

Ahmed Zoha

List of Publications by Year in descending order

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43
papers

2,053
citations

643344

15
h-index

651938

25
g-index

48
all docs

48
docs citations

48
times ranked

2465
citing authors

#	ARTICLE	IF	CITATIONS
1	Data portability for activities of daily living and fall detection in different environments using radar micro-doppler. <i>Neural Computing and Applications</i> , 2022, 34, 7933-7953.	3.2	12
2	Indoor Activity Position and Direction Detection Using Software Defined Radios. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2022, , 15-27.	0.2	0
3	Federated learning empowered mobility-aware proactive content offloading framework for fog radio access networks. <i>Future Generation Computer Systems</i> , 2022, 133, 307-319.	4.9	4
4	Self-Directed Learning using Eye-Tracking: A Comparison between Wearable Head-worn and Webcam-based Technologies. , 2022, , .		4
5	Teaching Solar Energy Systems Design using Game-Based Virtual Reality. , 2022, , .		3
6	EXECUTE: Exploring Eye Tracking to Support E-learning. , 2022, , .		6
7	Energy Management in an Agile Workspace using AI-driven Forecasting and Anomaly Detection. , 2022, , .		2
8	Wireless on Walls: Revolutionizing the future of health care. <i>IEEE Antennas and Propagation Magazine</i> , 2021, 63, 87-93.	1.2	12
9	A Review on the State of the Art in Atrial Fibrillation Detection Enabled by Machine Learning. <i>IEEE Reviews in Biomedical Engineering</i> , 2021, 14, 219-239.	13.1	55
10	F-Classify: Fuzzy Rule Based Classification Method for Privacy Preservation of Multiple Sensitive Attributes. <i>Sensors</i> , 2021, 21, 4933.	2.1	7
11	5G-enabled contactless multi-user presence and activity detection for independent assisted living. <i>Scientific Reports</i> , 2021, 11, 17590.	1.6	22
12	Identifying the Lack of Energy-Conscious Behaviour in Clinical and Non-Clinical Settings: An NHS Case Study. <i>Electronics (Switzerland)</i> , 2021, 10, 2468.	1.8	4
13	A Hybrid Data Manipulation Approach for Energy and Latency-Efficient Vision-Aided UDNs. , 2021, , .		1
14	Machine Learning Driven Approach Towards the Quality Assessment of Fresh Fruits Using Non-Invasive Sensing. <i>IEEE Sensors Journal</i> , 2020, 20, 2075-2083.	2.4	57
15	Non-Invasive Hydration Level Estimation in Human Body Using Galvanic Skin Response. <i>IEEE Sensors Journal</i> , 2020, 20, 4891-4900.	2.4	24
16	An Outlook on the Interplay of Artificial Intelligence and Software-Defined Metasurfaces: An Overview of Opportunities and Limitations. <i>IEEE Vehicular Technology Magazine</i> , 2020, 15, 62-73.	2.8	15
17	Latest Research Trends in Gait Analysis Using Wearable Sensors and Machine Learning: A Systematic Review. <i>IEEE Access</i> , 2020, 8, 167830-167864.	2.6	56
18	Grand Challenges in IoT and Sensor Networks. <i>Frontiers in Communications and Networks</i> , 2020, 1, .	1.9	24

#	ARTICLE	IF	CITATIONS
19	Mobility Prediction-Based Optimisation and Encryption of Passenger Traffic-Flows Using Machine Learning. <i>Sensors</i> , 2020, 20, 2629.	2.1	14
20	Intelligent handover decision scheme using double deep reinforcement learning. <i>Physical Communication</i> , 2020, 42, 101133.	1.2	28
21	Skin Conductance as Proxy for the Identification of Hydration Level in Human Body. , 2019, , .		1
22	Monitoring Health Status and Quality Assessment of Leaves Using Terahertz Frequency. , 2019, , .		3
23	Reinforcement Learning driven Energy Efficient Mobile Communication and Applications. , 2019, , .		7
24	Machine learning driven non-invasive approach of water content estimation in living plant leaves using terahertz waves. <i>Plant Methods</i> , 2019, 15, 138.	1.9	30
25	Machine learning methods for detecting urinary tract infection and analysing daily living activities in people with dementia. <i>PLoS ONE</i> , 2019, 14, e0209909.	1.1	51
26	Leveraging Intelligence from Network CDR Data for Interference Aware Energy Consumption Minimization. <i>IEEE Transactions on Mobile Computing</i> , 2018, 17, 1569-1582.	3.9	15
27	Can Temperature Be Used as a Predictor of Data Traffic? A Real Network Big Data Analysis. , 2018, , .		2
28	Health management and pattern analysis of daily living activities of people with dementia using in-home sensors and machine learning techniques. <i>PLoS ONE</i> , 2018, 13, e0195605.	1.1	82
29	A Review on the Role of Nano-Communication in Future Healthcare Systems: A Big Data Analytics Perspective. <i>IEEE Access</i> , 2018, 6, 41903-41920.	2.6	70
30	A learning-based approach for autonomous outage detection and coverage optimization. <i>Transactions on Emerging Telecommunications Technologies</i> , 2016, 27, 439-450.	2.6	24
31	A Cell Outage Management Framework for Dense Heterogeneous Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2016, 65, 2097-2113.	3.9	91
32	Acoustic and Device Feature Fusion for Load Recognition. <i>Studies in Computational Intelligence</i> , 2016, , 287-300.	0.7	0
33	Outage Detection Framework for Energy Efficient Communication Network. <i>Studies in Systems, Decision and Control</i> , 2016, , 3-29.	0.8	0
34	Energy efficient resource allocation for 5G Heterogeneous Networks. , 2015, , .		11
35	Predicting complex events for pro-active IoT applications. , 2015, , .		21
36	Data-driven analytics for automated cell outage detection in Self-Organizing Networks. , 2015, , .		25

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37	A SON solution for sleeping cell detection using low-dimensional embedding of MDT measurements. , 2014, , .		22
38	Challenges in 5G: how to empower SON with big data for enabling 5G. IEEE Network, 2014, 28, 27-33.	4.9	364
39	Low-power appliance monitoring using Factorial Hidden Markov Models. , 2013, , .		60
40	A Comparison of Generative and Discriminative Appliance Recognition Models for Load Monitoring. IOP Conference Series: Materials Science and Engineering, 2013, 51, 012002.	0.3	1
41	Acoustic and device feature fusion for load recognition. , 2012, , .		10
42	Non-Intrusive Load Monitoring Approaches for Disaggregated Energy Sensing: A Survey. Sensors, 2012, 12, 16838-16866.	2.1	801
43	Design and Implementation of Smart Billing and Automated Meter Reading System for Utility Gas. , 2007, , .		9