

# Muhammad Shoaib

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

39 papers	493 citations	12 h-index	21 g-index
43 ext. papers	744 ext. citations	4 avg, IF	4.4 L-index

#	Paper	IF	Citations
39	An intelligent and efficient network intrusion detection system using deep learning. <i>Computers and Electrical Engineering</i> , <b>2022</b> , 99, 107764	4.3	1
38	Link and stability-aware adaptive cooperative routing with restricted packets transmission and void-avoidance for underwater acoustic wireless sensor networks. <i>Computer Communications</i> , <b>2021</b> , 181, 428-428	5.1	1
37	Resource Optimization-Based Software Risk Reduction Model for Large-Scale Application Development. <i>Sustainability</i> , <b>2021</b> , 13, 2602	3.6	1
36	Deep Learning-Based Approach for Detecting Trajectory Modifications of Cassini-Huygens Spacecraft. <i>IEEE Access</i> , <b>2021</b> , 9, 39111-39125	3.5	
35	A Novel Collaborative IoD-Assisted VANET Approach for Coverage Area Maximization. <i>IEEE Access</i> , <b>2021</b> , 9, 61211-61223	3.5	3
34	Cloudlet Computing: Recent Advances, Taxonomy, and Challenges. <i>IEEE Access</i> , <b>2021</b> , 9, 29609-29622	3.5	8
33	Entropy Optimized Second Grade Fluid with MHD and Marangoni Convection Impacts: An Intelligent Neuro-Computing Paradigm. <i>Coatings</i> , <b>2021</b> , 11, 1492	2.9	9
32	Data-driven prognosis method using hybrid deep recurrent neural network. <i>Applied Soft Computing Journal</i> , <b>2020</b> , 93, 106351	7.5	34
31	UAV-enabled data acquisition scheme with directional wireless energy transfer for Internet of Things. <i>Computer Communications</i> , <b>2020</b> , 155, 184-196	5.1	20
30	A Deep Learning Model Based on Concatenation Approach for the Diagnosis of Brain Tumor. <i>IEEE Access</i> , <b>2020</b> , 8, 55135-55144	3.5	61
29	Have You Been a Victim of COVID-19-Related Cyber Incidents? Survey, Taxonomy, and Mitigation Strategies. <i>IEEE Access</i> , <b>2020</b> , 8, 124134-124144	3.5	37
28	Novel One Time Signatures (NOTS): A Compact Post-Quantum Digital Signature Scheme. <i>IEEE Access</i> , <b>2020</b> , 8, 15895-15906	3.5	8
27	Requirements engineering issues causing software development outsourcing failure. <i>PLoS ONE</i> , <b>2020</b> , 15, e0229785	3.7	6
26	Towards a Low Complexity Scheme for Medical Images in Scalable Video Coding. <i>IEEE Access</i> , <b>2020</b> , 8, 41439-41451	3.5	2
25	A Reconfigurable Method for Intelligent Manufacturing Based on Industrial Cloud and Edge Intelligence. <i>IEEE Internet of Things Journal</i> , <b>2020</b> , 7, 4248-4259	10.7	26
24	CNN and GRU based Deep Neural Network for Electricity Theft Detection to Secure Smart Grid <b>2020</b> ,		17
23	Electricity Theft Detection using Pipeline in Machine Learning <b>2020</b> ,		2

22	A Cooperative Heterogeneous Vehicular Clustering Mechanism for Road Traffic Management. <i>International Journal of Parallel Programming</i> , <b>2020</b> , 48, 870-889	1.5	9
21	Countering Statistical Attacks in Cloud-Based Searchable Encryption. <i>International Journal of Parallel Programming</i> , <b>2020</b> , 48, 470-495	1.5	3
20	Requirements engineering issues causing software development outsourcing failure <b>2020</b> , 15, e0229785		
19	Requirements engineering issues causing software development outsourcing failure <b>2020</b> , 15, e0229785		
18	Requirements engineering issues causing software development outsourcing failure <b>2020</b> , 15, e0229785		
17	Requirements engineering issues causing software development outsourcing failure <b>2020</b> , 15, e0229785		
16	Protection of records and data authentication based on secret shares and watermarking. <i>Future Generation Computer Systems</i> , <b>2019</b> , 98, 331-341	7.5	9
15	Congestion avoidance through fog computing in internet of vehicles. <i>Journal of Ambient Intelligence and Humanized Computing</i> , <b>2019</b> , 10, 3863-3877	3.7	24
14	Impact of Node Deployment and Routing for Protection of Critical Infrastructures. <i>IEEE Access</i> , <b>2019</b> , 7, 11502-11514	3.5	3
13	A novel countermeasure technique for reactive jamming attack in internet of things. <i>Multimedia Tools and Applications</i> , <b>2019</b> , 78, 29899-29920	2.5	13
12	A zero-watermarking algorithm for privacy protection in biomedical signals. <i>Future Generation Computer Systems</i> , <b>2018</b> , 82, 290-303	7.5	17
11	A hybrid precoding- and filtering-based uplink MC-LNOMA scheme for 5G cellular networks with reduced PAPR. <i>Transactions on Emerging Telecommunications Technologies</i> , <b>2018</b> , 29, e3501	1.9	3
10	Chaos-based robust method of zero-watermarking for medical signals. <i>Future Generation Computer Systems</i> , <b>2018</b> , 88, 400-412	7.5	12
9	Deep Deterministic Learning for Pattern Recognition of Different Cardiac Diseases through the Internet of Medical Things. <i>Journal of Medical Systems</i> , <b>2018</b> , 42, 252	5.1	10
8	Bringing Computation Closer toward the User Network: Is Edge Computing the Solution? <b>2017</b> , 55, 138-144		100
7	Efficient Data Gathering in 3D Linear Underwater Wireless Sensor Networks Using Sink Mobility. <i>Sensors</i> , <b>2016</b> , 16,	3.8	38
6	Automatic Modulation Classification for Low SNR Digital Signal in Frequency-Selective Fading Environments. <i>Wireless Personal Communications</i> , <b>2015</b> , 84, 1891-1906	1.9	7
5	Multimedia framework to support eHealth applications. <i>Multimedia Tools and Applications</i> , <b>2014</b> , 73, 2081-2101	2.5	3

4	Performance analysis of Automatic Modulation Classification in multipath fading environment <b>2014</b>	2
3	Improved MB Mode Prediction in Extended Spatial Scalability with Error Resilient Coding <b>2010</b> ,	1
2	Streaming Video in Cellular Networks Using Scalable Video Coding Extension of H.264-AVC <b>2008</b> ,	1
1	An IoT-based smart healthcare system to detect dysphonia. <i>Neural Computing and Applications</i> ,1	4.8 1