

# Pradeep Kumar Mallick

## List of Publications by Year in descending order

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Version: 2024-02-01

48  
papers

1,436  
citations

623574

14  
h-index

360920

35  
g-index

50  
all docs

50  
docs citations

50  
times ranked

759  
citing authors

#	ARTICLE	IF	CITATIONS
1	Blockchain technology for security issues and challenges in IoT. <i>Procedia Computer Science</i> , 2018, 132, 1815-1823.	1.2	258
2	Brain MRI Image Classification for Cancer Detection Using Deep Wavelet Autoencoder-Based Deep Neural Network. <i>IEEE Access</i> , 2019, 7, 46278-46287.	2.6	190
3	EAGA-MLP – An Enhanced and Adaptive Hybrid Classification Model for Diabetes Diagnosis. <i>Sensors</i> , 2020, 20, 4036.	2.1	117
4	The Internet of Things: Insights into the building blocks, component interactions, and architecture layers. <i>Procedia Computer Science</i> , 2018, 132, 109-117.	1.2	113
5	Performance Evaluation of a Proposed Machine Learning Model for Chronic Disease Datasets Using an Integrated Attribute Evaluator and an Improved Decision Tree Classifier. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 8137.	1.3	84
6	Optimization of Skewed Data Using Sampling-Based Preprocessing Approach. <i>Frontiers in Public Health</i> , 2020, 8, 274.	1.3	76
7	Brain Tumor Classification Using Dense Efficient-Net. <i>Axioms</i> , 2022, 11, 34.	0.9	72
8	A sustainable IoT based computationally intelligent healthcare monitoring system for lung cancer risk detection. <i>Sustainable Cities and Society</i> , 2021, 72, 103079.	5.1	69
9	Digital media news categorization using Bernoulli document model for web content convergence. <i>Personal and Ubiquitous Computing</i> , 2023, 27, 1087-1102.	1.9	61
10	Application and evaluation of classification model to detect autistic spectrum disorders in children. <i>International Journal of Computer Applications in Technology</i> , 2021, 65, 368.	0.3	56
11	Breast cancer detection using an ensemble deep learning method. <i>Biomedical Signal Processing and Control</i> , 2021, 70, 103009.	3.5	45
12	Stacked KNN with hard voting predictive approach to assist hiring process in IT organizations. <i>International Journal of Electrical Engineering and Education</i> , 0, , 002072092198901.	0.4	42
13	Smart cities in India: Features, policies, current status, and challenges. , 2018, , .		41
14	Brain Tumour Classification Using Noble Deep Learning Approach with Parametric Optimization through Metaheuristics Approaches. <i>Computers</i> , 2022, 11, 10.	2.1	32
15	Hyperspectral Image Classification: Potentials, Challenges, and Future Directions. <i>Computational Intelligence and Neuroscience</i> , 2022, 2022, 1-36.	1.1	27
16	Analyzing MRI scans to detect glioblastoma tumor using hybrid deep belief networks. <i>Journal of Big Data</i> , 2020, 7, .	6.9	16
17	ADASYN and ABC-optimized RBF convergence network for classification of electroencephalograph signal. <i>Personal and Ubiquitous Computing</i> , 2023, 27, 1161-1177.	1.9	14
18	Convergent learning – based model for leukemia classification from gene expression. <i>Personal and Ubiquitous Computing</i> , 2023, 27, 1103-1110.	1.9	13

