

Ion Marghescu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8670778/publications.pdf>

Version: 2024-02-01

55
papers

263
citations

1937685

4
h-index

1720034

7
g-index

55
all docs

55
docs citations

55
times ranked

223
citing authors

#	ARTICLE	IF	CITATIONS
1	Wearables for Industrial Work Safety: A Survey. <i>Sensors</i> , 2021, 21, 3844.	3.8	45
2	New Energy Efficient Multi-Hop Routing Techniques for Wireless Sensor Networks: Static and Dynamic Techniques. <i>Sensors</i> , 2018, 18, 1863.	3.8	40
3	Spectrum Occupancy in an Urban Environment: A Cognitive Radio Approach. , 2010, , .		17
4	MHT: Multi-hop technique for the improvement of leach protocol. , 2016, , .		17
5	IMHT: Improved MHT-LEACH protocol for wireless sensor networks. , 2017, , .		11
6	Measurements of LoRaWAN Technology in Urban Scenarios: A Data Descriptor. <i>Data</i> , 2021, 6, 62.	2.3	10
7	MIMO-OFDM: Maximum diversity using maximum likelihood detector. , 2014, , .		9
8	5G Fixed Wireless Access-Mobile Operator Perspective. , 2018, , .		9
9	State-of-the-Art of Industrial Wearables: A Systematic Review. , 2020, , .		9
10	DMHT-LEACH: Dynamic multi-hop technique for wireless sensor networks. , 2017, , .		7
11	Orthogonality, amplitude and number of users effects on conventional multiuser detection using turbo decoding. , 2009, , .		6
12	End-User Attitudes towards Location-Based Services and Future Mobile Wireless Devices: The Studentsâ€™ Perspective. <i>Information (Switzerland)</i> , 2011, 2, 426-454.	2.9	6
13	Development and implementation of a Smart City Use Case in a 5G mobile network's operator. , 2017, , .		6
14	An Alternative to the Traditional Methods in Education - M-Learning: a Glance into the Future. , 2007, , .		5
15	Optimum PAM-TCM schemes using left-circulate function over $GF(2^N)$. , 2009, , .		5
16	DVB-T2 radio coverage analysis in Romania. , 2017, , .		5
17	Spectrum sensing based on spectral correlation for cognitive radio systems. , 2014, , .		4
18	Effects of using carrier aggregation with three component carriers in a mobile operator's network. , 2016, , .		4

#	ARTICLE	IF	CITATIONS
19	WiMAX and WiFi network integration as backhaul on emergency communications. , 2018, , .		4
20	Spectrum Sensing Based on Energy Detection Algorithms Using GNU Radio and USRP for Cognitive Radio. , 2018, , .		4
21	Recursive GF(2N) encoders using left-circulate function for optimum PSK-TCM schemes. Signal Processing, 2010, 90, 2708-2713.	3.7	3
22	Analysis of frequency spectrum usage from a cognitive radio perspective. , 2010, , .		3
23	An accurate average energy detection algorithm for spectrum sensing in cognitive radio systems. , 2014, , .		3
24	Enhanced IRC-SIC algorithm with beamforming for MU-MIMO systems. , 2015, , .		3
25	EDMHT-LEACH: Enhancing the performance of the DMHT-LEACH protocol for wireless sensor networks. , 2017, , .		3
26	Evaluation of Real-Life LoRaWAN Localization: Accuracy Dependencies Analysis Based on Outdoor Measurement Datasets. , 2022, , .		3
27	Estimators of the indoor channel for GPS-based pseudolite signal. , 2010, , .		2
28	Impact of narrowband interference on unambiguous acquisition approaches in Galileo. , 2011, , .		2
29	Transmit diversity in LTE network. , 2013, , .		2
30	Data collection for spectrum sensing algorithms based on USRP. , 2014, , .		2
31	A Software Radio approach for locating unintentional ozone-generating sources. , 2015, , .		2
32	Intra-car communications and diagnosis solutions. , 2016, , .		2
33	Initial cell search procedure in WCDMA - an improved algorithm for FDD. , 0, , .		1
34	New Recursive Convolutional GF(2N) Encoders for Parallel Turbo-TCM Schemes. , 2010, , .		1
35	User requirements in the context of future location based services as seen from a survey among Romanian students. , 2011, , .		1
36	LTE downlink performance. , 2012, , .		1

#	ARTICLE	IF	CITATIONS
37	Controller for reducing the EMI in gas gauge and battery management units. , 2013, , .		1
38	A Software Radio approach for Electric Arc locating. , 2015, , .		1
39	High efficiency DC-DC converter using GaN transistors. Proceedings of SPIE, 2015, , .	0.8	1
40	Design of secured WLAN by using "packet filtering firewall". , 2017, , .		1
41	Performance Analysis of MUSIC and Capon DOA Estimation Algorithms in Cognitive Radio Networks. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2015, , 142-148.	0.3	1
42	Spectrum Sensing Based on Energy Detection Algorithms Using GNU Radio and USRP for Cognitive Radio. , 2018, , .		1
43	RAKE receiver performances for PAM-TH-UWB systems. , 2011, , .		0
44	LTE network time synchronization. , 2012, , .		0
45	Cosmic radiation detector performances in salt mines. , 2013, , .		0
46	Integrated Circuits Characterization Platform (ICCP). , 2013, , .		0
47	Investigations on silicon and PCB ground system design for new 1.2V DDR4 power sources. , 2014, , .		0
48	ANGLE-OF-ARRIVAL ESTIMATION IN MULTIPATH ENVIRONMENTS USING SLIDING ANTENNA ARRAYS. Progress in Electromagnetics Research Letters, 2015, 54, 101-105.	0.7	0
49	A Software-Defined Radio approach for locating Electric Arcs. , 2015, , .		0
50	Effects of enabling carrier aggregation in a mobile operator network. , 2015, , .		0
51	E2E QoS Support Aided ITPC WiFi Network for Baghdad City: Performance Analysis. , 2018, , .		0
52	WiMAX Network Aided SCIS for Baghdad City: Design and Analysis Using ICS Telecom. , 2018, , .		0
53	Design and Analysis of Wireless Networks Based on ITPC for Performance Improvement. , 2018, , .		0
54	Analysis and Measurements of Wi-Fi Offloading Solutions. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2015, , 127-134.	0.3	0

#	ARTICLE	IF	CITATIONS
55	5G Challenges, Requirements and Key Differentiating Characteristics from the Perspective of a Mobile Operator. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2018, , 64-70.	0.3	0