Nabil Benamar

List of Publications by Year
in descending order

49 papers	969 citations	687363 13 h-index	526287 27 g-index
51 all docs	51 docs citations	51 times ranked	911 citing authors

#	Article	IF	Citations
1	Deep Learning-Based Modeling of Pedestrian Perception and Decision-Making in Refuge Island for Autonomous Driving. EAI/Springer Innovations in Communication and Computing, 2022, , 135-146.	1.1	4
2	A Comprehensive Survey on the Application of Deep and Reinforcement Learning Approaches in Autonomous Driving. Journal of King Saud University - Computer and Information Sciences, 2022, 34, 7366-7390.	3.9	25
3	Symmetry-Aware SFC Framework for 5G Networks. IEEE Network, 2021, 35, 234-241.	6.9	6
4	Correction to: Towards new e-Infrastructure and e-Services for Developing Countries. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2021, , C1-C1.	0.3	0
5	A Survey on the Current Security Landscape of Intelligent Transportation Systems. IEEE Access, 2021, 9, 9180-9208.	4.2	64
6	A comprehensive survey on vehicular networks for smart roads: A focus on IP-based approaches. Vehicular Communications, 2021, 29, 100334.	4.0	25
7	IoT Nodes Behavior Analysis Under Constrained Environment Using RPL Protocol. , 2021, , .		2
8	RPL Enhancement Based FL-Trickle: A Novel Flexible Trickle Algorithm for Low Power and Lossy Networks. Wireless Personal Communications, 2020, 110, 1403-1428.	2.7	14
9	A comprehensive survey on enhancements and limitations of the RPL protocol: A focus on the objective function. Ad Hoc Networks, 2020, 96, 102001.	5.5	72
10	A protocol for pedestrian crossing and increased vehicular flow in smart cities. Journal of Intelligent Transportation Systems: Technology, Planning, and Operations, 2020, 24, 514-533.	4.2	15
11	Pedestrian Support in Intelligent Transportation Systems: Challenges, Solutions and Open issues. Transportation Research Part C: Emerging Technologies, 2020, 121, 102856.	7.6	41
12	Service Function Chaining in 5G & Beyond Networks: Challenges and Open Research Issues. IEEE Network, 2020, 34, 320-327.	6.9	32
13	An evolutionary bargaining€based approach for incentivized cooperation in opportunistic networks. International Journal of Communication Systems, 2020, 33, e4377.	2.5	6
14	RPL Assessment using the Rank Attack in Static and Mobile Environments. , 2020, , .		5
15	An Incentive Mechanism for Computing Resource Allocation in Vehicular Fog Computing Environment. , 2020, , .		9
16	Traffic Steering for Service Function Chaining. IEEE Communications Surveys and Tutorials, 2019, 21, 487-507.	39.4	74
17	Effects of Selfishness on the Energy Consumption in Opportunistic Networks: A Performance Assessment. , 2019, , .		7
18	Towards an Efficient Vehicular Clouds using Mobile Brokers. , 2019, , .		7

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19	DBDA: Distant Bicycle Detection and Avoidance Protocol based on V2V Communication for Autonomous Vehicle-Bicycle Road Share. , 2019, , .		7
20	A new Security Mechanism for Vehicular Cloud Computing Using Fog Computing System. , 2019, , .		17
21	A Framework for Enabling Internet Access Using Wi-Fi Peer-to-Peer Links. Wireless Personal Communications, 2019, 109, 521-538.	2.7	2
22	A Novel Approach for RPL Assessment Based on the Objective Function and Trickle Optimizations. Wireless Communications and Mobile Computing, 2019, 2019, 1-9.	1.2	31
23	Partially Symmetric Service Function Chains. , 2019, , .		2
24	Secure WiFi-Direct Using Key Exchange for IoT Device-to-Device Communications in a Smart Environment. Future Internet, 2019, 11, 251.	3.8	11
25	DASH: A Distributed Approach for Selfishness Handling in a DTN. , 2019, , .		3
26	OF-ECF: A New Optimization of the Objective Function for Parent Selection in RPL. , 2019, , .		15
27	RPL-based networks in static and mobile environment: A performance assessment analysis. Journal of King Saud University - Computer and Information Sciences, 2018, 30, 320-333.	3.9	37
28	OF-EC: A novel energy consumption aware objective function for RPL based on fuzzy logic.. Journal of Network and Computer Applications, 2018, 117, 42-58.	9.1	75
29	Autonomous Traffic Management: Open Issues and New Directions. , 2018, , .		12
30	A Novel SDN-based Architecture and Traffic Steering Method for Service Function Chaining. , 2018, , .		3
31	A Novel Compact Header for Traffic Steering in Service Function Chaining. , 2018, , .		5
32	A framework for hotspot support using Wi-Fi direct based device-to-device links. , 2017, , .		6
33	RPL enhancement using a new objective function based on combined metrics. , 2017, , .		31
34	A New Data Forwarding Scheme for DTNs Based on Coalition Game. Lecture Notes in Computer Science, 2017, , 117-126.	1.3	1
35	A Comprehensive Study of Intelligent Transportation System Architectures for Road Congestion Avoidance. Lecture Notes in Computer Science, 2017, , 95-106.	1.3	17
36	Assessing Experimental Private Cloud Using Web of System Performance Model. International Journal of Grid and High Performance Computing, 2017, 9, 21-35.	0.9	6

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37	Mobility Support for the Routing Protocol in Low Power and Lossy Networks. , 2016, , .		20
38	New Classification of Nodes Cooperation in Delay Tolerant Networks. Lecture Notes in Electrical Engineering, 2016, , 301-309.	0.4	3
39	The effect of cooperation of nodes on VDTN routing protocols. , 2015, , .		3
40	Performance assessment of the routing protocol for low power and lossy networks. , 2015, , .		29
41	Challenges of the Internet of Things: IPv6 and Network Management. , 2014, , .		32
42	Routing protocols in Vehicular Delay Tolerant Networks: A comprehensive survey. Computer Communications, 2014, 48, 141-158.	5.1	141
43	Routing protocols for DTN in vehicular environment. , 2012, , .		10
44	Reducing dogleg routing in mobile IPv6 by the enhancement of home agents deployment. , 2011, , .		0
45	Modulated photoacoustic spectroscopy study of an artificial tanning on human skin induced by dihydroxyacetone. Physiological Measurement, 2004, 25, 1199-1210.	2.1	6
46	Study of the diffusion of an emulsion in the human skin by pulsed photoacoustic spectroscopy: experiment and numerical simulation. EPJ Applied Physics, 2004, 28, 375-381.	0.7	0
47	A new basic analysis of pulsed photoacoustic signal using the finite differences method. EPJ Applied Physics, 2004, 28, 255-262.	0.7	1
48	Study of the diffusion of some emulsions in the human skin by pulsed photoacoustic spectroscopy. Physics in Medicine and Biology, 2003, 48, 2729-2738.	3.0	10
49	Analysis of pulsed photoacoustic signal: theoretical study of the diffusion of chromophores in the human skin. EPJ Applied Physics, 2002, 19, 63-68.	0.7	5