

Hussein T Mouftah

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1408356/publications.pdf>

Version: 2024-02-01

234
papers

3,815
citations

257450

24
h-index

214800

47
g-index

238
all docs

238
docs citations

238
times ranked

3990
citing authors

#	ARTICLE	IF	CITATIONS
1	Energy-Efficient Information and Communication Infrastructures in the Smart Grid: A Survey on Interactions and Open Issues. IEEE Communications Surveys and Tutorials, 2015, 17, 179-197.	39.4	343
2	Trustworthy Sensing for Public Safety in Cloud-Centric Internet of Things. IEEE Internet of Things Journal, 2014, 1, 360-368.	8.7	185
3	Performance Analysis of Convolutional Coding Techniques in Diffusion-Based Concentration-Encoded PAM Molecular Communication Systems. BioNanoScience, 2013, 3, 270-284.	3.5	133
4	Routing protocols for wireless sensor networks with mobile sinks: a survey. , 2014, 52, 150-157.		99
5	Decentralized Cloud-SDN Architecture in Smart Grid: A Dynamic Pricing Model. IEEE Transactions on Industrial Informatics, 2018, 14, 1220-1231.	11.3	98
6	Autonomous vehicles in the sustainable cities, the beginning of a green adventure. Sustainable Cities and Society, 2019, 51, 101751.	10.4	98
7	A Survey of Beacon-Enabled IEEE 802.15.4 MAC Protocols in Wireless Sensor Networks. IEEE Communications Surveys and Tutorials, 2014, 16, 856-876.	39.4	96
8	A Survey on Cross-Layer Quality-of-Service Approaches in WSNs for Delay and Reliability-Aware Applications. IEEE Communications Surveys and Tutorials, 2016, 18, 525-552.	39.4	85
9	Big Data Analytics: Security and privacy challenges. , 2016, , .		77
10	Dynamic Mix-Zone for Location Privacy in Vehicular Networks. IEEE Communications Letters, 2013, 17, 1524-1527.	4.1	76
11	A Novel Electric Vehicles Charging/Discharging Management Protocol Based on Queuing Model. IEEE Transactions on Intelligent Vehicles, 2020, 5, 100-111.	12.7	73
12	User-Aware Game Theoretic Approach for Demand Management. IEEE Transactions on Smart Grid, 2015, 6, 716-725.	9.0	72
13	A Comprehensive Study of Sampling-Based Optimum Signal Detection in Concentration-Encoded Molecular Communication. IEEE Transactions on Nanobioscience, 2014, 13, 208-222.	3.3	67
14	Smart grid forensic science: applications, challenges, and open issues. , 2013, 51, 68-74.		65
15	Routing protocols for duty cycled wireless sensor networks: A survey. , 2012, 50, 116-123.		56
16	Two-factor mutual authentication with key agreement in wireless sensor networks. Security and Communication Networks, 2016, 9, 171-183.	1.5	55
17	Empowering Reinforcement Learning on Big Sensed Data for Intrusion Detection. , 2019, , .		55
18	Priority- and Delay-Aware Medium Access for Wireless Sensor Networks in the Smart Grid. IEEE Systems Journal, 2014, 8, 608-618.	4.6	54

