

Mehedi Masud

List of Publications by Year in Descending Order

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Version: 2024-04-26

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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.

189
papers

1,544
citations

19
h-index

28
g-index

252
ext. papers

2,783
ext. citations

2.7
avg, IF

5.81
L-index

| # | Paper | IF | Citations |
|-----|---|-----|-----------|
| 189 | An Efficient Adaptive Salp Swarm Algorithm Using Type II Fuzzy Entropy for Multilevel Thresholding Image Segmentation.. <i>Computational and Mathematical Methods in Medicine</i> , 2022 , 2022, 2794326 | 2.8 | 1 |
| 188 | A light-weight convolutional Neural Network Architecture for classification of COVID-19 chest X-Ray images.. <i>Multimedia Systems</i> , 2022 , 1-10 | 2.2 | 4 |
| 187 | Geological Resource Planning and Environmental Impact Assessments Based on GIS. <i>Sustainability</i> , 2022 , 14, 906 | 3.6 | 4 |
| 186 | A Convolutional Neural Network Model Using Weighted Loss Function to Detect Diabetic Retinopathy. <i>ACM Transactions on Multimedia Computing, Communications and Applications</i> , 2022 , 18, 1-16 | 3.4 | 0 |
| 185 | Deep Learning Based Homomorphic Secure Search-Able Encryption for Keyword Search in Blockchain Healthcare System: A Novel Approach to Cryptography.. <i>Sensors</i> , 2022 , 22, | 3.8 | 8 |
| 184 | Envisaging Employee Churn Using MCDM and Machine Learning. <i>Intelligent Automation and Soft Computing</i> , 2022 , 33, 1009-1024 | 2.6 | 3 |
| 183 | Prediction of Covid-19 Based on Chest X-Ray Images Using Deep Learning with CNN. <i>Computer Systems Science and Engineering</i> , 2022 , 41, 1223-1240 | 3.9 | 4 |
| 182 | Plant Disease Diagnosis and Image Classification Using Deep Learning. <i>Computers, Materials and Continua</i> , 2022 , 71, 2125-2140 | 3.9 | 3 |
| 181 | PCA-Based Advanced Local Octa-Directional Pattern (ALODP-PCA): A Texture Feature Descriptor for Image Retrieval. <i>Electronics (Switzerland)</i> , 2022 , 11, 202 | 2.6 | 0 |
| 180 | Fractional order modeling and analysis of dynamics of stem cell differentiation in complex network. <i>AIMS Mathematics</i> , 2022 , 7, 5175-5198 | 2.2 | 1 |
| 179 | Optimization of Cognitive Radio System Using Self-Learning Salp Swarm Algorithm. <i>Computers, Materials and Continua</i> , 2022 , 70, 3821-3835 | 3.9 | 1 |
| 178 | Security and Privacy Aspects of Cloud Computing: A Smart Campus Case Study. <i>Intelligent Automation and Soft Computing</i> , 2022 , 31, 117-128 | 2.6 | 5 |
| 177 | Stock Prediction Based on Technical Indicators Using Deep Learning Model. <i>Computers, Materials and Continua</i> , 2022 , 70, 287-304 | 3.9 | 8 |
| 176 | Tracking Dengue on Twitter Using Hybrid Filtration-Polarity and Apache Flume. <i>Computer Systems Science and Engineering</i> , 2022 , 40, 913-926 | 3.9 | 2 |
| 175 | Bangla Natural Language Processing: A Comprehensive Analysis of Classical, Machine Learning, and Deep Learning Based Methods. <i>IEEE Access</i> , 2022 , 1-1 | 3.5 | 3 |
| 174 | Improvement of PMSG-Based Wind Energy Conversion System Using Developed Sliding Mode Control. <i>Energies</i> , 2022 , 15, 1625 | 3.1 | 2 |
| 173 | A Data Aggregation Approach Exploiting Spatial and Temporal Correlation among Sensor Data in Wireless Sensor Networks. <i>Electronics (Switzerland)</i> , 2022 , 11, 989 | 2.6 | 2 |

