Chandra Segar Thirumalai

List of Publications by Year
in descending order

48 papers	1,531 citations	1684188 5 h-index	1588992 8 g-index
48 all docs	48 docs citations	48 times ranked	790 citing authors

#	ARTICLE	IF	CITATIONS
1	Effective Heart Disease Prediction Using Hybrid Machine Learning Techniques. IEEE Access, 2019, 7, 81542-81554.	4.2	862
2	Suspicious activity detection using deep learning in secure assisted living IoT environments. Journal of Supercomputing, 2021, 77, 3242-3260.	3.6	60
3	An efficient public key secure scheme for cloud and IoT security. Computer Communications, 2020, 150, 634-643.	5.1	53
4	Memory efficient multi key (MEMK) generation scheme for secure transportation of sensitive data over cloud and IoT devices. , 2017, , .		44
5	Decision making system using machine learning and Pearson for heart attack. , 2017, , .		41
6	An assessment framework of intuitionistic fuzzy network for C2B decision making. , 2017, , .		36
7	Analysing the concrete compressive strength using Pearson and Spearman. , 2017, , .		36
8	Pell's RSA key generation and its security analysis. , 2013, , .		35
9	An assessment framework for Precipitation decision making using AHP. , 2017, , .		34
10	Heuristic prediction of rainfall using machine learning techniques. , 2017, , .		33
11	Analysis of cost estimation function for facebook web click data. , 2017, , .		27
12	Physicians medicament using linear public key crypto system. , 2016, , .		25
13	Evaluating software metrics of gaming applications using code counter tool for C and C++ (CCCC). , 2017, , .		25
14	Data analysis using box and whisker plot for lung cancer. , 2017, , .		25
15	Data analysis using box plot on electricity consumption. , 2017, , .		22
16	An assessment of halstead and COCOMO model for effort estimation. , 2017, , .		21
17	One-Dimension Force Balance System for Hypersonic Vehicle an experimental and Fuzzy Prediction Approach. Materials Today: Proceedings, 2018, 5, 13547-13555.	1.8	21
18	Software complexity analysis using halstead metrics. , 2017, , .		19

#	Article	IF	Citations
19	Heuristics prediction of olympic medals using machine learning. , 2017, , .		18
20	Analyzing the forest fire using correlation methods. , 2017, , .		18
21	Investigating the breast cancer tissue utilizing semi-supervised learning and similarity measure. , 2017, , .		14
22	Cost optimization using normal linear regression method for breast cancer Type I skin. , 2017, , .		12
23	Bike Sharing Prediction using Deep Neural Networks. International Journal on Informatics Visualization, 2017, 1, 83-87.	0.6	8
24	Nature inspired algorithm. , 2017, , .		5
25	Data analysis using box and whisker plot for stationary shop analysis. , 2017, , .		5
26	Modelling a side channel resistant CHAN-PKC cryptomata for medical data security. Multimedia Tools and Applications, 2019, 78, 25977-25997.	3.9	5
27	Data analysis using box plot and control chart for air quality. , 2017, , .		4
28	Pearson Correlation Coefficient Analysis (PCCA) on Adenoma carcinoma cancer. , 2017, , .		4
29	Analyzing correlation coefficient using software metrics. , 2017, , .		3
30	Prediction of diabetes disease using control chart and cost optimization-based decision. , 2017, , .		2
31	Analysis on diabetes patients using Pearson, cost optimization, control chart. , 2017, , .		2
32	Hybrid IT architecture by gene-based cryptomata (HITAGC) for lightweight security services. Service Oriented Computing and Applications, 2018, 12, 285-294.	1.6	2
33	Optimized machine learning model using Decision Tree for cancer prediction. , 2019, , .		2
34	Multi key distribution scheme by diophantine form for secure IoT communications. , 2017, , .		1
35	Examination of sea-surface temperature, salinity and water level predicted by coastal ocean models utilizing box-plot method. , 2017, , .		1
36	Prediction of benign and malignant tumor. , 2017, , .		1

#	Article	IF	Citations
37	Analysis of global warming in India over maximum temperature using Pearson and machine learning. , 2017, , .		1
38	Analyzing complexity nature inspired optimization algorithms using halstead metrics. , 2017, , .		1
39	Heart Disease Diagnosis using a Machine Learning Algorithm. , 2019, , .		1
40	Dimensionality reduction of a phishing attack using decision tree classifier. , 2019, , .		1
41	Classification of Heart Disease Using Cluster Based DT Learning. Journal of Computer Science, 2020, 16, 50-55.	0.6	1
42	An assessment framework of SIAM/ARAI fuel efficiency using semi-supervised and similarity methods. , 2017, , .		0
43	Evaluation of McCabe's cyclomatic complexity metrics for secured medical image. , 2017, , .		0
44	Analysis of age, astigmatic and tear protection rate in contact lenses selection. , 2017, , .		0
45	Analyzing user knowledge by Pearson and spearman method. , 2017, , .		0
46	Analyzing the linked list complexity using correlation methods. , 2017, , .		0
47	Analysis of LOC attributes using code analyzer and correlation methods. , 2017, , .		0
48	Prediction of Share Market using FIS. , 2019, , .		0