#	ARTICLE	IF	CITATIONS
19	Multiagent/multiobjective interaction game system for service provisioning in vehicular cloud. IEEE Access, 2016, 4, 3153-3168.	4.2	53
20	Detection of Known and Unknown Intrusive Sensor Behavior in Critical Applications. , 2017, 1, 1-4.		49
21	Soft Sensing in Smart Cities: Handling 3Vs Using Recommender Systems, Machine Intelligence, and Data Analytics. , 2018, 56, 78-86.		49
22	Adaptively Supervised and Intrusion-Aware Data Aggregation for Wireless Sensor Clusters in Critical Infrastructures. , 2018, , .		42
23	Privacy preserving broadcast message authentication protocol for VANETs. Journal of Network and Computer Applications, 2013, 36, 1352-1364.	9.1	38
24	Backpressure-based routing and scheduling protocols for wireless multihop networks: A survey. IEEE Wireless Communications, 2016, 23, 102-110.	9.0	37
25	A Comprehensive Analysis of Strength-Based Optimum Signal Detection in Concentration-Encoded Molecular Communication With Spike Transmission. IEEE Transactions on Nanobioscience, 2015, 14, 67-83.	3.3	34
26	Inter-and-intra data center VM-placement for energy-efficient large-Scale cloud systems. , 2012, , .		31
27	DDRP: An efficient data-driven routing protocol for wireless sensor networks with mobile sinks. International Journal of Communication Systems, 2013, 26, 1341-1355.	2.5	31
28	Authentication and authorization mechanisms for substation automation in smart grid network. IEEE Network, 2013, 27, 5-11.	6.9	31
29	Optimal Trust System Placement in Smart Grid SCADA Networks. IEEE Access, 2016, 4, 2907-2919.	4.2	31
30	Designing an Energy-Efficient Cloud Network [Invited]. Journal of Optical Communications and Networking, 2012, 4, B101.	4.8	29
31	Mobility-aware trustworthy crowdsourcing in cloud-centric Internet of Things. , 2014, , .		28
32	Smart electric vehicle charging management for smart cities. IET Smart Cities, 2020, 2, 4-13.	3.1	28
33	Strength-based optimum signal detection in concentration-encoded pulse-transmitted OOK molecular communication with stochastic ligand-receptor binding. Simulation Modelling Practice and Theory, 2014, 42, 189-209.	3.8	27
34	Bandwidth Distribution Solutions for Performance Enhancement in Long-Reach Passive Optical Networks. IEEE Communications Surveys and Tutorials, 2011, , .	39.4	26
35	Concentration-Encoded Subdiffusive Molecular Communication: Theory, Channel Characteristics, and Optimum Signal Detection. IEEE Transactions on Nanobioscience, 2016, 15, 533-548.	3.3	26
36	Hierarchical trust-based black-hole detection in WSN-based smart grid monitoring. , 2017, , .		25

#	ARTICLE	IF	CITATIONS
37	Quality of service in Plug-in Electric Vehicle charging infrastructure. , 2012, , .		24
38	A Reliable IEEE 802.15.4 Model for Cyber Physical Power Grid Monitoring Systems. IEEE Transactions on Emerging Topics in Computing, 2013, 1, 258-272.	4.6	24
39	Fog-Computing-Based Energy Storage in Smart Grid: A Cut-Off Priority Queuing Model for Plug-In Electrified Vehicle Charging. IEEE Transactions on Industrial Informatics, 2020, 16, 3470-3482.	11.3	24
40	Energy-Efficient Cloud Services over Wavelength-Routed Optical Transport Networks. , 2011, , .		23
41	Bidirectional Multi-Constrained Routing Algorithms. IEEE Transactions on Computers, 2014, 63, 2174-2186.	3.4	23
42	Cloud-Centric Collaborative Security Service Placement for Advanced Metering Infrastructures. IEEE Transactions on Smart Grid, 2019, 10, 1339-1348.	9.0	23
43	Internet of Things â€•integrated IRâ€•UWB technology for healthcare applications. Concurrency Computation Practice and Experience, 2020, 32, e5454.	2.2	23
44	Optimal Reconfiguration of the Cloud Network for Maximum Energy Savings. , 2012, , .		22
45	A distributed game theoretic approach to energy trading in the smart grid. , 2015, , .		22
46	A virtual queue-based back-pressure scheduling algorithm for wireless sensor networks. Eurasip Journal on Wireless Communications and Networking, 2015, 2015, .	2.4	22
47	Availability and Cost-Constrained Long-Reach Passive Optical Network Planning. IEEE Transactions on Reliability, 2012, 61, 113-124.	4.6	21
48	Mitigating False Negative intruder decisions in WSN-based Smart Grid monitoring. , 2017, , .		21
49	Energy Trading in the Smart Grid: A Distributed Game-Theoretic Approach. Canadian Journal of Electrical and Computer Engineering, 2017, 40, 57-65.	2.0	21
50	Decentralized Electric Vehicle Supply Stations (D-EVSSs): A Realistic Scenario for Smart Cities. IEEE Access, 2019, 7, 63016-63026.	4.2	20
51	IoT Applications and Services for Connected and Autonomous Electric Vehicles. Arabian Journal for Science and Engineering, 2020, 45, 2559-2569.	3.0	20
52	Machine Learning-Enabled IoT Security: Open Issues and Challenges Under Advanced Persistent Threats. ACM Computing Surveys, 2023, 55, 1-37.	23.0	20
53	Fog-Based Distributed Intrusion Detection System Against False Metering Attacks in Smart Grid. , 2019, , .		19
54	Dynamic Virtual Machine Migration in a vehicular cloud. , 2014, , .		18