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| 172 | Evolving CNN with Paddy Field Algorithm for Geographical Landmark Recognition. <i>Electronics (Switzerland)</i> , 2022 , 11, 1075 | 2.6 | 2 |
| 171 | COME-UP: Computation Offloading in Mobile Edge Computing with LSTM Based User Direction Prediction. <i>Applied Sciences (Switzerland)</i> , 2022 , 12, 3312 | 2.6 | 5 |
| 170 | FPGA in the Loop Implementation for Observer Sliding Mode Control of DFIG-Generators for Wind Turbines. <i>Electronics (Switzerland)</i> , 2022 , 11, 116 | 2.6 | 3 |
| 169 | Investigation of Partial Shading Scenarios on a Photovoltaic Array's Characteristics. <i>Electronics (Switzerland)</i> , 2022 , 11, 96 | 2.6 | 3 |
| 168 | IoT-Based Water Quality Assessment System for Industrial Waste Water Healthcare Perspective.. <i>Journal of Healthcare Engineering</i> , 2022 , 2022, 3769965 | 3.7 | 0 |
| 167 | IoT-based real-time patients vital physiological parameters monitoring system using smart wearable sensors.. <i>Neural Computing and Applications</i> , 2022 , 1-20 | 4.8 | 0 |
| 166 | Intelligent conventional and proposed hybrid 5G detection techniques. <i>AEJ - Alexandria Engineering Journal</i> , 2022 , 61, 10485-10494 | 6.1 | 0 |
| 165 | Image Watermarking Scheme Using LSB and Image Gradient. <i>Applied Sciences (Switzerland)</i> , 2022 , 12, 4202 | 2.6 | 2 |
| 164 | Explainable AI in Diagnosing and Anticipating Leukemia Using Transfer Learning Method.. <i>Computational Intelligence and Neuroscience</i> , 2022 , 2022, 5140148 | 3 | 1 |
| 163 | Improved TCT topology for shaded photovoltaic arrays. <i>Energy Reports</i> , 2022 , 8, 5943-5956 | 4.6 | 2 |
| 162 | A Predictive Checkpoint Technique for Iterative Phase of Container Migration. <i>Sustainability</i> , 2022 , 14, 6538 | 3.6 | |
| 161 | Transfer Learning for Sentiment Analysis Using BERT Based Supervised Fine-Tuning. <i>Sensors</i> , 2022 , 22, 4157 | 3.8 | 7 |
| 160 | Multimedia Concepts on Object Detection and Recognition with F1 Car Simulation Using Convolutional Layers. <i>Wireless Communications and Mobile Computing</i> , 2021 , 2021, 1-21 | 1.9 | 7 |
| 159 | An Effective Convolutional Neural Network Model for the Early Detection of COVID-19 Using Chest X-ray Images. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 10301 | 2.6 | |
| 158 | Design of a Novel 60 GHz Millimeter Wave Q-Slot Antenna for Body-Centric Communications. <i>International Journal of Antennas and Propagation</i> , 2021 , 2021, 1-12 | 1.2 | 4 |
| 157 | Evolution of neutrino mass-mixing parameters in matter with non-standard interactions. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1 | 5.4 | 1 |
| 156 | Research and Development of an IoT-Based Remote Asthma Patient Monitoring System. <i>Journal of Healthcare Engineering</i> , 2021 , 2021, 2192913 | 3.7 | 4 |
| 155 | Novel Compact Design and Investigation of a Super Wideband Millimeter Wave Antenna for Body-Centric Communications. <i>International Journal of Antennas and Propagation</i> , 2021 , 2021, 1-15 | 1.2 | 4 |

