

Abdelhamid Mellouk

List of Publications by Year in descending order

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Version: 2024-02-01

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	Distributed SDN Control: Survey, Taxonomy, and Challenges. IEEE Communications Surveys and Tutorials, 2018, 20, 333-354.	39.4	282
2	VANET-cloud: a generic cloud computing model for vehicular Ad Hoc networks. IEEE Wireless Communications, 2015, 22, 96-102.	9.0	256
3	Bio-Inspired Routing Algorithms Survey for Vehicular Ad Hoc Networks. IEEE Communications Surveys and Tutorials, 2015, 17, 843-867.	39.4	127
4	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
5	Verification of smart contracts: A survey. Pervasive and Mobile Computing, 2020, 67, 101227.	3.3	60
6	Analysis of adjustable and fixed DRX mechanism for power saving in LTE/LTE-Advanced. , 2012, , .		46
7	Movement-Assisted Sensor Deployment Algorithms: A Survey and Taxonomy. IEEE Communications Surveys and Tutorials, 2015, 17, 2493-2510.	39.4	40
8	QoS Swarm Bee Routing Protocol for Vehicular Ad Hoc Networks. , 2011, , .		39
9	QoS/QoS-aware LTE downlink scheduler for VoIP with power saving. Journal of Network and Computer Applications, 2015, 51, 29-46.	9.1	36
10	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
11	An Evidence-Based Sensor Coverage Model. IEEE Communications Letters, 2012, 16, 1462-1465.	4.1	28
12	Fusion-based surveillance WSN deployment using Dempster-Shafer theory. Journal of Network and Computer Applications, 2016, 64, 154-166.	9.1	24
13	Uncertainty-Aware Sensor Network Deployment. , 2011, , .		18
14	Hybrid error recovery protocol for video streaming in vehicle ad hoc networks. Vehicular Communications, 2018, 12, 110-126.	4.0	17
15	MABRESE: A New Server Selection Method for Smart SDN-Based CDN Architecture. IEEE Communications Letters, 2019, 23, 1012-1015.	4.1	16
16	Adaptive distributed SDN controllers: Application to Content-Centric Delivery Networks. Future Generation Computer Systems, 2020, 113, 78-93.	7.5	16
17	Design and performance analysis of an inductive QoS routing algorithm. Computer Communications, 2009, 32, 1371-1376.	5.1	15
18	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

#	ARTICLE	IF	CITATIONS
19	Privacy-preserving authentication scheme for on-road demand refilling of pseudonym in VANET. International Journal of Communication Systems, 2020, 33, e4087.	2.5	13
20	Secure Routing in Cluster-Based Wireless Sensor Networks. , 2017, , .		12
21	An Elite Hybrid Particle Swarm Optimization for Solving Minimal Exposure Path Problem in Mobile Wireless Sensor Networks. Sensors, 2020, 20, 2586.	3.8	12
22	Efficient and Stateless P2P Routing Mechanisms for the Internet of Things. IEEE Internet of Things Journal, 2021, 8, 11400-11414.	8.7	12
23	CSLPPS: Concerted Silence-Based Location Privacy Preserving Scheme for Internet of Vehicles. IEEE Transactions on Vehicular Technology, 2021, 70, 7153-7160.	6.3	11
24	QoSBeeManet: A new QoS multipath routing protocol for mobile ad-hoc networks. , 2010, , .		9
25	WSNs deployment framework based on the theory of belief functions. Computer Networks, 2015, 88, 12-26.	5.1	9
26	Performance evaluation of TCP and UDP based video streaming in vehicular ad-hoc networks. , 2018, , .		9
27	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
28	QoE: User profile analysis for multimedia services. , 2014, , .		7
29	Belief functions in telecommunications and network technologies: an overview. Annales Des Telecommunications/Annals of Telecommunications, 2014, 69, 135-145.	2.5	7
30	SDN-Based Application-Aware Segment Routing for Large-Scale Network. IEEE Systems Journal, 2022, 16, 4401-4410.	4.6	6
31	Regulating QoE for adaptive video streaming using BBF method. , 2015, , .		5
32	TCP based-user control for adaptive video streaming. Multimedia Tools and Applications, 2016, 75, 11347-11366.	3.9	4
33	An Evidential Approach for Network Interface Selection in Heterogeneous Wireless Networks. , 2016, , .		3
34	Q2ABR: QoE-aware adaptive video bit rate solution. International Journal of Communication Systems, 2020, 33, e4204.	2.5	3
35	BSM-Data Reuse Model Based on In-Vehicular Computing. Applied Sciences (Switzerland), 2020, 10, 5452.	2.5	3
36	A dynamic QoE routing system for user-centric applications. Transactions on Emerging Telecommunications Technologies, 2013, 24, 266-279.	3.9	2

#	ARTICLE	IF	CITATIONS
37	Smart Contract Based Solution for Secure Distributed SDN. , 2021, , .		2
38	Adaptive Video Streaming Using TCP Factors Control with User Parameters. Procedia Computer Science, 2014, 34, 526-531.	2.0	1
39	On-Board Data Management Layer: Connected Vehicle as Data Platform. Electronics (Switzerland), 2021, 10, 1810.	3.1	1
40	Ubiquitous networked robots. Annales Des Telecommunications/Annals of Telecommunications, 2012, 67, 295-296.	2.5	0
41	Belief functions and uncertainty management in networks and telecommunication. Annales Des Telecommunications/Annals of Telecommunications, 2014, 69, 131-133.	2.5	0
42	Smart communications for autonomous systems in network technologies. International Journal of Communication Systems, 2020, 33, e4445.	2.5	0
43	State-Dependent Multi-Constraint Topology Configuration for Software-Defined Service Overlay Networks. IEEE/ACM Transactions on Networking, 2022, 30, 1986-2001.	3.8	0