#	ARTICLE	IF	CITATIONS
55	Relay Selection for Heterogeneous Transmission Powers in VANETs. IEEE Access, 2017, 5, 4870-4886.	4.2	18
56	A Novel Ensemble Method for Advanced Intrusion Detection in Wireless Sensor Networks. , 2020, , .		18
57	Cost-Aware Smart Microgrid Network design for a sustainable smart grid. , 2011, , .		17
58	Study of clear channel assessment mechanism for ZigBee packet transmission under Wi-Fi interference. , 2013, , .		17
59	Smart grid monitoring with service differentiation via EPON and wireless sensor network convergence. Optical Switching and Networking, 2014, 14, 53-68.	2.0	17
60	ENTRUST: Energy trading under uncertainty in smart grid systems. Computer Networks, 2016, 110, 232-242.	5.1	17
61	DRIFT: Differentiated RF Power Transmission for Wireless Sensor Network deployment in the smart grid. , 2012, , .		16
62	An adaptive QoS scheme for WSN-based smart grid monitoring. , 2013, , .		16
63	On the impact of quality of experience (QoE) in a vehicular cloud with various providers. , 2014, , .		16
64	Delay-Aware Medium Access Schemes for WSN-Based Partial Discharge Measurement. IEEE Transactions on Instrumentation and Measurement, 2014, 63, 3045-3057.	4.7	16
65	Novel Communication Protocol for the EV Charging/Discharging Service Based on VANETs. IEEE Transactions on Intelligent Vehicles, 2017, 2, 25-37.	12.7	16
66	Vehicle as a resource for continuous service availability in smart cities. , 2017, , .		16
67	Decentralized Game-Theoretic Scheme for D-EVSE Based on Renewable Energy in Smart Cities: A Realistic Scenario. IEEE Access, 2020, 8, 48274-48284.	4.2	16
68	A delay mitigation scheme for WSN-based smart grid substation monitoring. , 2013, , .		15
69	Radio-frequency-based Wireless Energy Transfer in LTE-A heterogenous networks. , 2014, , .		15
70	Encryption as a service for smart grid advanced metering infrastructure. , 2015, , .		15
71	Sensor Medium Access Control (SMAC)-based epilepsy patients monitoring system. , 2015, , .		15
72	Deployment of Secure EV Charging System Using Open Charge Point Protocol. , 2018, , .		15

