

S Appavu Alias Balamurugan

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/4367137/s-appavu-alias-balamurugan-publications-by-year.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

63

papers

1,177

citations

10

h-index

34

g-index

86

ext. papers

1,417

ext. citations

1.6

avg, IF

4.47

L-index

#	Paper	IF	Citations
63	Deep learning based fusion model for COVID-19 diagnosis and classification using computed tomography images.. <i>Concurrent Engineering Research and Applications</i> , 2022 , 30, 116-127	1.7	2
62	Analysis of Deep Learning Techniques for Tuberculosis Disease. <i>SN Computer Science</i> , 2021 , 2, 1	2	1
61	Enhanced petri nets for traceability of food management using internet of things. <i>Peer-to-Peer Networking and Applications</i> , 2021 , 14, 30-43	3.1	7
60	A Novel Software Package Selection Method Using Teaching Learning Based Optimization and Multiple Criteria Decision Making. <i>IEEE Transactions on Engineering Management</i> , 2021 , 68, 941-954	2.6	6
59	A predictive risk level classification of diabetic patients using deep learning modified neural network. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2021 , 12, 7703-7713	3.7	2
58	A Customized Metaheuristic Approaches for Improving Supplier Selection in Intelligent Decision Making. <i>IEEE Access</i> , 2021 , 9, 56228-56239	3.5	1
57	Identifying redundant features using unsupervised learning for high-dimensional data. <i>SN Applied Sciences</i> , 2020 , 2, 1	1.8	0
56	IDsMA: An integrated digital signature and mutual authentication mechanism for securing the cognitive radio networks. <i>International Journal of Communication Systems</i> , 2020 , 33, e4289	1.7	2
55	Multi label learning approaches for multi species avifaunal occurrence modelling: a case study of south eastern Tamil Nadu. <i>International Journal of Business Intelligence and Data Mining</i> , 2019 , 15, 449	0.3	1
54	An Efficient Feature Selection and Classification Using Optimal Radial Basis Function Neural Network. <i>International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems</i> , 2018 , 26, 695-715	0.8	4
53	The Future of India Creeping up in Building a Smart City: Intelligent Traffic Analysis Platform 2018 ,		1
52	Measurement of Open Flame Temperature of Nano Particle Additive Dispersed Diesel Using Digital Interferometry. <i>Combustion Science and Technology</i> , 2017 , 189, 1813-1831	1.5	0
51	A novel adaptive feature selector for supervised classification. <i>Information Processing Letters</i> , 2017 , 117, 25-34	0.8	9
50	Tracked Vehicle Performance Evaluation using Multi Body Dynamics. <i>Defence Science Journal</i> , 2017 , 67, 476	1.4	3
49	Multi Filtration Feature Selection (MFFS) to improve discriminatory ability in clinical data set. <i>Applied Computing and Informatics</i> , 2016 , 12, 117-127	4.2	21
48	A novel memetic algorithm for discovering knowledge in binary and multi class predictions based on support vector machine. <i>Applied Soft Computing Journal</i> , 2016 , 49, 407-422	7.5	8
47	Feature Selection for Supervised Learning via Dependency Analysis. <i>Journal of Computational and Theoretical Nanoscience</i> , 2016 , 13, 6885-6891	0.3	1

46	Stability of Cerium Zirconium Mixed Oxide Catalytic Nanoparticle in Diesel An Experimental Investigation. <i>Journal of Nanofluids</i> , 2016 , 5, 209-215	2.2	2
45	Optimal feature selection for classification using rough set-based CGA-NN classifier. <i>International Journal of Business Intelligence and Data Mining</i> , 2016 , 11, 357	0.3	2
44	Need, Application and Characteristics of Big Data Analytics in Healthcare-A Survey. <i>Indian Journal of Science and Technology</i> , 2016 , 9,	1	2
43	Developing a Modified Logistic Regression Model for Diabetes Mellitus and Identifying the Important Factors of Type II Dm. <i>Indian Journal of Science and Technology</i> , 2016 , 9,	1	7
42	Literature Review on Feature Selection Methods for High-Dimensional Data. <i>International Journal of Computer Applications</i> , 2016 , 136, 9-17	1.1	28
41	STUDY OF PREVALENCE AND PATTERN OF ANAEMIA IN HYPOTHYROIDISM. <i>Journal of Evolution of Medical and Dental Sciences</i> , 2016 , 5, 5654-5656	0.1	1
40	A Novel Feature Selection Technique for Improved Survivability Diagnosis of Breast Cancer. <i>Procedia Computer Science</i> , 2015 , 50, 16-23	1.6	18
39	An unsupervised feature selection algorithm with feature ranking for maximizing performance of the classifiers. <i>International Journal of Automation and Computing</i> , 2015 , 12, 511-517	3.5	10
38	An Empirical Study on Different Ranking Methods for Effective Data Classification. <i>Journal of Modern Applied Statistical Methods</i> , 2015 , 14, 35-52	0.3	1
37	An Intelligent Video Surveillance Framework with Big Data Management for Indian Road Traffic System. <i>International Journal of Computer Applications</i> , 2015 , 123, 12-19	1.1	3
36	Prediction of warning level in aircraft accidents using data mining techniques. <i>Aeronautical Journal</i> , 2014 , 118, 935-952	0.9	8
35	Detection of dechallenge in spontaneous reporting systems: a comparison of Bayes methods. <i>Indian Journal of Pharmacology</i> , 2014 , 46, 277-80	2.5	2
34	Multiple human tracking using 3D ellipsoidal model and SIR-Particle Filter technique 2014 ,		1
33	Evaluation of Feature Selection Method for Classification of Data Using Support Vector Machine Algorithm. <i>Advances in Intelligent Systems and Computing</i> , 2014 , 179-186	0.4	2
32	RF-SEA-Based Feature Selection for Data Classification in Medical Domain. <i>Advances in Intelligent Systems and Computing</i> , 2014 , 599-608	0.4	3
31	Predictive Data Mining Techniques for Forecasting Tamil Nadu Electricity Board (TNEB) Load Demand: An Empirical Study. <i>Advances in Intelligent Systems and Computing</i> , 2014 , 1241-1247	0.4	
30	An amalgam KNN to predict diabetes mellitus 2013 ,		24
29	Data mining approaches for aircraft accidents prediction: An empirical study on Turkey airline 2013 ,		3

