

Varadarajan Vijayakumar

List of Publications by Year in descending order

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Version: 2024-02-01

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	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
2	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
3	IoT Framework for Measurement and Precision Agriculture: Predicting the Crop Using Machine Learning Algorithms. Technologies, 2022, 10, 13.	3.0	31
4	AI Based Emotion Detection for Textual Big Data: Techniques and Contribution. Big Data and Cognitive Computing, 2021, 5, 43.	2.9	26
5	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
6	Fuzzy-Logic-Inspired Zone-Based Clustering Algorithm for Wireless Sensor Networks. International Journal of Fuzzy Systems, 2021, 23, 506-517.	2.3	22
7	Estimating Software Development Efforts Using a Random Forest-Based Stacked Ensemble Approach. Electronics (Switzerland), 2021, 10, 1195.	1.8	21
8	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
9	Approaches towards Blockchain Innovation: A Survey and Future Directions. Electronics (Switzerland), 2021, 10, 1219.	1.8	19
10	A Novel Algorithm for Capacitated Vehicle Routing Problem for Smart Cities. Symmetry, 2021, 13, 1923.	1.1	19
11	Bio-Signals in Medical Applications and Challenges Using Artificial Intelligence. Journal of Sensor and Actuator Networks, 2022, 11, 17.	2.3	19
12	A Review on Small Power Rating PV Inverter Topologies and Smart PV Inverters. Electronics (Switzerland), 2021, 10, 1296.	1.8	15
13	Improving the Robustness of AI-Based Malware Detection Using Adversarial Machine Learning. Algorithms, 2021, 14, 297.	1.2	12
14	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
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	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
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	A Secure Recommendation System for Providing Context-Aware Physical Activity Classification for Users. Security and Communication Networks, 2021, 2021, 1-15.	1.0	8
20	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
21	Quality Provisioning in the Internet of Things Era. , 2018, , .		7
22	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
23	Hybrid Deep Neural Network for Handling Data Imbalance in Precursor MicroRNA. Frontiers in Public Health, 2021, 9, 821410.	1.3	4
24	An Efficient Gait Abnormality Detection Method Based on Classification. Journal of Sensor and Actuator Networks, 2022, 11, 31.	2.3	4
25	Emerging Solutions in Big Data and Cloud Technologies for Mobile Networks. Mobile Networks and Applications, 2019, 24, 1015-1017.	2.2	2
26	Analysis of Electric Motor Magnetic Core Loss under Axial Mechanical Stress. Sensors, 2020, 20, 6818.	2.1	2
27	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
28	Layered Compression Scheme for Efficient Data Collection of Sensory Data. , 2018, , .		1
29	Recent trends, challenges and applications in cognitive computing for intelligent systems. Journal of Intelligent and Fuzzy Systems, 2020, 39, 8041-8042.	0.8	1
30	Special issue on emerging trends, challenges and applications in cloud computing. Wireless Networks, 2023, 29, 985-987.	2.0	1