

# Durai Raj Vincent P M

## List of Publications by Year in Descending Order

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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	Biometric Authentication for Intelligent and Privacy-Preserving Healthcare Systems.. <i>Journal of Healthcare Engineering</i> , <b>2022</b> , 2022, 1789996	3.7	0
51	A Multistage Heterogeneous Stacking Ensemble Model for Augmented Infant Cry Classification.. <i>Frontiers in Public Health</i> , <b>2022</b> , 10, 819865	6	
50	Multimodal Medical Image Fusion of Positron Emission Tomography and Magnetic Resonance Imaging Using Generative Adversarial Networks.. <i>Behavioural Neurology</i> , <b>2022</b> , 2022, 6878783	3	1
49	A Hybrid Framework for Intrusion Detection in Healthcare Systems Using Deep Learning.. <i>Frontiers in Public Health</i> , <b>2021</b> , 9, 824898	6	3
48	ResMem-Net: memory based deep CNN for image memorability estimation. <i>PeerJ Computer Science</i> , <b>2021</b> , 7, e767	2.7	
47	Improving the Classification of Alzheimer's Disease Using Hybrid Gene Selection Pipeline and Deep Learning. <i>Frontiers in Genetics</i> , <b>2021</b> , 12, 784814	4.5	4
46	Low-Light Image Enhancement Based on Generative Adversarial Network.. <i>Frontiers in Genetics</i> , <b>2021</b> , 12, 799777	4.5	1
45	An Efficient Classification of Neonates Cry Using Extreme Gradient Boosting-Assisted Grouped-Support-Vector Network. <i>Journal of Healthcare Engineering</i> , <b>2021</b> , 2021, 7517313	3.7	6
44	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> , <b>2021</b> , 105056	7	10
43	P2P-COVID-GAN. <i>International Journal of Data Warehousing and Mining</i> , <b>2021</b> , 17, 101-118	1	4
42	Heart Disease Prediction System using Ensemble of Machine Learning Algorithms. <i>Recent Patents on Engineering</i> , <b>2021</b> , 15, 130-139	0.3	3
41	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> , <b>2021</b> , 2021, 9950332	3	1
40	Deep CNN and Deep GAN in Computational Visual Perception-Driven Image Analysis. <i>Complexity</i> , <b>2021</b> , 2021, 1-30	1.6	13
39	Fuzzy deep learning-based crop yield prediction model for sustainable agronomical frameworks. <i>Neural Computing and Applications</i> , <b>2021</b> , 33, 13205	4.8	3
38	Deep Learning Assisted Neonatal Cry Classification Support Vector Machine Models. <i>Frontiers in Public Health</i> , <b>2021</b> , 9, 670352	6	3
37	Hybrid Inception v3 XGBoost Model for Acute Lymphoblastic Leukemia Classification. <i>Computational and Mathematical Methods in Medicine</i> , <b>2021</b> , 2021, 1-10	2.8	3
36	A reinforced random forest model for enhanced crop yield prediction by integrating agrarian parameters. <i>Journal of Ambient Intelligence and Humanized Computing</i> , <b>2021</b> , 12, 10009-10022	3.7	8