#	ARTICLE	IF	CITATIONS
73	Fairness-Aware Game Theoretic Approach for Service Management in Vehicular Clouds. , 2017, , .		14
74	Vehicular clouds: State of the art, challenges and future directions. , 2015, , .		13
75	Connected and Autonomous Electric Vehicles: Quality of Experience survey and taxonomy. Vehicular Communications, 2021, 28, 100312.	4.0	13
76	Intelligent transportation systems: A survey on modern hardware devices for the era of machine learning. Journal of King Saud University - Computer and Information Sciences, 2022, 34, 5921-5942.	3.9	13
77	Future Trends in Connected and Autonomous Vehicles: Enabling Communications and Processing Technologies. IEEE Access, 2022, 10, 42334-42345.	4.2	13
78	Secure communication mechanism for ubiquitous Smart grid infrastructure. Journal of Supercomputing, 2013, 64, 435-455.	3.6	12
79	An Improved Energy Detector Using Outdated Channel State Information. IEEE Communications Letters, 2015, 19, 1237-1240.	4.1	12
80	New MMSE Downlink Channel Estimation for Sub-6 GHz Non-Line-of-Sight Backhaul. , 2018, , .		12
81	The impact of time of use (ToU)-awareness in energy and opex performance of a cloud backbone. , 2012, , .		11
82	Interference Aware Adaptive Clear Channel Assessment for improving ZigBee packet transmission under Wi-Fi interference. , 2013, , .		11
83	Modeling of variable Clear Channel Assessment MAC protocol for Wireless Sensor Networks. Computer Communications, 2015, 59, 67-83.	5.1	11
84	Federated Reinforcement Learning-Supported IDS for IoT-steered Healthcare Systems. , 2021, , .		11
85	Vehicle as a Computational Resource: Optimizing Quality of Experience for connected vehicles in a smart city. Vehicular Communications, 2022, 33, 100432.	4.0	11
86	LiCaNet: Further Enhancement of Joint Perception and Motion Prediction Based on Multi-Modal Fusion. IEEE Open Journal of Intelligent Transportation Systems, 2022, 3, 222-235.	4.8	11
87	Strength Based Receiver Architecture and Communication Range and Rate Dependent Signal Detection Characteristics of Concentration Encoded Molecular Communication. , 2012, , .		10
88	Distributed management of energy-efficient lightpaths for computational grids. , 2012, , .		10
89	A realistic analytical model of IEEE 802.11p for Wireless Access in Vehicular Networks. , 2014, , .		10
90	Bluetooth scatternet formation from a time-efficiency perspective. Wireless Networks, 2014, 20, 1133-1156.	3.0	10

#	ARTICLE	IF	CITATIONS
91	A quality of service model for IEEE 802.11p communication protocol in a smart city. , 2014, , .		10
92	Energy Trading In the smart grid: A game theoretic approach. , 2015, , .		10
93	Design of energy-efficient cloud systems via network and resource virtualization. International Journal of Network Management, 2015, 25, 75-94.	2.2	10
94	Location-Aware Authorization Scheme for Emergency Response. IEEE Access, 2016, 4, 4590-4608.	4.2	10
95	Optimization of Trust Node Assignment for Securing Routes in Smart Grid SCADA Networks. IEEE Systems Journal, 2019, 13, 1505-1513.	4.6	10
96	Sequential hard-decision fusion for agile cooperative spectrum sensing. , 2015, , .		9
97	From Sensing to Alerting: a Pathway of RESTful Messaging in Ambient Assisted Living. IEEE Wireless Communications, 2016, 23, 102-110.	9.0	9
98	Cooperative spectrum sensing for cognitive radio vehicular ad hoc networks: An overview and open research issues. , 2016, , .		9
99	Multimodal and Multi-pass Authentication Mechanisms for Electric Vehicle Charging Networks. , 2020, , .		9
100	On the Feasibility of Split Learning, Transfer Learning and Federated Learning for Preserving Security in ITS Systems. IEEE Transactions on Intelligent Transportation Systems, 2023, 24, 7462-7470.	8.0	9
101	Energy optimization and energy management of home via web services in smart grid. , 2012, , .		8
102	Energy Efficiency Adaptation for Multihop Routing in Wireless Sensor Networks. Journal of Computer Networks and Communications, 2012, 2012, 1-8.	1.6	8
103	Two-stage report generation in long-reach EPON for enhanced delay performance. Computer Communications, 2013, 36, 1570-1580.	5.1	8
104	QoS-aware inter-cluster head scheduling in WSNs for high data rate smart grid applications. , 2013, , .		8
105	Provisioning delay effect of partaking a Trusted Third Party in a vehicular cloud. , 2014, , .		8
106	An Auction-Driven Multi-Objective Provisioning Framework in a Vehicular Cloud. , 2015, , .		8
107	A Generalized Framework for Quality of Experience (QoE)-Based Provisioning in a Vehicular Cloud. , 2015, , .		8
108	A Statistical Analysis of RF-Energy Harvesting in Wireless Networks. , 2015, , .		8

