Varadarajan Vijayakumar

List of Publications by Year
in descending order

30 papers	408 citations	759055 12 h-index	794469 19 g-index
31 all docs	31 docs citations	31 times ranked	148 citing authors

#	Article	IF	Citations
1	Special issue on emerging trends, challenges and applications in cloud computing. Wireless Networks, 2023, 29, 985-987.	2.0	1
2	Artificial Bee Colony Reinforced Extended Kalman Filter Localization Algorithm in Internet of Things with Big Data Blending Technique for Finding the Accurate Position of Reference Nodes. Big Data, 2022, 10, 186-203.	2.1	9
3	IoT Framework for Measurement and Precision Agriculture: Predicting the Crop Using Machine Learning Algorithms. Technologies, 2022, 10, 13.	3.0	31
4	Stability and Numerical Solutions of Second Wave Mathematical Modeling on COVID-19 and Omicron Outbreak Strategy of Pandemic: Analytical and Error Analysis of Approximate Series Solutions by Using HPM. Mathematics, 2022, 10, 343.	1.1	25
5	Bio-Signals in Medical Applications and Challenges Using Artificial Intelligence. Journal of Sensor and Actuator Networks, 2022, 11, 17.	2.3	19
6	Sustainable Smart Industry: A Secure and Energy Efficient Consensus Mechanism for Artificial Intelligence Enabled Industrial Internet of Things. Computational Intelligence and Neuroscience, 2022, 2022, 1-12.	1.1	11
7	An Efficient Gait Abnormality Detection Method Based on Classification. Journal of Sensor and Actuator Networks, 2022, 11, 31.	2.3	4
8	IoT-Based Technological Framework for Inhibiting the Spread of COVID-19: A Pandemic Using Machine Learning and Fuzzy-Based Processes. Security and Communication Networks, 2022, 2022, 1-10.	1.0	2
9	Location‐based social network recommendations with computational intelligence‐based similarity computation and user check‐in behavior. Concurrency Computation Practice and Experience, 2021, 33, e6106.	1.4	4
10	Fuzzy-Logic-Inspired Zone-Based Clustering Algorithm for Wireless Sensor Networks. International Journal of Fuzzy Systems, 2021, 23, 506-517.	2.3	22
11	A Review on Small Power Rating PV Inverter Topologies and Smart PV Inverters. Electronics (Switzerland), 2021, 10, 1296.	1.8	15
12	Approaches towards Blockchain Innovation: A Survey and Future Directions. Electronics (Switzerland), 2021, 10, 1219.	1.8	19
13	Estimating Software Development Efforts Using a Random Forest-Based Stacked Ensemble Approach. Electronics (Switzerland), 2021, 10, 1195.	1.8	21
14	AI Based Emotion Detection for Textual Big Data: Techniques and Contribution. Big Data and Cognitive Computing, 2021, 5, 43.	2.9	26
15	Fuzzy controller design for nonlinear singular systems with external noises subject to passivity constraints. Asian Journal of Control, 2021, 23, 1195-1211.	1.9	10
16	A Novel Algorithm for Capacitated Vehicle Routing Problem for Smart Cities. Symmetry, 2021, 13, 1923.	1.1	19
17	Improving the Robustness of AI-Based Malware Detection Using Adversarial Machine Learning. Algorithms, 2021, 14, 297.	1.2	12
18	A Review of Maximum Power Point Tracking Algorithms for Wind Energy Conversion Systems. Journal of Marine Science and Engineering, 2021, 9, 1187.	1.2	51

#	Article	IF	Citations
19	Random Forest Bagging and X-Means Clustered Antipattern Detection from SQL Query Log for Accessing Secure Mobile Data. Wireless Communications and Mobile Computing, 2021, 2021, 1-9.	0.8	37
20	An Efficient Deep Convolutional Neural Network Approach for Object Detection and Recognition Using a Multi-Scale Anchor Box in Real-Time. Future Internet, 2021, 13, 307.	2.4	9
21	A Secure Recommendation System for Providing Context-Aware Physical Activity Classification for Users. Security and Communication Networks, 2021, 2021, 1-15.	1.0	8
22	A Deep Learning Model Based on BERT and Sentence Transformer for Semantic Keyphrase Extraction on Big Social Data. IEEE Access, 2021, 9, 165252-165261.	2.6	20
23	Hybrid Deep Neural Network for Handling Data Imbalance in Precursor MicroRNA. Frontiers in Public Health, 2021, 9, 821410.	1.3	4
24	Real-Time Automatic Investigation of Indian Roadway Animals by 3D Reconstruction Detection Using Deep Learning for R-3D-YOLOv3 Image Classification and Filtering. Electronics (Switzerland), 2021, 10, 3079.	1.8	8
25	Recent trends, challenges and applications in cognitive computing for intelligent systems. Journal of Intelligent and Fuzzy Systems, 2020, 39, 8041-8042.	0.8	1
26	Analysis of Electric Motor Magnetic Core Loss under Axial Mechanical Stress. Sensors, 2020, 20, 6818.	2.1	2
27	Emerging Solutions in Big Data and Cloud Technologies for Mobile Networks. Mobile Networks and Applications, 2019, 24, 1015-1017.	2.2	2
28	Layered Compression Scheme for Efficient Data Collection of Sensory Data. , 2018, , .		1
29	Quality Provisioning in the Internet of Things Era. , 2018, , .		7
30	Technical Approach in Text Mining for Stock Market Prediction: A Systematic Review. Indonesian Journal of Electrical Engineering and Computer Science, 2018, 10, 770.	0.7	8