

Hafiz Husnain Raza Sherazi

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

599
citations

567281

15
h-index

713466

21
g-index

29
all docs

29
docs citations

29
times ranked

590
citing authors

#	ARTICLE	IF	CITATIONS
1	A comprehensive review on energy harvesting MAC protocols in WSNs: Challenges and tradeoffs. Ad Hoc Networks, 2018, 71, 117-134.	5.5	95
2	Machine Learning Based Diabetes Classification and Prediction for Healthcare Applications. Journal of Healthcare Engineering, 2021, 2021, 1-17.	1.9	67
3	Energy-Efficient LoRaWAN for Industry 4.0 Applications. IEEE Transactions on Industrial Informatics, 2021, 17, 891-902.	11.3	62
4	A Heterogeneous IoV Architecture for Data Forwarding in Vehicle to Infrastructure Communication. Mobile Information Systems, 2019, 2019, 1-12.	0.6	40
5	Spatio-Temporal Crime HotSpot Detection and Prediction: A Systematic Literature Review. IEEE Access, 2020, 8, 166553-166574.	4.2	39
6	Energy Harvesting in LoRaWAN: A Cost Analysis for the Industry 4.0. IEEE Communications Letters, 2018, 22, 2358-2361.	4.1	33
7	DDoS attack detection: A key enabler for sustainable communication in internet of vehicles. Sustainable Computing: Informatics and Systems, 2019, 23, 13-20.	2.2	29
8	When Renewable Energy Meets LoRa: A Feasibility Analysis on Cable-Less Deployments. IEEE Internet of Things Journal, 2018, 5, 5097-5108.	8.7	28
9	Features of Mobile Apps for People with Autism in a Post COVID-19 Scenario: Current Status and Recommendations for Apps Using AI. Diagnostics, 2021, 11, 1923.	2.6	27
10	Dynamic Group Formation With Intelligent Tutor Collaborative Learning: A Novel Approach for Next Generation Collaboration. IEEE Access, 2021, 9, 143406-143422.	4.2	25
11	A Comprehensive Survey on RF Energy Harvesting: Applications and Performance Determinants. Sensors, 2022, 22, 2990.	3.8	25
12	Designing a Wind Energy Harvester for Connected Vehicles in Green Cities. Energies, 2021, 14, 5408.	3.1	24
13	Spatio-Temporal Crime Predictions by Leveraging Artificial Intelligence for Citizens Security in Smart Cities. IEEE Access, 2021, 9, 47516-47529.	4.2	19
14	Deep Learning-Based Growth Prediction System: A Use Case of China Agriculture. Agronomy, 2021, 11, 1551.	3.0	18
15	A Congestion Aware Route Suggestion Protocol for Traffic Management in Internet of Vehicles. Arabian Journal for Science and Engineering, 2020, 45, 2501-2511.	3.0	17
16	Multi-radio over Fiber Architecture for Road Vehicle Communication in VANETs. Procedia Computer Science, 2014, 32, 1022-1029.	2.0	9
17	ZigBee's Received Signal Strength and Latency Evaluation under Varying Environments. Journal of Computer Networks and Communications, 2016, 2016, 1-8.	1.6	9
18	Energy-aware cluster-based routing optimization for WSNs in the livestock industry. Transactions on Emerging Telecommunications Technologies, 2022, 33, e3816.	3.9	9

#	ARTICLE	IF	CITATIONS
19	A context-aware encryption protocol suite for edge computing-based IoT devices. Journal of Supercomputing, 2020, 76, 2548-2567.	3.6	9
20	Evaluating Near-Field Communication tag security for identity theft prevention. Internet Technology Letters, 2019, 2, e123.	1.9	4
21	AREA: Adaptive Resilience Algorithm for clustering in Vehicular Ad-hoc Networks. , 2019, , .		3
22	Low cost and power efficient automated traffic control system using IEEE 802.15.4. , 2015, , .		2
23	Energy efficient femtocell based architecture for low coverage areas in WiMAX. , 2015, , .		1
24	A Hybrid Network Model Embracing NB-IoT and D2D Communications: Stochastic Geometry Analysis. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2020, , 154-165.	0.3	1
25	Communication system architecture of an industrialâ€scale microgrid: A case study. Internet Technology Letters, 2019, 2, e126.	1.9	0
26	Proficient Car Parking System Based on Cluster Head Routing Protocol Utilizing IEEE 802.15.4. International Journal of Online Engineering, 2016, 12, 58.	0.5	0