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|-----|---|------|----|
| 154 | Privacy-preserving Serverless Computing using Federated Learning for Smart Grids. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 1-1 | 11.9 | 1 |
| 153 | A Metaheuristic Approach to Secure Multimedia Big Data for IoT-Based Smart City Applications. <i>Wireless Communications and Mobile Computing</i> , 2021 , 2021, 1-10 | 1.9 | 4 |
| 152 | A Novel Secure Blockchain Framework for Accessing Electronic Health Records Using Multiple Certificate Authority. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 9999 | 2.6 | 8 |
| 151 | Experimental Validation of Predictive Current Control for DFIG: FPGA Implementation. <i>Electronics (Switzerland)</i> , 2021 , 10, 2670 | 2.6 | 11 |
| 150 | Performance Analysis of WOFDM-WiMAX Integrating Diverse Wavelets for 5G Applications. <i>Wireless Communications and Mobile Computing</i> , 2021 , 2021, 1-14 | 1.9 | 4 |
| 149 | IOT-based service migration for connected communities. <i>Computers and Electrical Engineering</i> , 2021 , 96, 107530 | 4.3 | 0 |
| 148 | Design of Multi-Information Fusion Based Intelligent Electrical Fire Detection System for Green Buildings. <i>Sustainability</i> , 2021 , 13, 3405 | 3.6 | 47 |
| 147 | A survey on security threats and countermeasures in IoT to achieve users confidentiality and reliability. <i>Materials Today: Proceedings</i> , 2021 , | 1.4 | 3 |
| 146 | Medical image-based detection of COVID-19 using Deep Convolution Neural Networks. <i>Multimedia Systems</i> , 2021 , 1-10 | 2.2 | 32 |
| 145 | An Efficient Three-Phase Fuzzy Logic Clone Node Detection Model. <i>Security and Communication Networks</i> , 2021 , 2021, 1-17 | 1.9 | |
| 144 | Severity Classification of Diabetic Retinopathy Using an Ensemble Learning Algorithm through Analyzing Retinal Images. <i>Symmetry</i> , 2021 , 13, 670 | 2.7 | 23 |
| 143 | Urban Rain Flood Ecosystem Design Planning and Feasibility Study for the Enrichment of Smart Cities. <i>Sustainability</i> , 2021 , 13, 5205 | 3.6 | 10 |
| 142 | An Exhaustive Research on the Application of Intrusion Detection Technology in Computer Network Security in Sensor Networks. <i>Journal of Sensors</i> , 2021 , 2021, 1-11 | 2 | 7 |
| 141 | A robust and lightweight secure access scheme for cloud based E-healthcare services. <i>Peer-to-Peer Networking and Applications</i> , 2021 , 14, 1-15 | 3.1 | 14 |
| 140 | A Detailed Research on Human Health Monitoring System Based on Internet of Things. <i>Wireless Communications and Mobile Computing</i> , 2021 , 2021, 1-9 | 1.9 | 8 |
| 139 | Non-standard neutrino oscillations: perspective from unitarity triangles. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1 | 5.4 | 1 |
| 138 | Deep Learning Approaches for Detecting Pneumonia in COVID-19 Patients by Analyzing Chest X-Ray Images. <i>Mathematical Problems in Engineering</i> , 2021 , 2021, 1-8 | 1.1 | 9 |
| 137 | A New Hybrid Deep Learning Algorithm for Prediction of Wide Traffic Congestion in Smart Cities. <i>Wireless Communications and Mobile Computing</i> , 2021 , 2021, 1-13 | 1.9 | 13 |

