions. , 2022, , .		2
29	Design of an Ultrawideband Directional Antenna Based on a Bidirectional Radiator and a Multilayer Pyramid Absorber. , 2019, , .		1
30	Small-fading and Wideband Propagation Characteristics in Fruit Orchard at 2.4 GHz for Wireless Network in Smart Farming Application. , 2019, , .		1
31	An investment decision support tool for horticulture with an adaptive energy management system. , 2015, , .		0
32	A particle filter for objects tracking in cognitive MIMO system. , 2015, , .		0
33	Energy Harvesting from Ammonia Gas Treatment Tank in Organic Fertilizer Powder Plant. Procedia Computer Science, 2016, 86, 337-340.	2.0	0
34	Analysis of Adaptive Multi-hop Time Synchronization in large wireless sensor networks. , 2016, , .		0
35	An Extendable Auto-Position for UWB-based Indoor Positioning Systems. , 2021, , .		0
36	Applying Positioning Techniques for Exhibition: A Case Study in Thailand. , 2021, , .		0

#	ARTICLE	IF	CITATIONS
37	Design and Implementation of Task Synchronization Method in BLE Mesh Network for Educational Robot. , 2022, , .		0