

Muhammad Shoaib

List of Publications by Year in descending order

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42
papers

998
citations

623734

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h-index

501196

28
g-index

43
all docs

43
docs citations

43
times ranked

1148
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | A Deep Learning Model Based on Concatenation Approach for the Diagnosis of Brain Tumor. IEEE Access, 2020, 8, 55135-55144. | 4.2 | 219 |
| 2 | Bringing Computation Closer toward the User Network: Is Edge Computing the Solution?. , 2017, 55, 138-144. | | 152 |
| 3 | Have You Been a Victim of COVID-19-Related Cyber Incidents? Survey, Taxonomy, and Mitigation Strategies. IEEE Access, 2020, 8, 124134-124144. | 4.2 | 67 |
| 4 | Data-driven prognosis method using hybrid deep recurrent neural network. Applied Soft Computing Journal, 2020, 93, 106351. | 7.2 | 66 |
| 5 | Efficient Data Gathering in 3D Linear Underwater Wireless Sensor Networks Using Sink Mobility. Sensors, 2016, 16, 404. | 3.8 | 54 |
| 6 | A Reconfigurable Method for Intelligent Manufacturing Based on Industrial Cloud and Edge Intelligence. IEEE Internet of Things Journal, 2020, 7, 4248-4259. | 8.7 | 48 |
| 7 | Congestion avoidance through fog computing in internet of vehicles. Journal of Ambient Intelligence and Humanized Computing, 2019, 10, 3863-3877. | 4.9 | 36 |
| 8 | Cloudlet Computing: Recent Advances, Taxonomy, and Challenges. IEEE Access, 2021, 9, 29609-29622. | 4.2 | 35 |
| 9 | UAV-enabled data acquisition scheme with directional wireless energy transfer for Internet of Things. Computer Communications, 2020, 155, 184-196. | 5.1 | 29 |
| 10 | A zero-watermarking algorithm for privacy protection in biomedical signals. Future Generation Computer Systems, 2018, 82, 290-303. | 7.5 | 27 |
| 11 | A novel countermeasure technique for reactive jamming attack in internet of things. Multimedia Tools and Applications, 2019, 78, 29899-29920. | 3.9 | 27 |
| 12 | CNN and GRU based Deep Neural Network for Electricity Theft Detection to Secure Smart Grid. , 2020, , . | | 27 |
| 13 | Chaos-based robust method of zero-watermarking for medical signals. Future Generation Computer Systems, 2018, 88, 400-412. | 7.5 | 20 |
| 14 | Requirements engineering issues causing software development outsourcing failure. PLoS ONE, 2020, 15, e0229785. | 2.5 | 19 |
| 15 | An intelligent and efficient network intrusion detection system using deep learning. Computers and Electrical Engineering, 2022, 99, 107764. | 4.8 | 18 |
| 16 | A Novel Collaborative IoD-Assisted VANET Approach for Coverage Area Maximization. IEEE Access, 2021, 9, 61211-61223. | 4.2 | 17 |
| 17 | Entropy Optimized Second Grade Fluid with MHD and Marangoni Convection Impacts: An Intelligent Neuro-Computing Paradigm. Coatings, 2021, 11, 1492. | 2.6 | 17 |
| 18 | Protection of records and data authentication based on secret shares and watermarking. Future Generation Computer Systems, 2019, 98, 331-341. | 7.5 | 16 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Deep Deterministic Learning for Pattern Recognition of Different Cardiac Diseases through the Internet of Medical Things. <i>Journal of Medical Systems</i> , 2018, 42, 252. | 3.6 | 15 |
| 20 | A Cooperative Heterogeneous Vehicular Clustering Mechanism for Road Traffic Management. <i>International Journal of Parallel Programming</i> , 2020, 48, 870-889. | 1.5 | 14 |
| 21 | Novel One Time Signatures (NOTS): A Compact Post-Quantum Digital Signature Scheme. <i>IEEE Access</i> , 2020, 8, 15895-15906. | 4.2 | 11 |
| 22 | Automatic Modulation Classification for Low SNR Digital Signal in Frequency-Selective Fading Environments. <i>Wireless Personal Communications</i> , 2015, 84, 1891-1906. | 2.7 | 9 |
| 23 | Electricity Theft Detection using Pipeline in Machine Learning. , 2020, , . | | 9 |
| 24 | Impact of Node Deployment and Routing for Protection of Critical Infrastructures. <i>IEEE Access</i> , 2019, 7, 11502-11514. | 4.2 | 7 |
| 25 | An IoT-based smart healthcare system to detect dysphonia. <i>Neural Computing and Applications</i> , 2022, 34, 11255-11265. | 5.6 | 7 |
| 26 | Multimedia framework to support eHealth applications. <i>Multimedia Tools and Applications</i> , 2014, 73, 2081-2101. | 3.9 | 5 |
| 27 | Countering Statistical Attacks in Cloud-Based Searchable Encryption. <i>International Journal of Parallel Programming</i> , 2020, 48, 470-495. | 1.5 | 5 |
| 28 | An Incentive Scheme for VANETs based on Traffic Event Validation using Blockchain. , 2020, , . | | 5 |
| 29 | A hybrid precoding and filtering based uplink MC-NOMA scheme for 5G cellular networks with reduced PAPR. <i>Transactions on Emerging Telecommunications Technologies</i> , 2018, 29, e3501. | 3.9 | 4 |
| 30 | Towards a Low Complexity Scheme for Medical Images in Scalable Video Coding. <i>IEEE Access</i> , 2020, 8, 41439-41451. | 4.2 | 4 |
| 31 | Performance analysis of Automatic Modulation Classification in multipath fading environment. , 2014, , . | | 3 |
| 32 | Resource Optimization-Based Software Risk Reduction Model for Large-Scale Application Development. <i>Sustainability</i> , 2021, 13, 2602. | 3.2 | 2 |
| 33 | Streaming Video in Cellular Networks Using Scalable Video Coding Extension of H.264-AVC. , 2008, , . | | 1 |
| 34 | Improved MB Mode Prediction in Extended Spatial Scalability with Error Resilient Coding. , 2010, , . | | 1 |
| 35 | Electric Load Forecasting using EEMD and Machine Learning Techniques. , 2020, , . | | 1 |
| 36 | Link and stability-aware adaptive cooperative routing with restricted packets transmission and void-avoidance for underwater acoustic wireless sensor networks. <i>Computer Communications</i> , 2021, 181, 428-428. | 5.1 | 1 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | A social network framework to support relatives of hospitalized patients. , 2013, , . | | 0 |
| 38 | Deep Learning-Based Approach for Detecting Trajectory Modifications of Cassini-Huygens Spacecraft. IEEE Access, 2021, 9, 39111-39125. | 4.2 | 0 |
| 39 | Requirements engineering issues causing software development outsourcing failure. , 2020, 15, e0229785. | | 0 |
| 40 | Requirements engineering issues causing software development outsourcing failure. , 2020, 15, e0229785. | | 0 |
| 41 | Requirements engineering issues causing software development outsourcing failure. , 2020, 15, e0229785. | | 0 |
| 42 | Requirements engineering issues causing software development outsourcing failure. , 2020, 15, e0229785. | | 0 |