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| 136 | Artificial Neural Network-Based Deep Learning Model for COVID-19 Patient Detection Using X-Ray Chest Images. <i>Journal of Healthcare Engineering</i> , 2021 , 2021, 5513679 | 3.7 | 10 |
| 135 | A Comparative Analysis of Machine Learning Algorithms for Detection of Organic and Nonorganic Cotton Diseases. <i>Mathematical Problems in Engineering</i> , 2021 , 2021, 1-18 | 1.1 | 6 |
| 134 | Numerical Approximation of One- and Two-Dimensional Coupled Nonlinear Schrödinger Equation by Implementing Barycentric Lagrange Interpolation Polynomial DQM. <i>Mathematical Problems in Engineering</i> , 2021 , 2021, 1-18 | 1.1 | |
| 133 | IFFO: An Improved Fruit Fly Optimization Algorithm for Multiple Workflow Scheduling Minimizing Cost and Makespan in Cloud Computing Environments. <i>Mathematical Problems in Engineering</i> , 2021 , 2021, 1-9 | 1.1 | 2 |
| 132 | CROWD: Crow Search and Deep Learning based Feature Extractor for Classification of Parkinson's Disease. <i>ACM Transactions on Internet Technology</i> , 2021 , 21, 1-18 | 3.8 | 4 |
| 131 | A Cost-Efficient Autonomous Air Defense System for National Security. <i>Security and Communication Networks</i> , 2021 , 2021, 1-10 | 1.9 | 0 |
| 130 | Pre-Trained Convolutional Neural Networks for Breast Cancer Detection Using Ultrasound Images. <i>ACM Transactions on Internet Technology</i> , 2021 , 21, 1-17 | 3.8 | 14 |
| 129 | 3P-SAKE: Privacy-preserving and physically secured authenticated key establishment protocol for wireless industrial networks. <i>Computer Communications</i> , 2021 , 175, 82-90 | 5.1 | 6 |
| 128 | A Comparative Analysis of Machine Learning Algorithms to Predict Alzheimer's Disease. <i>Journal of Healthcare Engineering</i> , 2021 , 2021, 9917919 | 3.7 | 13 |
| 127 | Various Textiles-Based Comparative Analysis of a Millimeter Wave Miniaturized Novel Antenna Design for Body-Centric Communications. <i>International Journal of Antennas and Propagation</i> , 2021 , 2021, 1-14 | 1.2 | 7 |
| 126 | Blockchain and homomorphic encryption-based privacy-preserving data aggregation model in smart grid. <i>Computers and Electrical Engineering</i> , 2021 , 93, 107209 | 4.3 | 16 |
| 125 | Coexistence Mechanism Between eMBB and uRLLC in 5G Wireless Networks. <i>IEEE Transactions on Communications</i> , 2021 , 69, 1736-1749 | 6.9 | 27 |
| 124 | Computer Vision Based Robotic Arm Controlled Using Interactive GUI. <i>Intelligent Automation and Soft Computing</i> , 2021 , 27, 533-550 | 2.6 | 2 |
| 123 | . <i>IEEE Access</i> , 2021 , 9, 119613-119628 | 3.5 | 5 |
| 122 | Machine Learning Based Beam Selection with Low Complexity Hybrid Beamforming Design for 5G Massive MIMO Systems. <i>IEEE Transactions on Green Communications and Networking</i> , 2021 , 1-1 | 4 | 4 |
| 121 | Application of data mining technology in detecting network intrusion and security maintenance. <i>Journal of Intelligent Systems</i> , 2021 , 30, 664-676 | 1.5 | 1 |
| 120 | An improved association rule mining algorithm for large data. <i>Journal of Intelligent Systems</i> , 2021 , 30, 750-762 | 1.5 | 4 |
| 119 | Blended Learning Tools and Practices: A Comprehensive Analysis. <i>IEEE Access</i> , 2021 , 9, 85151-85197 | 3.5 | 9 |

