Suleyman Uludag

List of Publications by Year
in descending order

50 papers	1,195 citations	687220 13 h-index	794469 19 g-index
51 all docs	51 docs citations	51 times ranked	1063 citing authors

#	Article	IF	Citations
1	The State of IoT Security: Unequivocal Appeal to Cybercriminals, Onerous to Defenders. IEEE Consumer Electronics Magazine, 2022, 11, 59-68.	2.3	9
2	PMU Spoof Detection via Image Classification Methodology against Repeated Value Attacks by using Deep Learning. , 2022, , .		1
3	Timely detection and mitigation of IoT-based cyberattacks in the smart grid. Journal of the Franklin Institute, 2021, 358, 172-192.	1.9	17
4	QoSChain: Provisioning Inter-AS QoS in Software-Defined Networks With Blockchain. IEEE Transactions on Network and Service Management, 2021, 18, 1706-1717.	3.2	11
5	Energy-Efficiency Framework for Fixed-Wing UAV Communications With Variable Altitude. , 2021, , .		2
6	Timely Detection and Mitigation of Stealthy DDoS Attacks via IoT Networks. IEEE Transactions on Dependable and Secure Computing, 2021, , 1-1.	3.7	28
7	A Survey of Denial-of-Service Attacks and Solutions in the Smart Grid. IEEE Access, 2020, 8, 177447-177470.	2.6	80
8	A Class of Weak Keys for the QC-MDPC Cryptosystem. , 2020, , .		3
9	Geographic profiling for serial cybercrime investigation. Digital Investigation, 2019, 28, 176-182.	3.2	15
10	Distributed Multi-Unit Privacy Assured Bidding (PAB) for Smart Grid Demand Response Programs. IEEE Transactions on Smart Grid, 2018, 9, 4119-4127.	6.2	21
11	Delineating Factors that Influence Student Performance in a Data Structures Course. , 2018, , .		5
12	A Taxonomy of the Emerging Denial-of-Service Attacks in the Smart Grid and Countermeasures. , 2018, , .		13
13	Comparative Analysis of Load-Shaping-Based Privacy Preservation Strategies in a Smart Grid. IEEE Transactions on Industrial Informatics, 2017, 13, 3226-3235.	7.2	25
14	Toward Smart Cities via the Smart Grid and Intelligent Transportation Systems. , 2017, , 117-166.		0
15	Mitigating IoT-based Cyberattacks on the Smart Grid. , 2017, , .		10
16	Optimal Mobility Patterns of Multiple Base Stations for Wireless Sensor Network Lifetime Maximization. IEEE Sensors Journal, 2017, 17, 7177-7188.	2.4	25
17	Joint Optimization of Transmission Power Level and Packet Size for WSN Lifetime Maximization. IEEE Sensors Journal, 2016, 16, 5084-5094.	2.4	38
18	Power scheduling in privacy enhanced microgrid networks with renewables and storage. , 2016, , .		8

#	Article	IF	Citations
19	Intelligent transportation as the key enabler of smart cities. , 2016, , .		12
20	Secure and Scalable Data Collection With Time Minimization in the Smart Grid. IEEE Transactions on Smart Grid, 2016, 7, 43-54.	6.2	69
21	Privacy-Guaranteeing Bidding in Smart Grid Demand Response Programs. , 2015, , .		1
22	Tutorial V: Privacy and security augmented smart grid and microgrid optimization and communications. , 2015, , .		0
23	Techniques, Taxonomy, and Challenges of Privacy Protection in the Smart Grid. Computer Communications and Networks, 2015, , 343-390.	0.8	15
24	Practical and secure Machine-to-Machine data collection protocol in Smart Grid. , 2014, , .		5
25	Towards designing and developing curriculum for the challenges of the smart grid education. , 2014, , .		3
26	Developing a Smart Grid cybersecurity education platform and a preliminary assessment of its first application. , 2014, , .		10
27	Secure data collection in constrained tree-based Smart Grid environments. , 2014, , .		8
28	Low-complexity 3D target tracking in Wireless Aerial Sensor Networks. , 2014, , .		7
29	An MV distribution automation system and its assessment in light of the smart grid vision. , 2013, , .		1
30	Optimized scheduling of power in an islanded microgrid with renewables and stored energy. , 2013, , .		2
31	Pedagogical analysis and multifaceted evaluation of an engineering co-op program. , 2013, , .		0
32	Student perceptions of cheating in online and traditional classes. , 2013, , .		12
33	An architecture for a microgrid-based eco industrial park using a Multi-Agent System. , 2013, , .		3
34	Teaching computing and programming fundamentals via App Inventor for Android. , 2012, , .		15
35	Assessment of a frugal, virtual and green computing lab infrastructure of the future. , 2012, , .		3
36	Virtualized lab infrastructure on a budget for various computing and engineering courses. , 2012, , .		4

#	Article	IF	Citations
37	A survey of routing protocols for smart grid communications. Computer Networks, 2012, 56, 2742-2771.	3.2	270
38	A taxonomy and evaluation for developing 802.11â€based wireless mesh network testbeds. International Journal of Communication Systems, 2012, 25, 963-990.	1.6	22
39	Implementing IT0/CS0 with scratch, app inventor forandroid, and lego mindstorms. , 2011, , .		21
40	Work in progress — Teaching networking concepts through Bluetooth software implementation. , 2010, , .		2
41	Distributed Recovery from Network Partitioning in Movable Sensor/Actor Networks via Controlled Mobility. IEEE Transactions on Computers, 2010, 59, 258-271.	2.4	177
42	A Laplace Transform-Based Method to Stochastic Path Finding. , 2009, , .		2
43	Distributed Recovery of Actor Failures in Wireless Sensor and Actor Networks. , 2008, , .		72
44	Stochastically Guaranteed Routing for Additive Link Metrics with Unknown Distributions. IEEE International Workshop on Quality of Service, 2008, , .	0.0	0
45	Distributed channel assignment in Wireless Mesh Networks with guaranteed connectivity. , 2008, , .		0
46	Analysis of Topology Aggregation techniques for QoS routing. ACM Computing Surveys, 2007, 39, 7.	16.1	53
47	Quality-of-Service routing with path information aggregation. Computer Networks, 2007, 51, 3574-3594.	3.2	11
48	Quality-of-service provisioning via stochastic path selection under Weibullian link delays. , 2007, , .		1
49	QRP02-4: Probabilistic Path Selection under Inaccuracy via Augmented Shortest Path Algorithms. IEEE Global Telecommunications Conference (GLOBECOM), 2006, , .	0.0	2
50	Internet packet loss: measurement and implications for end-to-end QoS. , 0, , .		80