

Divya Anand

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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281
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| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Early Detection and Classification of Tomato Leaf Disease Using High-Performance Deep Neural Network. <i>Sensors</i> , 2021, 21, 7987. | 2.1 | 139 |
| 2 | A novel dynamic clustering approach for energy hole mitigation in Internet of Things-based wireless sensor network. <i>International Journal of Communication Systems</i> , 2021, 34, e4806. | 1.6 | 77 |
| 3 | A novel deep learning-based multi-model ensemble method for the prediction of neuromuscular disorders. <i>Neural Computing and Applications</i> , 2020, 32, 11083-11095. | 3.2 | 53 |
| 4 | Underwater Networked Wireless Sensor Data Collection for Computational Intelligence Techniques: Issues, Challenges, and Approaches. <i>IEEE Access</i> , 2020, 8, 122959-122974. | 2.6 | 39 |
| 5 | An Efficient CNN-Based Deep Learning Model to Detect Malware Attacks (CNN-DMA) in 5G-IoT Healthcare Applications. <i>Sensors</i> , 2021, 21, 6346. | 2.1 | 38 |
| 6 | A Deep Learning-Based Intelligent Garbage Detection System Using an Unmanned Aerial Vehicle. <i>Symmetry</i> , 2022, 14, 960. | 1.1 | 34 |
| 7 | 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. | 0.6 | 33 |
| 8 | 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, 1-16. | 1.1 | 30 |
| 9 | 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, 1-11. | 1.1 | 25 |
| 10 | Secure Surveillance Systems Using Partial-Regeneration-Based Non-Dominated Optimization and 5D-Chaotic Map. <i>Symmetry</i> , 2021, 13, 1447. | 1.1 | 24 |
| 11 | Blockchain Interoperability: Towards a Sustainable Payment System. <i>Sustainability</i> , 2022, 14, 913. | 1.6 | 23 |
| 12 | A New Clinical Spectrum for the Assessment of Nonalcoholic Fatty Liver Disease Using Intelligent Methods. <i>IEEE Access</i> , 2020, 8, 138470-138480. | 2.6 | 18 |
| 13 | Big Data Analysis Framework for Water Quality Indicators with Assimilation of IoT and ML. <i>Electronics (Switzerland)</i> , 2022, 11, 1927. | 1.8 | 15 |
| 14 | Towards Design and Feasibility Analysis of DePaaS: AI Based Global Unified Software Defect Prediction Framework. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 493. | 1.3 | 10 |
| 15 | Fault Pattern Diagnosis and Classification in Sensor Nodes Using Fall Curve. <i>Computers, Materials and Continua</i> , 2022, 72, 1799-1814. | 1.5 | 10 |
| 16 | IoT Inspired Intelligent Monitoring and Reporting Framework for Education 4.0. <i>IEEE Access</i> , 2021, 9, 131286-131305. | 2.6 | 9 |
| 17 | Visualization of Customized Convolutional Neural Network for Natural Language Recognition. <i>Sensors</i> , 2022, 22, 2881. | 2.1 | 9 |
| 18 | A Wider Impedance Bandwidth Dual Filter Symmetrical MIMO Antenna for High-Speed Wideband Wireless Applications. <i>Symmetry</i> , 2022, 14, 29. | 1.1 | 9 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | A Novel Stacking-Based Deterministic Ensemble Model for Infectious Disease Prediction. Mathematics, 2022, 10, 1714. | 1.1 | 8 |
| 20 | An Intelligent Optimized Route-Discovery Model for IoT-Based VANETs. Processes, 2021, 9, 2171. | 1.3 | 7 |
| 21 | An Improved Binomial Distribution-Based Trust Management Algorithm for Remote Patient Monitoring in WBANs. Sustainability, 2022, 14, 2141. | 1.6 | 6 |
| 22 | An Intelligent and Autonomous Sight Distance Evaluation Framework for Sustainable Transportation. Sustainability, 2021, 13, 8885. | 1.6 | 5 |
| 23 | A Taxonomy and Analysis on Internet of Vehicles: Architectures, Protocols, and Challenges. Wireless Communications and Mobile Computing, 2022, 2022, 1-26. | 0.8 | 5 |
| 24 | Imperative Role of Automation and Wireless Technologies in Aquaponics Farming. Wireless Communications and Mobile Computing, 2022, 2022, 1-13. | 0.8 | 5 |
| 25 | A Novel Hybrid Feature Selection Model for Classification of Neuromuscular Dystrophies Using Bhattacharyya Coefficient, Genetic Algorithm and Radial Basis Function-Based Support Vector Machine. Interdisciplinary Sciences, Computational Life Sciences, 2018, 10, 244-250. | 2.2 | 3 |
| 26 | A Brief Overview of Load Balancing Techniques in Fog Computing Environment. , 2022, , . | | 3 |
| 27 | Facioscapulothoracic Muscular Dystrophy Diagnosis Using Hierarchical Clustering Algorithm and K-Nearest Neighbor Based Methodology. International Journal of E-Health and Medical Communications, 2017, 8, 33-46. | 1.4 | 2 |
| 28 | IoT-Inspired Reliable Irregularity-Detection Framework for Education 4.0 and Industry 4.0. Electronics (Switzerland), 2022, 11, 1436. | 1.8 | 1 |
| 29 | A Cost-Optimized Data Parallel Task Scheduling with Deadline Constraints in Cloud. Electronics (Switzerland), 2022, 11, 2022. | 1.8 | 1 |
| 30 | C-IoT Inspired Real-Time and Intervallic Accreditation Under Education 4.0. , 2022, , . | | 0 |