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| 118 | Load Balancing Algorithm for Migrating Switches in Software-defined Vehicular Networks. <i>Computers, Materials and Continua</i> , 2021 , 67, 1301-1316 | 3.9 | 11 |
| 117 | Lightweight and Anonymity-Preserving User Authentication Scheme for IoT-based Healthcare. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1 | 10.7 | 30 |
| 116 | Service vs Protection: A Bayesian Learning Approach for Trust Provisioning in Edge of Things Environment. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1 | 10.7 | 3 |
| 115 | A Formal Testing Model for Operating Room Control System using Internet of Things. <i>Computers, Materials and Continua</i> , 2021 , 66, 2997-3011 | 3.9 | 12 |
| 114 | An Efficient Hybrid PAPR Reduction for 5G NOMA-FBMC Waveforms. <i>Computers, Materials and Continua</i> , 2021 , 69, 2967-2981 | 3.9 | 0 |
| 113 | An empirical study on vulnerability assessment and penetration detection for highly sensitive networks. <i>Journal of Intelligent Systems</i> , 2021 , 30, 592-603 | 1.5 | 1 |
| 112 | Role of Fuzzy Approach towards Fault Detection for Distributed Components. <i>Computers, Materials and Continua</i> , 2021 , 67, 1979-1996 | 3.9 | 1 |
| 111 | A Novel Fractional-Order Variational Approach for Image Restoration Based on Fuzzy Membership Degrees. <i>IEEE Access</i> , 2021 , 9, 43574-43600 | 3.5 | 1 |
| 110 | Leveraging Convolutional Neural Network for COVID-19 Disease Detection Using CT Scan Images. <i>Intelligent Automation and Soft Computing</i> , 2021 , 29, 1-13 | 2.6 | 4 |
| 109 | Adaptive Flower Pollination Algorithm-Based Energy Efficient Routing Protocol for Multi-Robot Systems. <i>IEEE Access</i> , 2021 , 9, 82417-82434 | 3.5 | 1 |
| 108 | QoS-Aware Energy Management and Node Scheduling Schemes for Sensor Network-Based Surveillance Applications. <i>IEEE Access</i> , 2021 , 9, 3065-3096 | 3.5 | 7 |
| 107 | A Lightweight and Robust Secure Key Establishment Protocol for Internet of Medical Things in COVID-19 Patients Care. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1 | 10.7 | 47 |
| 106 | A Novel Bayesian Optimization-Based Machine Learning Framework for COVID-19 Detection From Inpatient Facility Data. <i>IEEE Access</i> , 2021 , 9, 10263-10281 | 3.5 | 17 |
| 105 | . <i>IEEE Access</i> , 2021 , 9, 74550-74561 | 3.5 | 2 |
| 104 | A Machine Learning Approach to Diagnosing Lung and Colon Cancer Using a Deep Learning-Based Classification Framework. <i>Sensors</i> , 2021 , 21, | 3.8 | 34 |
| 103 | Nature-Inspired-Based Approach for Automated Cyberbullying Classification on Multimedia Social Networking. <i>Mathematical Problems in Engineering</i> , 2021 , 2021, 1-12 | 1.1 | 47 |
| 102 | A Novel Hybrid Precoding-Companding Technique for Peak-to-Average Power Ratio Reduction in 5G and beyond. <i>Sensors</i> , 2021 , 21, | 3.8 | 5 |
| 101 | A Pneumonia Diagnosis Scheme Based on Hybrid Features Extracted from Chest Radiographs Using an Ensemble Learning Algorithm. <i>Journal of Healthcare Engineering</i> , 2021 , 2021, 8862089 | 3.7 | 9 |

