Anuradha Chug

List of Publications by Year
in descending order

27 papers	331 citations	1307594 7 h-index	1058476 14 g-index
27 all docs	27 docs citations	27 times ranked	184 citing authors

#	Article	IF	Citations
1	Application of convolutional neural networks for evaluation of disease severity in tomato plant. Journal of Discrete Mathematical Sciences and Cryptography, 2020, 23, 273-282.	0.8	53
2	Software Maintainability: Systematic Literature Review and Current Trends. International Journal of Software Engineering and Knowledge Engineering, 2016, 26, 1221-1253.	0.8	45
3	Application of Group Method of Data Handling model for software maintainability prediction using object oriented systems. International Journal of Systems Assurance Engineering and Management, 2014, 5, 165-173.	2.4	31
4	Prediction Models for Identification and Diagnosis of Tomato Plant Diseases. , 2018, , .		26
5	Hybrid SVM-LR Classifier for Powdery Mildew Disease Prediction in Tomato Plant. , 2020, , .		23
6	Recent Advancements in Multimedia Big Data Computing for IoT Applications in Precision Agriculture: Opportunities, Issues, and Challenges. Intelligent Systems Reference Library, 2020, , 391-416.	1.2	21
7	Software maintainability prediction using an enhanced random forest algorithm. Journal of Discrete Mathematical Sciences and Cryptography, 2020, 23, 441-449.	0.8	17
8	A modified label propagation algorithm for community detection in attributed networks. International Journal of Information Management Data Insights, 2021, 1, 100030.	9.7	15
9	Sequencing of refactoring techniques by Greedy algorithm for maximizing maintainability. , 2016, , .		10
10	Dynamic metrics are superior than static metrics in maintainability prediction: An empirical case study. , 2015, , .		9
11	Benchmarking framework for class imbalance problem using novel sampling approach for big data. International Journal of Systems Assurance Engineering and Management, 2019, 10, 824-835.	2.4	9
12	An empirical investigation of evolutionary algorithm for software maintainability prediction. , 2016, , .		8
13	Prioritization of code restructuring for severely affected classes under release time constraints. , 2016, , .		8
14	Assessing Cross-Project Technique for Software Maintainability Prediction. Procedia Computer Science, 2020, 167, 656-665.	2.0	8
15	A machine learning-based spray prediction model for tomato powdery mildew disease. Indian Phytopathology, 2022, 75, 225-230.	1.2	7
16	Recent Advancements in Image-Based Prediction Models for Diagnosis of Plant Diseases. Advances in Intelligent Systems and Computing, 2020, , 365-377.	0.6	7
17	Application of Evolutionary Algorithms for Software Maintainability Prediction using Object-Oriented Metrics. , 2015, , .		7
18	Evaluation of Deep learning based Resnet-50 for Plant Disease Classification with Stability Analysis. , 2022, , .		6

#	Article	IF	Citations
19	Empirical Evaluation of Map Reduce Based Hybrid Approach for Problem of Imbalanced Classification in Big Data. International Journal of Grid and High Performance Computing, 2019, 11, 23-45.	0.9	4
20	Deep Learning Models for Crop Quality and Diseases Detection. Algorithms for Intelligent Systems, 2021, , 843-851.	0.6	4
21	Improving Software Maintainability Prediction Using Hyperparameter Tuning of Baseline Machine Learning Algorithms. Lecture Notes in Electrical Engineering, 2021, , 679-692.	0.4	3
22	Fractional mega trend diffusion function-based feature extraction for plant disease prediction. International Journal of Machine Learning and Cybernetics, 2023, 14, 187-212.	3.6	3
23	Application of AO* Algorithm in Recognizing the Optimum Refactoring sequence for examining the effect on Maintainability: An Empirical Study. , 2021, , .		2
24	An Optimized Extreme Learning Machine Algorithm for Improving Software Maintainability Prediction. , 2021, , .		2
25	A feature selection strategy for improving software maintainability prediction. Intelligent Data Analysis, 2022, 26, 311-344.	0.9	2
26	Deep Learning Models for Prediction of Tomato Powdery Mildew Disease. , 2021, , .		1
27	Investigate the Impact of Resampling Techniques on Imbalanced Datasets: A Case Study in Plant Disease Prediction. , 2021, , .		0