#	ARTICLE	IF	CITATIONS
109	Latency-aware segmentation and trust system placement in smart grid SCADA networks. , 2016, , .		8
110	Profit Maximization for EVSEs-Based Renewable Energy Sources in Smart Cities With Different Arrival Rate Scenarios. IEEE Access, 2021, 9, 58740-58754.	4.2	8
111	Time-efficient algorithms for the outdegree limited bluetooth scatternet formation problem. , 2012, , .		7
112	A realistic and stable Markov-based model for WSNs. , 2013, , .		7
113	Mobility impact on the performance of electric vehicle-to-grid communications in smart grid environment. , 2015, , .		7
114	Decentralized RFID Coverage Algorithms With Applications for the Reader Collisions Avoidance Problem. IEEE Transactions on Emerging Topics in Computing, 2016, 4, 502-515.	4.6	7
115	Energy-efficient DBA and QoS in FiWi networks constrained to metro-access convergence. , 2012, , .		6
116	Design considerations for energy-efficient Multi-Granular Optical Networks. , 2012, , .		6
117	Power and cost reduction in optical transport networks by Multi-Granular switching with optical reach consideration. , 2012, , .		6
118	Minimizing the provisioning delay in the cloud network: Benefits, overheads and challenges. , 2012, , .		6
119	Secure and robust multipath routings for advanced metering infrastructure. Journal of Supercomputing, 2013, 66, 1071-1092.	3.6	6
120	Distributed time synchronization mechanism for large-scale vehicular networks. , 2016, , .		6
121	Adaptive Backoff Algorithm for EDCA in the IEEE 802.11p protocol. , 2016, , .		6
122	A novel electric vehicles charging/discharging scheme with load management protocol. , 2017, , .		6
123	Enhanced Algorithms for the IEEE 802.11p Deployment in Vehicular Ad Hoc Networks. , 2017, , .		6
124	An Analytical Framework for Effective Joint Scheduling Over TDD-Based Mobile Networks. IEEE Access, 2019, 7, 144214-144229.	4.2	6
125	Enhancements to IEEE 802.15.4 MAC Protocol to Support Vehicle-to-Roadside Communications in VANETs. , 2019, , .		6
126	Dynamic wireless charging for CAEV taxi fleet in urban environment. Internet Technology Letters, 2020, 3, e153.	1.9	6

