

# Anuradha Chug

## List of Publications by Year in descending order

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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	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
2	A machine learning-based spray prediction model for tomato powdery mildew disease. Indian Phytopathology, 2022, 75, 225-230.	1.2	7
3	A feature selection strategy for improving software maintainability prediction. Intelligent Data Analysis, 2022, 26, 311-344.	0.9	2
4	Evaluation of Deep learning based Resnet-50 for Plant Disease Classification with Stability Analysis. , 2022, , .		6
5	Application of AO* Algorithm in Recognizing the Optimum Refactoring sequence for examining the effect on Maintainability: An Empirical Study. , 2021, , .		2
6	Improving Software Maintainability Prediction Using Hyperparameter Tuning of Baseline Machine Learning Algorithms. Lecture Notes in Electrical Engineering, 2021, , 679-692.	0.4	3
7	An Optimized Extreme Learning Machine Algorithm for Improving Software Maintainability Prediction. , 2021, , .		2
8	Deep Learning Models for Crop Quality and Diseases Detection. Algorithms for Intelligent Systems, 2021, , 843-851.	0.6	4
9	A modified label propagation algorithm for community detection in attributed networks. International Journal of Information Management Data Insights, 2021, 1, 100030.	9.7	15
10	Deep Learning Models for Prediction of Tomato Powdery Mildew Disease. , 2021, , .		1
11	Investigate the Impact of Resampling Techniques on Imbalanced Datasets: A Case Study in Plant Disease Prediction. , 2021, , .		0
12	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
13	Software maintainability prediction using an enhanced random forest algorithm. Journal of Discrete Mathematical Sciences and Cryptography, 2020, 23, 441-449.	0.8	17
14	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
15	Assessing Cross-Project Technique for Software Maintainability Prediction. Procedia Computer Science, 2020, 167, 656-665.	2.0	8
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	Hybrid SVM-LR Classifier for Powdery Mildew Disease Prediction in Tomato Plant. , 2020, , .		23
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	Prediction Models for Identification and Diagnosis of Tomato Plant Diseases. , 2018, , .		26
21	An empirical investigation of evolutionary algorithm for software maintainability prediction. , 2016, , .		8
22	Sequencing of refactoring techniques by Greedy algorithm for maximizing maintainability. , 2016, , .		10
23	Software Maintainability: Systematic Literature Review and Current Trends. International Journal of Software Engineering and Knowledge Engineering, 2016, 26, 1221-1253.	0.8	45
24	Prioritization of code restructuring for severely affected classes under release time constraints. , 2016, , .		8
25	Dynamic metrics are superior than static metrics in maintainability prediction: An empirical case study. , 2015, , .		9
26	Application of Evolutionary Algorithms for Software Maintainability Prediction using Object-Oriented Metrics. , 2015, , .		7
27	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