

Durai Raj Vincent P M

List of Publications by Citations

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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.

52
papers

446
citations

11
h-index

19
g-index

67
ext. papers

792
ext. citations

2.4
avg, IF

4.93
L-index

#	Paper	IF	Citations
52	Forecasting yield by integrating agrarian factors and machine learning models: A survey. <i>Computers and Electronics in Agriculture</i> , 2018 , 155, 257-282	6.5	80
51	Sensors Driven AI-Based Agriculture Recommendation Model for Assessing Land Suitability. <i>Sensors</i> , 2019 , 19,	3.8	52
50	. <i>IEEE Access</i> , 2020 , 8, 86886-86901	3.5	50
49	Multiclass Model for Agriculture Development Using Multivariate Statistical Method. <i>IEEE Access</i> , 2020 , 8, 183749-183758	3.5	24
48	Emotion AI-Driven Sentiment Analysis: A Survey, Future Research Directions, and Open Issues. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 5462	2.6	22
47	An algorithm to enhance security in RSA 2013 ,		16
46	Deep CNN and Deep GAN in Computational Visual Perception-Driven Image Analysis. <i>Complexity</i> , 2021 , 2021, 1-30	1.6	13
45	. <i>IEEE Access</i> , 2020 , 8, 49509-49522	3.5	12
44	An Efficient Ensemble VTOPES Multi-Criteria Decision-Making Model for Sustainable Sugarcane Farms. <i>Sustainability</i> , 2019 , 11, 4288	3.6	12
43	A Hybrid CFS Filter and RF-RFE Wrapper-Based Feature Extraction for Enhanced Agricultural Crop Yield Prediction Modeling. <i>Agriculture (Switzerland)</i> , 2020 , 10, 400	3	12
42	Sensor-Assisted Weighted Average Ensemble Model for Detecting Major Depressive Disorder. <i>Sensors</i> , 2019 , 19,	3.8	11
41	Realizing an Integrated Multistage Support Vector Machine Model for Augmented Recognition of Unipolar Depression. <i>Electronics (Switzerland)</i> , 2020 , 9, 647	2.6	10
40	An IOT based human healthcare system using Arduino uno board 2017 ,		10
39	A deep learning framework with an embedded-based feature selection approach for the early detection of the Alzheimer's disease. <i>Computers in Biology and Medicine</i> , 2021 , 105056	7	10
38	Machine Learning Based Computational Gene Selection Models: A Survey, Performance Evaluation, Open Issues, and Future Research Directions. <i>Frontiers in Genetics</i> , 2020 , 11, 603808	4.5	10
37	Reinforced XGBoost machine learning model for sustainable intelligent agrarian applications. <i>Journal of Intelligent and Fuzzy Systems</i> , 2020 , 39, 7605-7620	1.6	8
36	A reinforced random forest model for enhanced crop yield prediction by integrating agrarian parameters. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2021 , 12, 10009-10022	3.7	8