#	ARTICLE	IF	CITATIONS
127	Energy-efficient realistic design and planning of optical backbone with multi-granular switching. , 2012, , .		5
128	Cyber security for smart grid communications: Part II [Guest Editorial]. , 2013, 51, 16-17.		5
129	Time slot allocation in WSNs for differentiated smart grid traffic. , 2013, , .		5
130	Cellular IP address provisioning in a heterogeneous wireless network. International Journal of Communication Systems, 2014, 27, 2007-2021.	2.5	5
131	A four-way-handshake protocol for energy forwarding networks in the smart grid. Ad Hoc Networks, 2014, 22, 83-92.	5.5	5
132	Fairness-Aware Game Theoretic Approach for Demand Response in Microgrids. , 2015, , .		5
133	Trusted Third Party for service management in vehicular clouds. , 2017, , .		5
134	Automated Reservation Mechanism for Charging Connected and Autonomous EVs in Smart Cities. , 2018, , .		5
135	Decentralized Energy Storage System for EVs Charging and Discharging in Smart Cities Context. , 2019, , .		5
136	Evaluating Traffic Signs Detection using Faster R-CNN for Autonomous driving. , 2020, , .		5
137	Security for Shared Electric and Automated Mobility Services in Smart Cities. IEEE Security and Privacy, 2021, 19, 24-33.	1.2	5
138	Link adaptation-based optimization for wireless sensor networks routing protocol. , 2012, , .		4
139	A self-optimized random access protocol for an infrastructure-less mission critical wireless networking system. Telecommunication Systems, 2013, 52, 2133-2144.	2.5	4
140	A traffic adaptive inter-cluster head delay control scheme in WSNs. , 2013, , .		4
141	MAC finite buffer impact on the performance of cluster-tree based WSNs. , 2013, , .		4
142	A data mining approach to energy efficiency in Wireless Sensor Networks. , 2013, , .		4
143	Distributed discovery services via EPC-BGP for mobile RFID. , 2013, , .		4
144	Overlay energy circle formation for cloud data centers with renewable energy futures contracts. , 2014, , .		4

#	ARTICLE	IF	CITATIONS
145	Optimization of Watchdog Selection in Wireless Sensor Networks. IEEE Wireless Communications Letters, 2016, , 1-1.	5.0	4
146	Decentralized RFID coverage algorithms using writeable tags. Computer Networks, 2016, 102, 96-108.	5.1	4
147	Blind decryption for cloud computing. , 2016, , .		4
148	Decision-Based cooperative spectrum sensing using random medium access. , 2016, , .		4
149	An optimized cluster-based WSN design for latency-critical applications. , 2017, , .		4
150	Resiliency versus energy sustainability in optical inter-datacenter networks. Optical Switching and Networking, 2017, 23, 144-155.	2.0	4
151	Mobility Traffic Model Based on Combination of Multiple Transportation Forms in the Smart City. , 2019, , .		4
152	Decentralized Game-Theoretic Approach for D-EVSE based on Renewable Energy in Smart Cities. , 2020, , .		4
153	A mathematical framework for effective routing over low power and lossy networks. International Journal of Communication Systems, 2020, 33, e4416.	2.5	4
154	Connected and Autonomous Electric Vehicles Charging Reservation and Trip Planning System. , 2021, , .		4
155	Integration of Motion Prediction with End-to-end Latent RL for Self-Driving Vehicles. , 2021, , .		4
156	Modern Development Technologies and Health Informatics: Area Transformation and Future Trends. IEEE Internet of Things Magazine, 2020, 3, 88-94.	2.6	4
157	A New Realistic Benchmark for Advanced Persistent Threats in Network Traffic. IEEE Networking Letters, 2022, 4, 162-166.	1.9	4
158	Provisioning secure on-demand routing protocol in mobile ad hoc network. , 2011, , .		3
159	Comparative study of the m-trail possible solutions for wireless/ optical access networks. , 2012, , .		3
160	A reduced search space routing algorithm for large-scale cognitive radio wireless. , 2013, , .		3
161	A distributed framework for energy-efficient lightpaths in computational grids. Journal of High Speed Networks, 2013, 19, 1-18.	0.8	3
162	A QoS Scheme for Charging Electric Vehicles in a Smart Grid Environment. , 2014, , .		3