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|-----|--|-----|----|
| 100 | Predicting the Risk of Depression Based on ECG Using RNN. <i>Computational Intelligence and Neuroscience</i> , 2021 , 2021, 1299870 | 3 | 5 |
| 99 | Hybrid smart grid with sustainable energy efficient resources for smart cities. <i>Sustainable Energy Technologies and Assessments</i> , 2021 , 46, 101211 | 4.7 | 11 |
| 98 | Security, Privacy, and Reliability in Digital Healthcare Systems Using Blockchain. <i>Electronics (Switzerland)</i> , 2021 , 10, 2034 | 2.6 | 11 |
| 97 | Analysis of FBMC Waveform for 5G Network Based Smart Hospitals. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 8895 | 2.6 | 0 |
| 96 | Exploring the new physics phases in 3+1 scenario in neutrino oscillation experiments. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1 | 5.4 | 0 |
| 95 | A novel air quality monitoring and improvement system based on wireless sensor and actuator networks using LoRa communication. <i>PeerJ Computer Science</i> , 2021 , 7, e711 | 2.7 | 3 |
| 94 | Elementary Methods for Generating Three-Dimensional Coordinate Estimation and Image Reconstruction from Series of Two-Dimensional Images. <i>Mathematical Problems in Engineering</i> , 2021 , 2021, 1-11 | 1.1 | |
| 93 | Spoken Language Identification Using Deep Learning. <i>Computational Intelligence and Neuroscience</i> , 2021 , 2021, 5123671 | 3 | 3 |
| 92 | Cross-domain secure data sharing using blockchain for industrial IoT. <i>Journal of Parallel and Distributed Computing</i> , 2021 , 156, 176-184 | 4.4 | 10 |
| 91 | Robust Cluster-Based Routing Protocol for IoT-Assisted Smart Devices in WSN. <i>Computers, Materials and Continua</i> , 2021 , 67, 3505-3521 | 3.9 | 7 |
| 90 | Development of a Multi-feature Web-based Physiotherapy Service System. <i>Intelligent Automation and Soft Computing</i> , 2021 , 29, 43-54 | 2.6 | 3 |
| 89 | Fully Integrated High Gain S-Band Triangular Slot Antenna for CubeSat Communications. <i>Electronics (Switzerland)</i> , 2021 , 10, 156 | 2.6 | 2 |
| 88 | Comparative Design and Study of A 60 GHz Antenna for Body-Centric Wireless Communications. <i>Computer Systems Science and Engineering</i> , 2021 , 37, 19-32 | 3.9 | 5 |
| 87 | Development of a Web-Based Telemedicine System for Covid-19 Patients. <i>Intelligent Automation and Soft Computing</i> , 2021 , 30, 899-915 | 2.6 | 2 |
| 86 | A Comparative Analysis of Machine Learning Algorithms to Predict Liver Disease. <i>Intelligent Automation and Soft Computing</i> , 2021 , 30, 917-928 | 2.6 | 2 |
| 85 | Cataract Disease Detection by Using Transfer Learning-Based Intelligent Methods.. <i>Computational and Mathematical Methods in Medicine</i> , 2021 , 2021, 7666365 | 2.8 | 1 |
| 84 | Optimization for a Photovoltaic Pumping System Using Indirect Field Oriented Control of Induction Motor. <i>Electronics (Switzerland)</i> , 2021 , 10, 3076 | 2.6 | 3 |
| 83 | Implementation and Validation of Hybrid Control for a DFIG Wind Turbine Using an FPGA Controller Board. <i>Electronics (Switzerland)</i> , 2021 , 10, 3154 | 2.6 | 3 |

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|----|--|-----|----|
| 82 | A geometrical look at neutrino oscillation probabilities with non-standard interactions. <i>Journal of Physics: Conference Series</i> , 2021 , 2156, 012102 | 0.3 | |
| 81 | Deep Learning-Based Sentiment Analysis of COVID-19 Vaccination Responses from Twitter Data.. <i>Computational and Mathematical Methods in Medicine</i> , 2021 , 2021, 4321131 | 2.8 | 10 |
| 80 | Multi-Level P2P Traffic Classification Using Heuristic and Statistical-Based Techniques: A Hybrid Approach. <i>Symmetry</i> , 2020 , 12, 2117 | 2.7 | 2 |
| 79 | A Novel Method to Identify Pneumonia through Analyzing Chest Radiographs Employing a Multichannel Convolutional Neural Network. <i>Sensors</i> , 2020 , 20, | 3.8 | 15 |
| 78 | Impact of high energy beam tunes on the sensitivities to the standard unknowns at DUNE. <i>Physical Review D</i> , 2020 , 102, | 4.9 | 3 |
| 77 | A Comprehensive Study of Privacy Preserving Techniques in Cloud Computing Environment. <i>Advances in Science, Technology and Engineering Systems</i> , 2020 , 5, 419-424 | 0.3 | 1 |
| 76 | Cyber Attacks and Impacts: A Case Study in Saudi Arabia. <i>International Journal of Advanced Trends in Computer Science and Engineering</i> , 2020 , 9, 217-224 | 1.7 | 3 |
| 75 | On the Detection of COVID-19 from Chest X-Ray Images Using CNN-based Transfer Learning. <i>Computers, Materials and Continua</i> , 2020 , 64, 1359-1381 | 3.9 | 18 |
| 74 | Gain analysis of high-speed DWDM link with different optical amplification configurations. <i>International Journal on Smart Sensing and Intelligent Systems</i> , 2020 , 13, 1-8 | 0.4 | |
| 73 | Deep learning-based intelligent face recognition in IoT-cloud environment. <i>Computer Communications</i> , 2020 , 152, 215-222 | 5.1 | 21 |
| 72 | Convolutional neural network-based models for diagnosis of breast cancer. <i>Neural Computing and Applications</i> , 2020 , 1-12 | 4.8 | 21 |
| 71 | Light Deep Model for Pulmonary Nodule Detection From CT Scan Images for Mobile Devices. <i>Wireless Communications and Mobile Computing</i> , 2020 , 2020, 1-8 | 1.9 | 7 |
| 70 | Leveraging Deep Learning Techniques for Malaria Parasite Detection Using Mobile Application. <i>Wireless Communications and Mobile Computing</i> , 2020 , 2020, 1-15 | 1.9 | 19 |
| 69 | Framework for Efficient Medical Image Encryption Using Dynamic S-Boxes and Chaotic Maps. <i>IEEE Access</i> , 2020 , 8, 160433-160449 | 3.5 | 20 |
| 68 | Can Lorentz invariance violation affect the sensitivity of deep underground neutrino experiment?. <i>European Physical Journal C</i> , 2020 , 80, 1 | 4.2 | 5 |
| 67 | Controlling the Outbreak of COVID-19: A Noncooperative Game Perspective. <i>IEEE Access</i> , 2020 , 8, 215570-215581 | 3.5 | 21 |
| 66 | Performance Analysis and Enhancement of Free Space Optical Links for Developing State-of-the-Art Smart City Framework. <i>Photonics</i> , 2020 , 7, 132 | 2.2 | 6 |
| 65 | A forecasting tool for prediction of epileptic seizures using a machine learning approach. <i>Concurrency Computation Practice and Experience</i> , 2020 , 32, e5111 | 1.4 | 7 |

