

Radek Fujdiak

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

30
papers

411
citations

13
h-index

19
g-index

44
ext. papers

557
ext. citations

2
avg, IF

3.74
L-index

#	Paper	IF	Citations
30	Testbed for LoRaWAN Security: Design and Validation through Man-in-the-Middle Attacks Study. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 7642	2.6	1
29	Generator of Slow Denial-of-Service Cyber Attacks. <i>Sensors</i> , 2021 , 21,	3.8	2
28	Investigation of the Performance of TDoA-Based Localization Over LoRaWAN in Theory and Practice. <i>Sensors</i> , 2020 , 20,	3.8	5
27	Energy Attack in LoRaWAN 2019 ,		4
26	Simulation of Achievable Data Rates of Broadband Power Line Communication for Smart Metering. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 1527	2.6	10
25	A Secure Publish/Subscribe Protocol for Internet of Things 2019 ,		43
24	Electromagnetic compatibility of PLC adapters for in-home/domestic networks. <i>Journal of Electrical Engineering</i> , 2018 , 69, 79-84	0.6	3
23	Performance evaluation of multi-carrier power line communication systems in real condition for smart grid neighborhood area networks 2017 ,		2
22	Software Optimization of Advanced Encryption Standard for Ultra-Low-Power MSP430. <i>Advances in Intelligent Systems and Computing</i> , 2017 , 469-478	0.4	
21	Remote networking technology for IoT: Cloud-based access for AllJoyn-enabled devices 2016 ,		13
20	Advanced optimization method for improving the urban traffic management 2016 ,		8
19	On perspective of security and privacy-preserving solutions in the internet of things. <i>Computer Networks</i> , 2016 , 102, 83-95	5.4	74
18	Analysis of Channel Transfer Functions in Power Line Communication System for Smart Metering and Home Area Network. <i>Advances in Electrical and Computer Engineering</i> , 2016 , 16, 51-56	1.3	17
17	A Trial of Yoking-Proof Protocol in RFID-based Smart-Home Environment. <i>Communications in Computer and Information Science</i> , 2016 , 25-34	0.3	3
16	Wireless M-BUS: An Attractive M2M Technology for 5G-Grade Home Automation. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2016 , 144-156	0.2	0
15	A Harmonized Perspective on Transportation Management in Smart Cities: The Novel IoT-Driven Environment for Road Traffic Modeling. <i>Sensors</i> , 2016 , 16,	3.8	54
14	Design of low-power random number generator using signal quantization error in Smart Grid 2016 ,		6

13	Experimental measurements of noise influence on narrowband Power Line Communication 2016,		14
12	Power line topology prediction using time domain reflectometry 2016,		1
11	Implementing a Broadcast Storm Attack on a Mission-Critical Wireless Sensor Network. <i>Lecture Notes in Computer Science, 2016,</i> 297-308	0.9	21
10	Analytical Evaluation of D2D Connectivity Potential in 5G Wireless Systems. <i>Lecture Notes in Computer Science, 2016,</i> 395-403	0.9	20
9	Using genetic algorithm for advanced municipal waste collection in Smart City 2016,		22
8	Implementation of Elliptic Curve Diffie Hellman in ultra-low power microcontroller 2015,		15
7	Analysis and Experimental Evaluation of Power Line Transmission Parameters for Power Line Communication. <i>Measurement Science Review, 2015,</i> 15, 64-71	1.7	16
6	Narrowband Power Line Communication for Smart Metering and Street Lighting Control. <i>IFAC-PapersOnLine, 2015,</i> 48, 215-219	0.7	21
5	Efficiency evaluation of different types of cryptography curves on low-power devices 2015,		13
4	Verification of genetic algorithm in dynamic traffic light management 2015,		1
3	Analysis of random number generator from texas instrument in MSP430 x5xx families 2015,		1
2	Heterogeneous Networks for Smart Metering [Power Line and Radio Communication. <i>Elektronika I/ Elektrotehnika, 2015,</i> 21,	1.7	14
1	Transfer function of power line channel [Influence of topology parameters and power line topology estimation 2014,		4