28	Knowledging on Tamil Nadu electricity board (TNEB) and electricity load demand forecasting by Gaussian processes using real time data 2013 ,		1
27	Performance of different clustering methods and classification algorithms for prediction of warning level in aircraft accidents: An empirical study 2013 ,		1
26	An efficient feature selection paradigm using PCA-CFS-Shapley values ensemble applied to small medical data sets 2013 ,		2
25	Benchmark evaluation of classification methods for single label learning with R 2013 ,		1
24	A novel approach for effective web page classification. <i>International Journal of Data Mining, Modelling and Management</i> , 2013 , 5, 233	0.2	1
23	Performance Tuning of PCA by CFS-Shapley Ensemble and Its Application to Medical Diagnosis. <i>Lecture Notes in Computer Science</i> , 2013 , 53-59	0.9	1
22	Ranking Drugs in Spontaneous Reporting System by Naive Bayes. <i>Journal of Biological Sciences</i> , 2013 , 13, 293-297	0.4	
21	Towards higher accuracy in supervised learning and dimensionality reduction by attribute subset selection - A pragmatic analysis 2012 ,		3
20	A novel feature selection framework for automatic web page classification. <i>International Journal of Automation and Computing</i> , 2012 , 9, 442-448	3.5	19
19	Structural and computational studies of 2,5-diarylpena-2,4-dienitriles. <i>Journal of Molecular Structure</i> , 2011 , 995, 78-90	3.4	2
18	NB+: An improved Naïve Bayesian algorithm. <i>Knowledge-Based Systems</i> , 2011 , 24, 563-569	7.3	15
17	Bayes Theorem and Information Gain Based Feature Selection for Maximizing the Performance of Classifiers. <i>Communications in Computer and Information Science</i> , 2011 , 501-511	0.3	6
16	AVD [A New Classification Algorithm 2011 , 425-432		
15	Computational Study of Geometric Parameter Influence on Aggressive Inter-Turbine Duct Performance 2010 ,		4
14	Improving decision tree performance by exception handling. <i>International Journal of Automation and Computing</i> , 2010 , 7, 372-380	3.5	8
13	Effective and efficient feature selection for large-scale data using Bayes[Theorem. <i>International Journal of Automation and Computing</i> , 2009 , 6, 62-71	3.5	14
12	Knowledge-based system for text classification using ID6NB algorithm. <i>Knowledge-Based Systems</i> , 2009 , 22, 1-7	7.3	7
11	Data mining based intelligent analysis of threatening e-mail. <i>Knowledge-Based Systems</i> , 2009 , 22, 392-393	3.3	18

10	Effective solution for unhandled exception in decision tree induction algorithms. <i>Expert Systems With Applications</i> , 2009 , 36, 12113-12119	7.8	7
9	2,5-Diphenyl-penta-2,4-dienitrile. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009 , 65, o2953		1
8	Learning to Classify Threaten E-mail 2008 ,		1
7	Classification Methods in the Detection of New Suspicious Emails. <i>Journal of Information and Knowledge Management</i> , 2008 , 07, 209-217	0.9	2
6	Detection of e-mail concerning criminal activities using association rule-based decision tree. <i>International Journal of Electronic Security and Digital Forensics</i> , 2007 , 1, 131	1	0
5	Association Rule Mining for Suspicious Email Detection: A Data Mining Approach 2007 ,		6
4	Feature Selection for Knowledge Discovery and Data Mining 1998 ,		686
3	Feature selection algorithms: a survey and experimental evaluation		178
2	C5.0 Decision Tree Model using Tsallis Entropy and Association Function for General and Medical Dataset. <i>Intelligent Automation and Soft Computing</i> ,-1--1	2.6	2
1	In Vitro Antibacterial Activity of Eclipta alba (L.) Hassk. <i>International Letters of Natural Sciences</i> ,21, 28-34		1