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|----|--|-----|----|
| 64 | Extricating New Physics Scenarios at DUNE with Higher Energy Beams. <i>Scientific Reports</i> , 2019 , 9, 352 | 4.9 | 14 |
| 63 | Correlations and degeneracies among the NSI parameters with tunable beams at DUNE. <i>Physical Review D</i> , 2019 , 99, | 4.9 | 17 |
| 62 | Managing Multi-Cloud Data Dependability Faults. <i>Advances in Knowledge Acquisition, Transfer and Management Book Series</i> , 2019 , 207-221 | 0.3 | 2 |
| 61 | Exploring the intrinsic Lorentz-violating parameters at DUNE. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019 , 788, 308-315 | 4.2 | 15 |
| 60 | Cloud-oriented emotion feedback-based Exergames framework. <i>Multimedia Tools and Applications</i> , 2018 , 77, 21861-21877 | 2.5 | 3 |
| 59 | Automatic Seizure Detection in a Mobile Multimedia Framework. <i>IEEE Access</i> , 2018 , 6, 45372-45383 | 3.5 | 14 |
| 58 | Preserving Authenticity and Integrity of Distributed Networks through Novel Message Authentication Code. <i>Indonesian Journal of Electrical Engineering and Computer Science</i> , 2018 , 12, 1297 | 1.6 | 2 |
| 57 | Impact of New Physics on CP-Asymmetries at Long Baselines. <i>Springer Proceedings in Physics</i> , 2018 , 795-797 | | |
| 56 | Secure data-exchange protocol in a cloud-based collaborative health care environment. <i>Multimedia Tools and Applications</i> , 2018 , 77, 11121-11135 | 2.5 | 6 |
| 55 | Situation Awareness in Ambient Assisted Living for Smart Healthcare. <i>IEEE Access</i> , 2017 , 5, 20716-20725 | 3.5 | 19 |
| 54 | Can we probe intrinsic CP and T violations and nonunitarity at long baseline accelerator experiments?. <i>Physical Review D</i> , 2017 , 95, | 4.9 | 13 |
| 53 | Mitigation of Distributed Denial of Service Attacks in the Cloud. <i>Cybernetics and Information Technologies</i> , 2017 , 17, 32-51 | 1.3 | 5 |
| 52 | Imprint of non-standard interactions on the CP violation measurements at long baseline experiments 2017 , 89, 1 | | 0 |
| 51 | Passive LC sensor label with distance-independent contactless interrogation 2017 , | | 6 |
| 50 | Data damage assessment and recovery algorithm from malicious attacks in healthcare data sharing systems. <i>Peer-to-Peer Networking and Applications</i> , 2016 , 9, 812-823 | 3.1 | 9 |
| 49 | Privacy preserving secure data exchange in mobile P2P cloud healthcare environment. <i>Peer-to-Peer Networking and Applications</i> , 2016 , 9, 894-909 | 3.1 | 11 |
| 48 | Probing the CP violation signal at DUNE in the presence of non-standard neutrino interactions. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2016 , 43, 095005 | 2.9 | 49 |
| 47 | Nonstandard interactions and resolving the ordering of neutrino masses at DUNE and other long baseline experiments. <i>Physical Review D</i> , 2016 , 94, | 4.9 | 36 |

