

Mustafa El-Nainay

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

408
citations

1478505

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h-index

1199594

12
g-index

41
all docs

41
docs citations

41
times ranked

474
citing authors

#	ARTICLE	IF	CITATIONS
1	CNN based Indoor Localization using RSS Time-Series. , 2018, , .		107
2	On Stochastic Controller Placement in Software-Defined Wireless Networks. , 2017, , .		37
3	Software bug prediction using weighted majority voting techniques. AEJ - Alexandria Engineering Journal, 2018, 57, 2763-2774.	6.4	30
4	Metric-based taxonomy of routing protocols for cognitive radio ad hoc networks. Journal of Network and Computer Applications, 2014, 40, 151-163.	9.1	29
5	Cooperation-based multi-hop routing protocol for cognitive radio networks. Journal of Network and Computer Applications, 2018, 110, 27-42.	9.1	24
6	Deep Convolutional Neural Network with Multi-Task Learning Scheme for Modulations Recognition. , 2019, , .		18
7	Dead zone penetration protocol for cognitive radio networks. , 2013, , .		14
8	A carpooling recommendation system based on social VANET and geo-social data. , 2013, , .		13
9	The wireless control plane: An overview and directions for future research. Journal of Network and Computer Applications, 2019, 126, 104-122.	9.1	13
10	A multi-metric routing protocol with service differentiation for cognitive radio ad-hoc networks. , 2013, , .		12
11	Eco-Routing Using V2I Communication: System Evaluation. , 2015, , .		11
12	SODIM: Service Oriented Data Integration based on MapReduce. AEJ - Alexandria Engineering Journal, 2013, 52, 313-318.	6.4	9
13	A cooperative spectrum sensing scheme based on task assignment algorithm for cognitive radio networks. , 2014, , .		8
14	Spectrum occupancy analysis of cooperative relaying technique for cognitive radio networks. , 2015, , .		7
15	TACUE. , 2014, , .		6
16	Spectrum-Efficient Resource Allocation Framework for Cooperative Opportunistic Wireless Networks. IEEE Transactions on Cognitive Communications and Networking, 2016, 2, 249-262.	7.9	6
17	Artificial Intelligence-Based Model for Predicting the Effect of Governmentsâ€™ Measures on Community Mobility. AEJ - Alexandria Engineering Journal, 2021, 60, 3679-3692.	6.4	6
18	An Integrated Architecture for Simulation and Modeling of Small- and Medium-Sized Transportation and Communication Networks. Communications in Computer and Information Science, 2015, , 282-303.	0.5	5

#	ARTICLE	IF	CITATIONS
19	Potential-fault cache-based regression test selection. , 2016, , .		5
20	Channel Selection scheme for Cooperative Routing protocols in Cognitive Radio Networks. , 2017, , .		5
21	Analytical and simulation study of the effect of secondary user cooperation on cognitive radio networks. , 2015, , .		4
22	A Cooperative Scheme for the Coexistence of the LTE and WiFi Systems. , 2017, , .		4
23	Wipi: A Low-Cost Large-Scale Remotely-Accessible Network Testbed. IEEE Access, 2019, 7, 167795-167814.	4.2	4
24	AR-Sanad 280K: A Novel 280K Artificial Sanads Dataset for Hadith Narrator Disambiguation. Information (Switzerland), 2022, 13, 55.	2.9	4
25	Maximizing USRP N210 SDR transfer rate by offloading modulation to the on-board FPGA. , 2016, , .		3
26	Fuzzy-based assignment algorithm for channel sensing task in cognitive radio networks. , 2016, , .		3
27	An analytical study of the Primary User activity pattern effect on the performance of cooperative opportunistic networks. , 2017, , .		3
28	Cooperation in multi-user wireless powered communication networks. , 2017, , .		3
29	Selecting critical implications with set-covering formulation for SAT-based Bounded Model Checking. , 2013, , .		2
30	Set-cover-based critical implications selection to improvesat-based bounded model checking. , 2013, , .		2
31	Novel SAT-based invariant-directed low-power synthesis. , 2015, , .		2
32	Proactive and reactive carpooling recommendation system based on spatiotemporal and geosocial data. , 2016, , .		2
33	Genetic Algorithm-based Crowdsensing for Cognitive Radio Networks. , 2018, , .		2
34	On Optimal Resource Allocation in Multi-RAT Wireless Networks With Receiver Characteristic Awareness. IEEE Transactions on Cognitive Communications and Networking, 2019, 5, 103-118.	7.9	2
35	Genetic algorithm-based mapper to support multiple concurrent users on wireless testbeds. , 2016, , .		1
36	A Genetic Algorithm-Based Approach for Content Delivery in Femtocaching-Assisted Networks. , 2017, , .		1

#	ARTICLE	IF	CITATIONS
37	Demand-Based Spectrum Trading for Opportunistic Secondary Networks With Probabilistic Channel Access Mechanism. IEEE Systems Journal, 2019, 13, 3803-3814.	4.6	1
38	PNCR: A physical network coding framework for routing in wireless ad-hoc networks. , 2014, , .		0
39	Enhancing the solvability of network optimization problems through model augmentations. , 2017, , .		0
40	Genetic Algorithm Based Solution for Large-Scale Topology Mapping. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2020, , 62-77.	0.3	0
41	A Secure Blockchain Framework for Storing Historical Text: A Case Study of the Holy Hadith. Computers, 2022, 11, 42.	3.3	0