#	ARTICLE	IF	CITATIONS
163	Guest EditorialSpecial Section on Green Mobile Multimedia Communications. IEEE Transactions on Vehicular Technology, 2014, 63, 1997-2001.	6.3	3
164	City traffic management model using Wireless Sensor Networks. , 2014, , .		3
165	A Hierarchical Architecture for Distributed EPCglobal Discovery Services. , 2015, , .		3
166	Forming MS-Free and Outdegree-Limited Bluetooth Scatternets in Pessimistic Environments. IEEE Internet of Things Journal, 2015, 2, 538-550.	8.7	3
167	On determining the cost-effective optical transport network architecture for next generation data center interconnectivity. , 2016, , .		3
168	An Optimized WSN Design for Latency-Critical Smart Grid Applications. Journal of Sensors, 2017, 2017, 1-8.	1.1	3
169	Wireless Charging System for Connected and Autonomous Electric Vehicles. , 2018, , .		3
170	Multi-Level Fog Based Resource Allocation Model for EVs Energy Planning in Smart Grid. , 2018, , .		3
171	Software Defined Survivable Optical Interconnect for data centers. Optical Switching and Networking, 2019, 31, 86-99.	2.0	3
172	Provisioning Road Weather Management using Edge Cloud and Connected and Autonomous Vehicles. , 2021, , .		3
173	Security and Privacy-Preserving Mechanism for Aggregator Based Vehicle-to-Grid Network. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2014, , 75-85.	0.3	3
174	LiCaNext: Incorporating Sequential Range Residuals for Additional Advancement in Joint Perception and Motion Prediction. IEEE Access, 2021, 9, 146244-146255.	4.2	3
175	End-to-End Multi-View Fusion for Enhanced Perception and Motion Prediction. , 2021, , .		3
176	Fault-localization comparative study of deploying monitoring trails to achieve survivability in all-optical networks. , 2012, , .		2
177	Economizing the operational costs of cloud services in an optical transport network. , 2013, , .		2
178	A new connectivity metric for cognitive radio networks. , 2013, , .		2
179	Challenges of wireless power transfer for prolonging User Equipment (UE) lifetime in wireless networks. , 2014, , .		2
180	Tuning guaranteed time slots of IEEE 802.15.4 for transformer health monitoring in the smart grid. , 2014, , .		2

#	ARTICLE	IF	CITATIONS
181	Forming MS-free and outdegree-limited Bluetooth scatternets in pessimistic environments. , 2014, , .		2
182	Adaptive Service Time Control in Wireless Access for Vehicular Environment. , 2015, , .		2
183	Multi-domain Public key infrastructure for Vehicle-to-Grid network. , 2015, , .		2
184	Performance evaluation and improvement of TCP/IPv6 over IEEE 802.15.4 under Wi-Fi interference. , 2015, , .		2
185	A study of resource-constrained cyber security planning for smart grid networks. , 2016, , .		2
186	QoS-based Distributed Time Synchronization mechanism for high intensity vehicular networks. , 2016, , .		2
187	A Review of Intrusion Detection in 802.15.4-Based Wireless Sensor Networks. , 2016, , .		2
188	Power-aware design of the optical interconnect for future data centers. , 2016, , .		2
189	Exact Statistical Characterization of RF-Energy Harvesting over Rice Fading Channel. , 2018, , .		2
190	Exact Statistical Characterization of RF-Energy Harvesting over Nakagami-m Fading Channel. , 2018, , .		2
191	Novel Predictive Home Appliance's Management Algorithm in Smart Grids. <i>Frontiers in Energy Research</i> , 2020, 8, .	2.3	2
192	Profit Maximization for EVSEs-based Solar Energy in Smart Cities. , 2021, , .		2
193	Game Theoretic Approach for a Multi-Mode Transportation in Smart Cities. , 2020, , .		2
194	Multi-Granular Optical Transport Network design with dual power state. , 2012, , .		1
195	A game theoretic approach for plug-in hybrid electrical vehicle load management in the smart grid. , 2013, , .		1
196	An investigative analysis on concentration-encoded subdiffusive molecular communication in nanonetworks. , 2014, , .		1
197	Optical inter-data-center network design under resilience requirements and dynamic electricity pricing. , 2014, , .		1
198	Adaptive Preamble Padding with Retransmission Control for ZigBee network under Wi-Fi interference. , 2015, , .		1