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| 46 | WhatsUpNow: urban social application with real-time peer-to-peer ambient and sensory data exchanges. <i>Multimedia Tools and Applications</i> , 2016 , 75, 13349-13374 | 2.5 | 0 |
| 45 | Collaborative e-learning systems using semantic data interoperability. <i>Computers in Human Behavior</i> , 2016 , 61, 127-135 | 7.7 | 15 |
| 44 | Characterizing End-to-End Delay Performance of Randomized TCP Using an Analytical Model. <i>International Journal of Advanced Computer Science and Applications</i> , 2016 , 7, | 1.7 | 2 |
| 43 | Byzantine Fault-Tolerant Architecture in Cloud Data Management. <i>International Journal of Knowledge Society Research</i> , 2016 , 7, 86-98 | | 3 |
| 42 | Capabilities of long-baseline experiments in the presence of a sterile neutrino. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1 | 5.4 | 28 |
| 41 | Optimal configurations of the Deep Underground Neutrino Experiment. <i>International Journal of Modern Physics A</i> , 2016 , 31, 1650020 | 1.2 | 12 |
| 40 | A Time-gated Contactless Interrogation System for Frequency and Quality Factor Tracking in QCR to Investigate on Liquid Solution Microdroplets. <i>Procedia Engineering</i> , 2016 , 168, 704-707 | | 3 |
| 39 | Design and evaluation of hospital-based business intelligence system (HBIS): A foundation for design science research methodology. <i>Computers in Human Behavior</i> , 2016 , 62, 495-505 | 7.7 | 16 |
| 38 | Perspective of health data interoperability on cloud-based Medical Cyber-Physical Systems 2016 , | | 3 |
| 37 | Nonstandard interactions spoiling the CP violation sensitivity at DUNE and other long baseline experiments. <i>Physical Review D</i> , 2016 , 94, | 4.9 | 36 |
| 36 | Well-formed semantic model for co-learning. <i>Computers in Human Behavior</i> , 2015 , 51, 821-828 | 7.7 | 5 |
| 35 | Usability of a cloud-based collaborative learning framework to improve learners' experience. <i>Computers in Human Behavior</i> , 2015 , 51, 967-976 | 7.7 | 15 |
| 34 | Spectro-temporal directional derivative based automatic speech recognition for a serious game scenario. <i>Multimedia Tools and Applications</i> , 2015 , 74, 5313-5327 | 2.5 | 12 |
| 33 | An Enhanced k-Means Clustering Algorithm for Pattern Discovery in Healthcare Data. <i>International Journal of Distributed Sensor Networks</i> , 2015 , 11, 615740 | 1.7 | 35 |
| 32 | The impact of sterile neutrinos on CP measurements at long baselines. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1 | 5.4 | 54 |
| 31 | Tracking and Repairing Damaged Healthcare Databases Using the Matrix. <i>International Journal of Distributed Sensor Networks</i> , 2015 , 11, 914305 | 1.7 | 7 |
| 30 | Knowledge Update in Collaborative Knowledge Sharing Systems. <i>International Journal of Knowledge Society Research</i> , 2015 , 6, 19-31 | | 1 |
| 29 | ACO-based media content adaptation for e-learning environments 2014 , | | 1 |

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