

Mustafa El-Nainay

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

408
citations

1478505

6
h-index

1199594

12
g-index

41
all docs

41
docs citations

41
times ranked

474
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | AR-Sanad 280K: A Novel 280K Artificial Sanads Dataset for Hadith Narrator Disambiguation. Information (Switzerland), 2022, 13, 55. | 2.9 | 4 |
| 2 | A Secure Blockchain Framework for Storing Historical Text: A Case Study of the Holy Hadith. Computers, 2022, 11, 42. | 3.3 | 0 |
| 3 | 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 |
| 4 | 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 |
| 5 | Deep Convolutional Neural Network with Multi-Task Learning Scheme for Modulations Recognition. , 2019, , . | | 18 |
| 6 | Demand-Based Spectrum Trading for Opportunistic Secondary Networks With Probabilistic Channel Access Mechanism. IEEE Systems Journal, 2019, 13, 3803-3814. | 4.6 | 1 |
| 7 | Wipi: A Low-Cost Large-Scale Remotely-Accessible Network Testbed. IEEE Access, 2019, 7, 167795-167814. | 4.2 | 4 |
| 8 | The wireless control plane: An overview and directions for future research. Journal of Network and Computer Applications, 2019, 126, 104-122. | 9.1 | 13 |
| 9 | 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 |
| 10 | Cooperation-based multi-hop routing protocol for cognitive radio networks. Journal of Network and Computer Applications, 2018, 110, 27-42. | 9.1 | 24 |
| 11 | Genetic Algorithm-based Crowdsensing for Cognitive Radio Networks. , 2018, , . | | 2 |
| 12 | Software bug prediction using weighted majority voting techniques. AEJ - Alexandria Engineering Journal, 2018, 57, 2763-2774. | 6.4 | 30 |
| 13 | CNN based Indoor Localization using RSS Time-Series. , 2018, , . | | 107 |
| 14 | A Genetic Algorithm-Based Approach for Content Delivery in Femtocaching-Assisted Networks. , 2017, , . | | 1 |
| 15 | A Cooperative Scheme for the Coexistence of the LTE and WiFi Systems. , 2017, , . | | 4 |
| 16 | On Stochastic Controller Placement in Software-Defined Wireless Networks. , 2017, , . | | 37 |
| 17 | Enhancing the solvability of network optimization problems through model augmentations. , 2017, , . | | 0 |
| 18 | Channel Selection scheme for Cooperative Routing protocols in Cognitive Radio Networks. , 2017, , . | | 5 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | An analytical study of the Primary User activity pattern effect on the performance of cooperative opportunistic networks. , 2017, , . | | 3 |
| 20 | Cooperation in multi-user wireless powered communication networks. , 2017, , . | | 3 |
| 21 | Genetic algorithm-based mapper to support multiple concurrent users on wireless testbeds. , 2016, , . | | 1 |
| 22 | Proactive and reactive carpooling recommendation system based on spatiotemporal and geosocial data. , 2016, , . | | 2 |
| 23 | Maximizing USRP N210 SDR transfer rate by offloading modulation to the on-board FPGA. , 2016, , . | | 3 |
| 24 | Fuzzy-based assignment algorithm for channel sensing task in cognitive radio networks. , 2016, , . | | 3 |
| 25 | Spectrum-Efficient Resource Allocation Framework for Cooperative Opportunistic Wireless Networks. IEEE Transactions on Cognitive Communications and Networking, 2016, 2, 249-262. | 7.9 | 6 |
| 26 | Potential-fault cache-based regression test selection. , 2016, , . | | 5 |
| 27 | Eco-Routing Using V2I Communication: System Evaluation. , 2015, , . | | 11 |
| 28 | 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 |
| 29 | Novel SAT-based invariant-directed low-power synthesis. , 2015, , . | | 2 |
| 30 | Spectrum occupancy analysis of cooperative relaying technique for cognitive radio networks. , 2015, , . | | 7 |
| 31 | Analytical and simulation study of the effect of secondary user cooperation on cognitive radio networks. , 2015, , . | | 4 |
| 32 | PNCR: A physical network coding framework for routing in wireless ad-hoc networks. , 2014, , . | | 0 |
| 33 | TACUE. , 2014, , . | | 6 |
| 34 | 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 |
| 35 | A cooperative spectrum sensing scheme based on task assignment algorithm for cognitive radio networks. , 2014, , . | | 8 |
| 36 | SODIM: Service Oriented Data Integration based on MapReduce. AEJ - Alexandria Engineering Journal, 2013, 52, 313-318. | 6.4 | 9 |

| # | ARTICLE | IF | CITATIONS |
|----|---|----|-----------|
| 37 | Selecting critical implications with set-covering formulation for SAT-based Bounded Model Checking. , 2013, , . | | 2 |
| 38 | Dead zone penetration protocol for cognitive radio networks. , 2013, , . | | 14 |
| 39 | Set-cover-based critical implications selection to improvesat-based bounded model checking. , 2013, , . | | 2 |
| 40 | A carpooling recommendation system based on social VANET and geo-social data. , 2013, , . | | 13 |
| 41 | A multi-metric routing protocol with service differentiation for cognitive radio ad-hoc networks. , 2013, , . | | 12 |