35	Identity preserving multi-pose facial expression recognition using fine tuned VGG on the latent space vector of generative adversarial network. <i>Mathematical Biosciences and Engineering</i> , 2021 , 18, 3699-3717	2.1	8
34	Quality Assessment of Tire Shearography Images via Ensemble Hybrid Faster Region-Based ConvNets. <i>Electronics (Switzerland)</i> , 2020 , 9, 45	2.6	7
33	An Efficient Classification of Neonates Cry Using Extreme Gradient Boosting-Assisted Grouped-Support-Vector Network. <i>Journal of Healthcare Engineering</i> , 2021 , 2021, 7517313	3.7	6
32	An Efficient Hybrid Fuzzy-Clustering Driven 3D-Modeling of Magnetic Resonance Imagery for Enhanced Brain Tumor Diagnosis. <i>Electronics (Switzerland)</i> , 2020 , 9, 475	2.6	4
31	Improving the Classification of Alzheimer's Disease Using Hybrid Gene Selection Pipeline and Deep Learning. <i>Frontiers in Genetics</i> , 2021 , 12, 784814	4.5	4
30	Effective Classification of Major Depressive Disorder Patients Using Machine Learning Techniques. <i>Recent Patents on Computer Science</i> , 2019 , 12, 41-48	1	4
29	P2P-COVID-GAN. <i>International Journal of Data Warehousing and Mining</i> , 2021 , 17, 101-118	1	4
28	A Hybrid Framework for Intrusion Detection in Healthcare Systems Using Deep Learning.. <i>Frontiers in Public Health</i> , 2021 , 9, 824898	6	3
27	A Deep Convolutional Neural Network based Approach for Effective Neonatal cry Classification. <i>Recent Advances in Computer Science and Communications</i> , 2020 , 13,	0.6	3
26	Heart Disease Prediction System using Ensemble of Machine Learning Algorithms. <i>Recent Patents on Engineering</i> , 2021 , 15, 130-139	0.3	3
25	Fuzzy deep learning-based crop yield prediction model for sustainable agronomical frameworks. <i>Neural Computing and Applications</i> , 2021 , 33, 13205	4.8	3
24	Deep Learning Assisted Neonatal Cry Classification Support Vector Machine Models. <i>Frontiers in Public Health</i> , 2021 , 9, 670352	6	3
23	Hybrid Inception v3 XGBoost Model for Acute Lymphoblastic Leukemia Classification. <i>Computational and Mathematical Methods in Medicine</i> , 2021 , 2021, 1-10	2.8	3
22	Enhanced QoS Through Optimized Architecture for Video Streaming Applications in Heterogeneous Networks. <i>Wireless Personal Communications</i> , 2021 , 118, 1655-1673	1.9	3
21	Challenges in Storing and Processing Big Data Using Hadoop and Spark 2019 , 179-187		2
20	Improving cloud security by enhancing remote data integrity checking algorithm 2017 ,		2
19	Cardiac Arrhythmia Detection Using Ensemble of Machine Learning Algorithms. <i>Advances in Intelligent Systems and Computing</i> , 2020 , 475-487	0.4	2
18	Effective Mining Approach to Produce Quality Search Results Using Proposed Approach. <i>International Journal of Intelligent Engineering and Systems</i> , 2017 , 10, 435-443	1.6	2

17	Evaluating Deep Neural Network Architectures with Transfer Learning for Pneumonitis Diagnosis. <i>Computational and Mathematical Methods in Medicine</i> , 2021 , 2021, 8036304	2.8	2
16	Recent Advances in Evolving Computing Paradigms: Cloud, Edge, and Fog Technologies.. <i>Sensors</i> , 2021 , 22,	3.8	2
15	Enhanced diffie-hellman algorithm for reliable key exchange. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017 , 263, 042015	0.4	1
14	A novel and efficient key sharing technique for web applications 2013 ,		1
13	A centralized system to support health care in India using cloud 2017 ,		1
12	Deep Convolutional Neural Network based Feature Extraction with optimized Machine Learning Classifier in Infant Cry Classification 2020 ,		1
11	Low-Light Image Enhancement Based on Generative Adversarial Network.. <i>Frontiers in Genetics</i> , 2021 , 12, 799777	4.5	1
10	Performance Assessment of Certain Machine Learning Models for Predicting the Major Depressive Disorder among IT Professionals during Pandemic times. <i>Computational Intelligence and Neuroscience</i> , 2021 , 2021, 9950332	3	1
9	A Study on Virtual and Augmented Reality in Real-Time Surgery 2019 ,		1
8	Provision of Efficient Sentiment Analysis for Unstructured Data. <i>Advances in Intelligent Systems and Computing</i> , 2019 , 199-207	0.4	1
7	Role of M-CORD Computing Architecture for Over the Top (OTT) Services and Applications. <i>Learning and Analytics in Intelligent Systems</i> , 2021 , 75-86	0.3	1
6	Multimodal Medical Image Fusion of Positron Emission Tomography and Magnetic Resonance Imaging Using Generative Adversarial Networks.. <i>Behavioural Neurology</i> , 2022 , 2022, 6878783	3	1
5	Biometric Authentication for Intelligent and Privacy-Preserving Healthcare Systems.. <i>Journal of Healthcare Engineering</i> , 2022 , 2022, 1789996	3.7	0
4	ResMem-Net: memory based deep CNN for image memorability estimation. <i>PeerJ Computer Science</i> , 2021 , 7, e767	2.7	
3	Intelligent Phishing Detection System Using Feature Analysis. <i>Journal of Computational and Theoretical Nanoscience</i> , 2018 , 15, 2533-2538	0.3	
2	Robust design and validation of balanced tournaments via Hamiltonian path. <i>Journal of Information and Optimization Sciences</i> , 2018 , 39, 1783-1799	1.1	
1	A Multistage Heterogeneous Stacking Ensemble Model for Augmented Infant Cry Classification.. <i>Frontiers in Public Health</i> , 2022 , 10, 819865	6	