

Radek Fujdiak

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

664
citations

932766

10
h-index

839053

18
g-index

44
all docs

44
docs citations

44
times ranked

583
citing authors

#	ARTICLE	IF	CITATIONS
1	On perspective of security and privacy-preserving solutions in the internet of things. Computer Networks, 2016, 102, 83-95.	3.2	108
2	A Harmonized Perspective on Transportation Management in Smart Cities: The Novel IoT-Driven Environment for Road Traffic Modeling. Sensors, 2016, 16, 1872.	2.1	67
3	A Secure Publish/Subscribe Protocol for Internet of Things. , 2019, , .		59
4	Using genetic algorithm for advanced municipal waste collection in Smart City. , 2016, , .		43
5	Narrowband Power Line Communication for Smart Metering and Street Lighting Control. IFAC-PapersOnLine, 2015, 48, 215-219.	0.5	35
6	Implementing a Broadcast Storm Attack on a Mission-Critical Wireless Sensor Network. Lecture Notes in Computer Science, 2016, , 297-308.	1.0	29
7	Analytical Evaluation of D2D Connectivity Potential in 5G Wireless Systems. Lecture Notes in Computer Science, 2016, , 395-403.	1.0	28
8	Analysis of Channel Transfer Functions in Power Line Communication System for Smart Metering and Home Area Network. Advances in Electrical and Computer Engineering, 2016, 16, 51-56.	0.5	25
9	Implementation of Elliptic Curve Diffie Hellman in ultra-low power microcontroller. , 2015, , .		23
10	Analysis and Experimental Evaluation of Power Line Transmission Parameters for Power Line Communication. Measurement Science Review, 2015, 15, 64-71.	0.6	22
11	Efficiency evaluation of different types of cryptography curves on low-power devices. , 2015, , .		22
12	Experimental measurements of noise influence on narrowband Power Line Communication. , 2016, , .		20
13	Remote networking technology for IoT: Cloud-based access for AllJoyn-enabled devices. , 2016, , .		20
14	Heterogeneous Networks for Smart Metering – Power Line and Radio Communication. Elektronika Ir Elektrotechnika, 2015, 21, .	0.4	19
15	Advanced optimization method for improving the urban traffic management. , 2016, , .		16
16	Simulation of Achievable Data Rates of Broadband Power Line Communication for Smart Metering. Applied Sciences (Switzerland), 2019, 9, 1527.	1.3	16
17	Energy Attack in LoRaWAN. , 2019, , .		14
18	Investigation of the Performance of TDoA-Based Localization Over LoRaWAN in Theory and Practice. Sensors, 2020, 20, 5464.	2.1	12

#	ARTICLE	IF	CITATIONS
19	Design of low-power random number generator using signal quantization error in Smart Grid. , 2016, , .		11
20	LoRaWAN Physical Layer-Based Attacks and Countermeasures, A Review. Sensors, 2022, 22, 3127.	2.1	10
21	Testbed for LoRaWAN Security: Design and Validation through Man-in-the-Middle Attacks Study. Applied Sciences (Switzerland), 2021, 11, 7642.	1.3	9
22	Insights into the Issue of Deploying a Private LoRaWAN. Sensors, 2022, 22, 2042.	2.1	7
23	Transfer function of power line channel — Influence of topology parameters and power line topology estimation. , 2014, , .		6
24	Generator of Slow Denial-of-Service Cyber Attacks. Sensors, 2021, 21, 5473.	2.1	6
25	Electromagnetic compatibility of PLC adapters for in-home/domestic networks. Journal of Electrical Engineering, 2018, 69, 79-84.	0.4	6
26	Wireless M-BUS: An Attractive M2M Technology for 5G-Grade Home Automation. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2016, , 144-156.	0.2	6
27	Application Perspective on Cybersecurity Testbed for Industrial Control Systems. Sensors, 2021, 21, 8119.	2.1	6
28	Performance evaluation of multi-carrier power line communication systems in real condition for smart grid neighborhood area networks. , 2017, , .		3
29	A Trial of Yoking-Proof Protocol in RFID-based Smart-Home Environment. Communications in Computer and Information Science, 2016, , 25-34.	0.4	3
30	Analysis of random number generator from texas instrument in MSP430 x5xx families. , 2015, , .		2
31	Analysis and detection of application-independent slow Denial of Service cyber attacks. , 2021, , .		2
32	Power Grid and Data Network Simulator. , 2022, , .		2
33	Virtualization Platform for Urban Infrastructure. , 2022, , .		2
34	Verification of genetic algorithm in dynamic traffic light management. , 2015, , .		1
35	Power line topology prediction using time domain reflectometry. , 2016, , .		1
36	Efficiency evaluation for different kind of localization methods for android devices. , 2017, , .		1

#	ARTICLE	IF	CITATIONS
37	Design of Advanced Slow Denial of Service Attack Generator. , 2020, , .		1
38	Security Modules for Securing Industrial Networks. , 2021, , .		1
39	Evaluation of load impedances, discontinuity and impedance mismatch in PLC networks by experimental measurements with coupling circuits. , 2015, , .		0
40	Equipment for power line communication based on single-carrier system for home automation system. , 2017, , .		0
41	Anomalous Behaviour of Cryptographic Elliptic Curves Over Finite Field. Elektronika Ir Elektrotechnika, 2017, 23, .	0.4	0
42	Specific Anomaly Detection Method in Wireless Communication Networks. , 2020, , .		0
43	Simplified Method for Fast and Efficient Incident Detection in Industrial Networks. , 2020, , .		0