Shuja Ansari

List of Publications by Year
in descending order

29 papers	302 citations	1039406 9 h-index	940134 16 g-index
30 all docs	30 docs citations	30 times ranked	312 citing authors

#	Article	IF	Citations
1	A Review of the State of the Art in Non-Contact Sensing for COVID-19. Sensors, 2020, 20, 5665.	2.1	64
2	DEKCS: A Dynamic Clustering Protocol to Prolong Underwater Sensor Networks. IEEE Sensors Journal, 2021, 21, 9457-9464.	2.4	51
3	6G Opportunities Arising from Internet of Things Use Cases: A Review Paper. Future Internet, 2021, 13, 159.	2.4	33
4	Chaos‐based privacy preserving vehicle safety protocol for 5G Connected Autonomous Vehicle networks. Transactions on Emerging Telecommunications Technologies, 2020, 31, e3966.	2.6	23
5	Suitability of NB-IoT for Indoor Industrial Environment: A Survey and Insights. Sensors, 2021, 21, 5284.	2.1	21
6	MHAV: Multitier Heterogeneous Adaptive Vehicular Network with LTE and DSRC. ICT Express, 2017, 3, 199-203.	3.3	13
7	Hardware-Based Hopfield Neuromorphic Computing for Fall Detection. Sensors, 2020, 20, 7226.	2.1	12
8	Mobility Management-Based Autonomous Energy-Aware Framework Using Machine Learning Approach in Dense Mobile Networks. Signals, 2020, 1, 170-187.	1.2	10
9	Machine Learning Enabled Food Contamination Detection Using RFID and Internet of Things System. Journal of Sensor and Actuator Networks, 2021, 10, 63.	2.3	10
10	Hybrid Beamforming with Fixed Phase Shifters for Uplink Cell-Free Millimetre-Wave Massive MIMO Systems. , 2021, , .		7
11	On the effective capacity of IRS-assisted wireless communication. Physical Communication, 2021, 47, 101339.	1.2	7
12	Terahertz-Based Joint Communication and Sensing for Precision Agriculture: A 6G Use-Case. Frontiers in Communications and Networks, 2022, 3, .	1.9	7
13	Vehicular Safety Application Identifier algorithm for LTE VANET server. , 2016, , .		6
14	On the Design and Deployment of Multitier Heterogeneous and Adaptive Vehicular Networks. , 2018, , .		5
15	Impact of Inter-Gateway Distance on LoRaWAN Performance. Electronics (Switzerland), 2021, 10, 2197.	1.8	5
16	Vehicular multitier gateway selection algorithm for heterogeneous VANET architectures. , 2017, , .		4
17	SAI: Safety Application Identifier Algorithm at MAC Layer for Vehicular Safety Message Dissemination Over LTE VANET Networks. Wireless Communications and Mobile Computing, 2018, 2018, 1-17.	0.8	4
18	Intelligent Instruction-Based IoT Framework for Smart Home Applications using Speech Recognition. , 2020, , .		3

#	Article	IF	Citations
19	Indoor Mobility Prediction for mmWave Communications using Markov Chain. , 2021, , .		3
20	Public Perception of the Fifth Generation of Cellular Networks (5G) on Social Media. Frontiers in Big Data, 2021, 4, 640868.	1.8	3
21	Intelligent Target Coverage in Wireless Sensor Networks with Adaptive Sensors. , 2020, , .		3
22	IMPRESS: Indoor Mobility Prediction Framework for Pre-Emptive Indoor-Outdoor Handover for mmWave Networks. IEEE Open Journal of the Communications Society, 2021, 2, 2714-2724.	4.4	2
23	IoT enabled Smart Lighting System using STM32 microcontroller with high performance ARM$^{®}$ Cortex$^{®}$-M3 core. , 2020, , .		1
24	IoT Enabled Smart Security Framework for 3D Printed Smart Home. , 2020, , .		1
25	Age of Control Process for Real-Time Wireless Control. , 2021, , .		1
26	Antenna Selection Based on Matching Theory for Uplink Cell-Free Millimetre Wave Massive Multiple Input Multiple Output Systems. Telecom, 2022, 3, 448-466.	1.6	1
27	Conceptualizing a Decision Making Process Model Around Aspects Influencing Consumers Considering Purchase of Electric Vehicles. , 2018, , .		0
28	Comparative Analysis of Discrete Time Simulations and Stochastic Geometry Models of a Single Gateway LoRaWAN Network. , 2021, , .		0
29	IMU Sensingâ€"Based Hopfield Neuromorphic Computing for Human Activity Recognition. Frontiers in Communications and Networks, 2022, 2, .	1.9	0