35	Role of M-CORD Computing Architecture for Over the Top (OTT) Services and Applications. <i>Learning and Analytics in Intelligent Systems, 2021, 75-86</i>	0.3	1
34	Evaluating Deep Neural Network Architectures with Transfer Learning for Pneumonitis Diagnosis. <i>Computational and Mathematical Methods in Medicine, 2021, 2021, 8036304</i>	2.8	2
33	Enhanced QoS Through Optimized Architecture for Video Streaming Applications in Heterogeneous Networks. <i>Wireless Personal Communications, 2021, 118, 1655-1673</i>	1.9	3
32	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, 2021, 18, 3699-3717</i>	2.1	8
31	Recent Advances in Evolving Computing Paradigms: Cloud, Edge, and Fog Technologies.. <i>Sensors, 2021, 22,</i>	3.8	2
30	An Efficient Hybrid Fuzzy-Clustering Driven 3D-Modeling of Magnetic Resonance Imagery for Enhanced Brain Tumor Diagnosis. <i>Electronics (Switzerland), 2020, 9, 475</i>	2.6	4
29	. <i>IEEE Access, 2020, 8, 49509-49522</i>	3.5	12
28	Realizing an Integrated Multistage Support Vector Machine Model for Augmented Recognition of Unipolar Depression. <i>Electronics (Switzerland), 2020, 9, 647</i>	2.6	10
27	Deep Convolutional Neural Network based Feature Extraction with optimized Machine Learning Classifier in Infant Cry Classification <b>2020,</b>		1
26	. <i>IEEE Access, 2020, 8, 86886-86901</i>	3.5	50
25	A Deep Convolutional Neural Network based Approach for Effective Neonatal cry Classification. <i>Recent Advances in Computer Science and Communications, 2020, 13,</i>	0.6	3
24	Cardiac Arrhythmia Detection Using Ensemble of Machine Learning Algorithms. <i>Advances in Intelligent Systems and Computing, 2020, 475-487</i>	0.4	2
23	Quality Assessment of Tire Shearography Images via Ensemble Hybrid Faster Region-Based ConvNets. <i>Electronics (Switzerland), 2020, 9, 45</i>	2.6	7
22	Multiclass Model for Agriculture Development Using Multivariate Statistical Method. <i>IEEE Access, 2020, 8, 183749-183758</i>	3.5	24
21	Machine Learning Based Computational Gene Selection Models: A Survey, Performance Evaluation, Open Issues, and Future Research Directions. <i>Frontiers in Genetics, 2020, 11, 603808</i>	4.5	10
20	Reinforced XGBoost machine learning model for sustainable intelligent agrarian applications. <i>Journal of Intelligent and Fuzzy Systems, 2020, 39, 7605-7620</i>	1.6	8
19	A Hybrid CFS Filter and RF-RFE Wrapper-Based Feature Extraction for Enhanced Agricultural Crop Yield Prediction Modeling. <i>Agriculture (Switzerland), 2020, 10, 400</i>	3	12
18	Sensors Driven AI-Based Agriculture Recommendation Model for Assessing Land Suitability. <i>Sensors, 2019, 19,</i>	3.8	52

17	Challenges in Storing and Processing Big Data Using Hadoop and Spark <b>2019</b> , 179-187		2
16	An Efficient Ensemble VTOPES Multi-Criteria Decision-Making Model for Sustainable Sugarcane Farms. <i>Sustainability</i> , <b>2019</b> , 11, 4288	3.6	12
15	Effective Classification of Major Depressive Disorder Patients Using Machine Learning Techniques. <i>Recent Patents on Computer Science</i> , <b>2019</b> , 12, 41-48	1	4
14	A Study on Virtual and Augmented Reality in Real-Time Surgery <b>2019</b> ,		1
13	Emotion AI-Driven Sentiment Analysis: A Survey, Future Research Directions, and Open Issues. <i>Applied Sciences (Switzerland)</i> , <b>2019</b> , 9, 5462	2.6	22
12	Sensor-Assisted Weighted Average Ensemble Model for Detecting Major Depressive Disorder. <i>Sensors</i> , <b>2019</b> , 19,	3.8	11
11	Provision of Efficient Sentiment Analysis for Unstructured Data. <i>Advances in Intelligent Systems and Computing</i> , <b>2019</b> , 199-207	0.4	1
10	Intelligent Phishing Detection System Using Feature Analysis. <i>Journal of Computational and Theoretical Nanoscience</i> , <b>2018</b> , 15, 2533-2538	0.3	
9	Robust design and validation of balanced tournaments via Hamiltonian path. <i>Journal of Information and Optimization Sciences</i> , <b>2018</b> , 39, 1783-1799	1.1	
8	Forecasting yield by integrating agrarian factors and machine learning models: A survey. <i>Computers and Electronics in Agriculture</i> , <b>2018</b> , 155, 257-282	6.5	80
7	Enhanced diffie-hellman algorithm for reliable key exchange. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2017</b> , 263, 042015	0.4	1
6	Improving cloud security by enhancing remote data integrity checking algorithm <b>2017</b> ,		2
5	An IOT based human healthcare system using Arduino uno board <b>2017</b> ,		10
4	A centralized system to support health care in India using cloud <b>2017</b> ,		1
3	Effective Mining Approach to Produce Quality Search Results Using Proposed Approach. <i>International Journal of Intelligent Engineering and Systems</i> , <b>2017</b> , 10, 435-443	1.6	2
2	A novel and efficient key sharing technique for web applications <b>2013</b> ,		1
1	An algorithm to enhance security in RSA <b>2013</b> ,		16