Abdelhamid Mellouk

List of Publications by Year
in descending order

43 papers	1,308 citations	687363 13 h-index	454955 30 g-index
50 all docs	50 docs citations	50 times ranked	1525 citing authors

#	Article	IF	Citations
1	SDN-Based Application-Aware Segment Routing for Large-Scale Network. IEEE Systems Journal, 2022, 16, 4401-4410.	4.6	6
2	An efficient and lightweight identity-based scheme for secure communication in clustered wireless sensor networks. Journal of Network and Computer Applications, 2022, 200, 103282.	9.1	14
3	State-Dependent Multi-Constraint Topology Configuration for Software-Defined Service Overlay Networks. IEEE/ACM Transactions on Networking, 2022, 30, 1986-2001.	3.8	0
4	Smart Contract Based Solution for Secure Distributed SDN. , 2021, , .		2
5	FAN: Fast and Active Network Formation in IEEE 802.15.4 TSCH Networks. Journal of Network and Computer Applications, 2021, 183-184, 103026.	9.1	8
6	Efficient and Stateless P2P Routing Mechanisms for the Internet of Things. IEEE Internet of Things Journal, 2021, 8, 11400-11414.	8.7	12
7	CSLPPS: Concerted Silence-Based Location Privacy Preserving Scheme for Internet of Vehicles. IEEE Transactions on Vehicular Technology, 2021, 70, 7153-7160.	6.3	11
8	On-Board Data Management Layer: Connected Vehicle as Data Platform. Electronics (Switzerland), 2021, 10, 1810.	3.1	1
9	Privacyâ€preserving authentication scheme for onâ€road onâ€demand refilling of pseudonym in VANET. International Journal of Communication Systems, 2020, 33, e4087.	2.5	13
10	Q2ABR: QoE-aware adaptive video bit rate solution. International Journal of Communication Systems, 2020, 33, e4204.	2.5	3
11	BSM-Data Reuse Model Based on In-Vehicular Computing. Applied Sciences (Switzerland), 2020, 10, 5452.	2.5	3
12	Verification of smart contracts: A survey. Pervasive and Mobile Computing, 2020, 67, 101227.	3.3	60
13	An Elite Hybrid Particle Swarm Optimization for Solving Minimal Exposure Path Problem in Mobile Wireless Sensor Networks. Sensors, 2020, 20, 2586.	3.8	12
14	Adaptive distributed SDN controllers: Application to Content-Centric Delivery Networks. Future Generation Computer Systems, 2020, 113, 78-93.	7.5	16
15	Smart communications for autonomous systems in network technologies. International Journal of Communication Systems, 2020, 33, e4445.	2.5	0
16	A robust uncertainty-aware cluster-based deployment approach for WSNs: Coverage, connectivity, and lifespan. Journal of Network and Computer Applications, 2019, 146, 102414.	9.1	29
17	MABRESE: A New Server Selection Method for Smart SDN-Based CDN Architecture. IEEE Communications Letters, 2019, 23, 1012-1015.	4.1	16
18	Distributed SDN Control: Survey, Taxonomy, and Challenges. IEEE Communications Surveys and Tutorials, 2018, 20, 333-354.	39.4	282

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19	Hybrid error recovery protocol for video streaming in vehicle ad hoc networks. Vehicular Communications, 2018, 12, 110-126.	4.0	17
20	Performance evaluation of TCP and UDP based video streaming in vehicular ad-hoc networks. , 2018, , .		9
21	Secure Routing in Cluster-Based Wireless Sensor Networks. , 2017, , .		12
22	An Evidential Approach for Network Interface Selection in Heterogeneous Wireless Networks. , 2016, , .		3
23	Fusion-based surveillance WSN deployment using Dempster–Shafer theory. Journal of Network and Computer Applications, 2016, 64, 154-166.	9.1	24
24	TCP based-user control for adaptive video streaming. Multimedia Tools and Applications, 2016, 75, 11347-11366.	3.9	4
25	Regulating QoE for adaptive video streaming using BBF method. , 2015, , .		5
26	Bio-Inspired Routing Algorithms Survey for Vehicular Ad Hoc Networks. IEEE Communications Surveys and Tutorials, 2015, 17, 843-867.	39.4	127
27	WSNs deployment framework based on the theory of belief functions. Computer Networks, 2015, 88, 12-26.	5.1	9
28	VANET-cloud: a generic cloud computing model for vehicular Ad Hoc networks. IEEE Wireless Communications, 2015, 22, 96-102.	9.0	256
29	Movement-Assisted Sensor Deployment Algorithms: A Survey and Taxonomy. IEEE Communications Surveys and Tutorials, 2015, 17, 2493-2510.	39.4	40
30	QoE/QoS-aware LTE downlink scheduler for VoIP with power saving. Journal of Network and Computer Applications, 2015, 51, 29-46.	9.1	36
31	QoE: User profile analysis for multimedia services. , 2014, , .		7
32	Belief functions and uncertainty management in networks and telecommunication. Annales Des Telecommunications/Annals of Telecommunications, 2014, 69, 131-133.	2.5	0
33	Adaptive Video Streaming Using TCP Factors Control with User Parameters. Procedia Computer Science, 2014, 34, 526-531.	2.0	1
34	Belief functions in telecommunications and network technologies: an overview. Annales Des Telecommunications/Annals of Telecommunications, 2014, 69, 135-145.	2.5	7
35	HyBR: A Hybrid Bio-inspired Bee swarm Routing protocol for safety applications in Vehicular Ad hoc NETworks (VANETs). Journal of Systems Architecture, 2013, 59, 953-967.	4.3	76
36	A dynamic QoE routing system for user-centric applications. Transactions on Emerging Telecommunications Technologies, 2013, 24, 266-279.	3.9	2

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37	Analysis of adjustable and fixed DRX mechanism for power saving in LTE/LTE-Advanced. , 2012, , .		46
38	An Evidence-Based Sensor Coverage Model. IEEE Communications Letters, 2012, 16, 1462-1465.	4.1	28
39	Ubiquitous networked robots. Annales Des Telecommunications/Annals of Telecommunications, 2012, 67, 295-296.	2.5	0
40	Uncertainty-Aware Sensor Network Deployment. , 2011, , .		18
41	QoS Swarm Bee Routing Protocol for Vehicular Ad Hoc Networks. , 2011, , .		39
42	QoSBeeManet: A new QoS multipath routing protocol for mobile ad-hoc networks. , 2010, , .		9
43	Design and performance analysis of an inductive QoS routing algorithm. Computer Communications, 2009, 32, 1371-1376.	5.1	15