Ismail Butun

List of Publications by Year
in descending order

48 papers	1,976 citations	840776 11 h-index	794594 19 g-index
49 all docs	49 docs citations	49 times ranked	2117 citing authors

#	Article	IF	Citations
1	Delay Considerations for Reliable Communications in LoRaWAN. , 2022, , .		3
2	Swarm Unmanned Aerial Vehicles (SUAVs): A Comprehensive Analysis of Localization, Recent Aspects, and Future Trends. Journal of Sensors, 2022, 2022, 1-10.	1.1	9
3	Enhancing Cyber Security of LoRaWAN Gateways under Adversarial Attacks. Sensors, 2022, 22, 3498.	3.8	9
4	Localization in Unprecedentedly Crowded Airspace for UAVs and SUAVs. IEEE Access, 2022, 10, 65206-65220.	4.2	0
5	Implications of Cybersecurity Breaches in LPWANs. Advances in Computational Intelligence and Robotics Book Series, 2021, , 1-18.	0.4	0
6	A Review of Distributed Access Control for Blockchain Systems Towards Securing the Internet of Things. IEEE Access, 2021, 9, 5428-5441.	4.2	23
7	Early Detection and Recovery Measures for Smart Grid Cyber-Resilience. Advances in Computational Intelligence and Robotics Book Series, 2021, , 91-110.	0.4	2
8	Designing a Distributed Multi-agent System for Compiler Optimization. , 2021, , .		0
9	A Case Study of Decision Support System and Warehouse Management System Integration. Advances in Computational Intelligence and Robotics Book Series, 2021, , 111-138.	0.4	1
10	Application Layer Packet Processing Using PISA Switches. Sensors, 2021, 21, 8010.	3.8	4
11	Security of the Internet of Things: Vulnerabilities, Attacks, and Countermeasures. IEEE Communications Surveys and Tutorials, 2020, 22, 616-644.	39.4	381
12	Hardware Security of Fog End-Devices for the Internet of Things. Sensors, 2020, 20, 5729.	3.8	30
13	MAKE-ITâ€"A Lightweight Mutual Authentication and Key Exchange Protocol for Industrial Internet of Things. Sensors, 2020, 20, 5166.	3.8	21
14	Using Attribute-based Feature Selection Approaches and Machine Learning Algorithms for Detecting Fraudulent Website URLs. , 2020, , .		11
15	Industrial Networks and IIoT: Now and Future Trends. , 2020, , 3-55.		34
16	Intrusion Detection in Industrial Networks via Data Streaming. , 2020, , 213-238.		4
17	Activation of LoRaWAN End Devices by Using Public Key Cryptography. , 2020, , .		9
18	Security and Privacy in Smart Grids: Challenges, Current Solutions and Future Opportunities. , 2020, , .		12

#	Article	IF	Citations
19	A Central Intrusion Detection System for RPL-Based Industrial Internet of Things. , 2019, , .		26
20	Preserving Location Privacy in Cyber-Physical Systems. , 2019, , .		5
21	Security Implications of Fog Computing on the Internet of Things. , 2019, , .		26
22	Formal security analysis of LoRaWAN. Computer Networks, 2019, 148, 328-339.	5.1	78
23	Security Risk Analysis of LoRaWAN and Future Directions. Future Internet, 2019, 11, 3.	3.8	83
24	Detecting Intrusions in Cyber-Physical Systems of Smart Cities. Advances in Computer and Electrical Engineering Book Series, 2019, , 74-102.	0.3	12
25	Location Privacy Assured Internet of Things. , 2019, , .		3
26	Analysis of LoRaWAN v1.1 security. , 2018, , .		48
27	Challenges of Securing the Industrial Internet of Things Value Chain. , 2018, , .		23
28	A Framework for Web Application Integrity. , 2018, , .		5
29	An overview of Wireless Sensor Networks towards internet of things. , 2017, , .		177
30	Privacy and trust relations in Internet of Things from the user point of view. , 2017, , .		14
31	A broad overview of GPS fundamentals: Now and future. , 2017, , .		14
32	Cloud-centric multi-level authentication as a service for secure public safety device networks. , 2016, 54, 47-53.		95
33	Simple and robust currentâ€mode maximum (MAX) circuit. Electronics Letters, 2016, 52, 137-139.	1.0	4
34	An Intrusion Detection System Based on Multi-Level Clustering for Hierarchical Wireless Sensor Networks. Sensors, 2015, 15, 28960-28978.	3.8	22
35	PCAC: Power- and Connectivity-Aware Clustering for Wireless Sensor Networks. Eurasip Journal on Wireless Communications and Networking, 2015, 2015, .	2.4	5
36	Anomaly detection and privacy preservation in cloud-centric Internet of Things. , 2015, , .		41

#	Article	IF	Citations
37	A Survey of Intrusion Detection Systems in Wireless Sensor Networks. IEEE Communications Surveys and Tutorials, 2014, 16, 266-282.	39.4	610
38	Intrusion prevention with two-level user authentication in heterogeneous wireless sensor networks. International Journal of Security and Networks, 2012, 7, 107.	0.2	15
39	Evaluation of Advanced Two Tier User Authentication scheme. , 2012, , .		1
40	Adaptive rate transmission with opportunistic scheduling in wireless networks. , 2012, , .		1
41	Comparison of routing and network coding in undirected network group communications. , 2012, , .		1
42	Coherence time-based cooperative MAC protocol 1 for wireless ad hoc networks. Eurasip Journal on Wireless Communications and Networking, 2011, 2011, .	2.4	9
43	A brief survey of access control in Wireless Sensor Networks. , 2011, , .		14
44	Advanced two tier User Authentication scheme for heterogeneous Wireless Sensor Networks. , 2011, , .		12
45	Performance Evaluation of Quick-Start in Low Latency Networks. , 2010, , .		0
46	Impact of mobility prediction on the performance of Cognitive Radio networks. , 2010, , .		22
47	An energy-efficient access control scheme for wireless sensor networks based on elliptic curve cryptography. Journal of Communications and Networks, 2009, 11, 599-606.	2.6	53
48	A blind digital signature scheme using elliptic curve digital signature algorithm. Turkish Journal of Electrical Engineering and Computer Sciences, 0, , .	1.4	3