#	ARTICLE	IF	CITATIONS
199	Secure data storage structure and privacy-preserving mobile search scheme for public safety networks. , 2016, , .		1
200	Enhancing frequency regulation coverage for electric vehicles in a smart grid environment. , 2016, , .		1
201	Security analysis of C-BGP: A light alternative to S-BGP. , 2016, , .		1
202	Software Defined Survivable Optical Interconnects for Data Centers. , 2017, , .		1
203	A novel pricing policy for G2V and V2G services. , 2017, , .		1
204	RF-Energy Harvesting from Moving Vehicles: Mathematical Modeling and Selection Protocol. , 2018, , .		1
205	Game theoretic approach for public multi-mode transportation in smart cities. IET Networks, 2021, 10, 201-216.	1.8	1
206	Adaptive Transmit Power Adjustment Technique for ZigBee Network under Wi-Fi Interference. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2014, , 146-157.	0.3	1
207	Keynote Speech II: Autonomous and Connected Electric Vehicles Deployment in Smart Cities. , 2018, , .		1
208	Decentralised game-theoretic management for a community-based transportation system. IET Smart Cities, 2020, 2, 181-190.	3.1	1
209	Proactive Disturbance-Aware Routing within Software-Defined Networking. , 2020, , .		1
210	Using Geographic Midpoint, the m-trails fault localization technique, as a Forced Routing algorithm in all-optical networks. , 2011, , .		0
211	Self-stability of slotted ALOHA by limiting the number of retransmission trials in infrastructure-less wireless networks. Telecommunication Systems, 2011, 52, 435.	2.5	0
212	Robust RFID Authentication for Supply Chain Management. , 2012, , .		0
213	Distributed Multi-fault Localization for Multi-domain EPCglobal Networks. , 2012, , .		0
214	Energy versus delay trade-offs in metro-access convergence. , 2012, , .		0
215	Greening the multi-granular optical transport network design under the optical reach constraint. , 2012, , .		0
216	Secured web services for home automation in smart grid environment. , 2012, , .		0

#	ARTICLE	IF	CITATIONS
217	Using an overlay network to manage the renewable energy in residential areas. , 2013, , .		0
218	Distance awareness Geographic Midpoint - An enhancement constraint-based routing protocol for all-optical networks. , 2014, , .		0
219	Green realistic design of Multi-Granular Optical core networks. , 2014, , .		0
220	Delay tolerant EPC-BGP for discovery services in EPCGlobal networks. , 2014, , .		0
221	Adaptive time slots control in wireless sensor networks for delay-aware applications. , 2014, , .		0
222	Progressive Shifting Geographic Midpoint — An enhanced constraint-based trail routing protocol for all- optical networks. , 2014, , .		0
223	On the connectivity of multi-band cognitive radio ad hoc networks. , 2014, , .		0
224	Hybrid threshold-based distributed discovery service for the EPCglobal network. , 2014, , .		0
225	Design and modeling of reliable optical networks. Optical Switching and Networking, 2014, 14, 93-94.	2.0	0
226	A Hierarchical Architecture for Distributed EPCglobal Discovery Services. , 2014, , .		0
227	An enhancement to the novel RoF-PON as a fibre-wireless services enabling technology. , 2015, , .		0
228	Performance evaluation of an ITS system integrated with complementary LEO mobile satellite system. , 2015, , .		0
229	Towards Efficient Message Dissemination in Cognitive Radio Ad Hoc Network. , 2015, , .		0
230	Guest Editorial Special Issue on Internet of Things Over LTE/LTE-A Network: Theory, Methods, and Case Studies. IEEE Internet of Things Journal, 2016, 3, 314-317.	8.7	0
231	Proposed Protection Schemes to Preserve Elastic Optical Network Resources. , 2018, , .		0
232	Towards Sequential Decision-Based Cooperative Spectrum Sensing Using Random Medium Access. , 2019, , .		0
233	Keynote Speech II: AI-Enabled Deployment of Connected and Autonomous Electric Vehicles in Smart Cities. , 2020, , .		0
234	Taxi Dispatch and AEV Management in AEV Taxi Services. , 2021, , .		0