#	ARTICLE	IF	CITATIONS
19	Load Balancing in Cloud Computing: Survey. Lecture Notes in Electrical Engineering, 2020, , 99-111.	0.3	12
20	An image classification framework exploring the capabilities of extreme learning machines and artificial bee colony. Neural Computing and Applications, 2020, 32, 3079-3099.	3.2	11
21	Botanical Leaf Disease Detection and Classification Using Convolutional Neural Network: A Hybrid Metaheuristic Enabled Approach. Computers, 2022, 11, 82.	2.1	10
22	Prophesying the Short-Term Dynamics of the Crude Oil Future Price by Adopting the Survival of the Fittest Principle of Improved Grey Optimization and Extreme Learning Machine. Mathematics, 2022, 10, 1121.	1.1	7
23	Portfolio Optimization for US-Based Equity Instruments Using Monte-Carlo Simulation. Lecture Notes in Networks and Systems, 2022, , 691-701.	0.5	7
24	Intelligent technique for CT brain image segmentation. , 2015, , .		6
25	Intrusion Detection Systems (IDS)â€™An Overview with a Generalized Framework. Advances in Intelligent Systems and Computing, 2020, , 107-117.	0.5	6
26	A novel supervised gene clustering approach by mining interdependent gene patterns. International Journal of Pharma and Bio Sciences, 2016, 7, .	0.1	5
27	A Hybrid Approach for Simultaneous Gene Clustering and Gene Selection for Pattern Classification. Indian Journal of Science and Technology, 2016, 9, .	0.5	4
28	Functional Link Artificial Neural Network (FLANN) Based Design of a Conditional Branch Predictor. Advances in Intelligent Systems and Computing, 2019, , 131-152.	0.5	4
29	Computational Intelligence for Observation and Monitoring: A Case Study of Imbalanced Hyperspectral Image Data Classification. Computational Intelligence and Neuroscience, 2022, 2022, 1-23.	1.1	4
30	A Regression Approach Towards Climate Forecasting Analysis in India. Lecture Notes in Networks and Systems, 2022, , 457-465.	0.5	4
31	A comparative analysis of neuropathic and healthy EMG signal using PSD. , 2014, , .		3
32	A Survey on Image Enhancement Techniques Using Aesthetic Community. Advances in Intelligent Systems and Computing, 2018, , 585-596.	0.5	3
33	T Wave Analysis: Potential Marker of Arrhythmia and Ischemia Detection-A Review. Advances in Intelligent Systems and Computing, 2019, , 121-130.	0.5	3
34	A semi-supervised rough set and random forest approach for pattern classification of gene expression data. International Journal of Reasoning-based Intelligent Systems, 2016, 8, 155.	0.1	2
35	Empirical Study on Different Feature Selection and Classification Algorithms for Prediction of Hepatitis Disease. Studies in Computational Intelligence, 2021, , 75-86.	0.7	2
36	DRBF-DS: Double RBF Kernel-Based Deep Sampling with CNNs to Handle Complex Imbalanced Datasets. Arabian Journal for Science and Engineering, 0, , 1.	1.7	2

#	ARTICLE	IF	CITATIONS
37	Object tracking using parallel local colour histogram method. International Journal of Computational Vision and Robotics, 2010, 1, 363.	0.2	1
38	A semi-supervised rough set and random forest approach for pattern classification of gene expression data. International Journal of Reasoning-based Intelligent Systems, 2016, 8, 155.	0.1	1
39	An Accurate Automatic Traffic Signal Detector Using CNN Model. Advances in Intelligent Systems and Computing, 2021, , 99-108.	0.5	1
40	LGBM-Based Payment Date Prediction for Effective Financial Statement Management. Lecture Notes in Networks and Systems, 2022, , 445-455.	0.5	1
41	Supervised Learning Algorithms for Mobile Price Classification. Lecture Notes in Networks and Systems, 2022, , 653-666.	0.5	1
42	A Tuned Whale Optimization-Based Stacked-LSTM Network for Digital Image Segmentation. Arabian Journal for Science and Engineering, 0, , .	1.7	1
43	An Analytical Review of Different Approaches for Detection and Analysis of Electrocardiographic ST Segment. Advances in Intelligent Systems and Computing, 2019, , 39-51.	0.5	0
44	Machine learning aided switching scheme for hybrid FSO/RF transmission. Intelligent Decision Technologies, 2021, 14, 529-536.	0.6	0
45	An Analytical Study of the Role of M-IoT in Healthcare Domain. Intelligent Systems Reference Library, 2021, , 75-96.	1.0	0
46	A Comprehensive and Analytical Study of Smart Healthcare with IoT. Intelligent Systems Reference Library, 2022, , 43-63.	1.0	0
47	A Novel Fuzzy Logic Classifier for Classification and Quality Measurement of Apple Fruit. , 2017, , 604-621.		0
48	Sentiment Analysis and Evaluation of Movie Reviews Using Classifiers. Advances in Intelligent Systems and Computing, 2021, , 53-59.	0.5	0