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Sl.No	Publication Details	Year
1	Sivasankar, E., Krishnakumari, K. and Balasubramanian, P., 2020. An enhanced sentiment dictionary for domain adaptation with multi-domain dataset in Tamil language (ESD-DA). <i>Soft Computing</i> , pp.1-15.	2020
2	Sivasankar, E., Selvi, C. and Mahalakshmi, S., 2020. Rough set-based feature selection for credit risk prediction using weight-adjusted boosting ensemble method. <i>Soft Computing</i> , 24(6), pp.3975-3988.	2020
3	Krishnakumari, K., Sivasankar, E. and Radhakrishnan, S., 2020. Hyperparameter tuning in convolutional neural networks for domain adaptation in sentiment classification (HTCNN-DASC). <i>Soft Computing</i> , 24(5), pp.3511-3527.	2020
4	S. Sathyamoorthy and E. Sivasankar, "A Clustering-based Framework for Fast Training of Classifiers," 2020 International Conference on Innovative Trends in Information Technology (ICITIIT), Kottayam, India, 2020, pp. 1-6, doi: 10.1109/ICITIIT49094.2020.9071543.	2020
5	S. Shriram and E. Sivasankar, "Anomaly Detection on Shuttle data using Unsupervised Learning Techniques," 2019 International Conference on Computational Intelligence and Knowledge Economy (ICCIKE), Dubai, United Arab Emirates, 2019, pp. 221-225, doi: 10.1109/ICCIKE47802.2019.9004325.	2019
6	Sivasankar, E. and Vijaya, J., 2019. Hybrid PPFCM-ANN model: an efficient system for customer churn prediction through probabilistic possibilistic fuzzy clustering and artificial neural network. <i>Neural Computing and Applications</i> , 31(11), pp.7181-7200.	2019
7	Vijaya, J. and Sivasankar, E., 2019. An efficient system for customer churn prediction through particle swarm optimization based feature selection model with simulated annealing. <i>Cluster Computing</i> , 22(5), pp.10757-10768.	2019
8	Selvi, C. and Sivasankar, E., 2019. A novel optimization algorithm for recommender system using modified fuzzy c-means clustering approach. <i>Soft Computing</i> , 23(6), pp.1901-1916.	2019
9	Sivasankar, E., Pradeep, R. and Sivanandham, S., 2019. Identification of important biomarkers for detection of chronic kidney disease using feature selection and classification algorithms. <i>International Journal of Medical Engineering and Informatics</i> , 11(4), pp.368-385.	2019
10	Sivasankar, E. and Vijaya, J., 2019. A study of feature selection techniques for predicting customer retention in telecommunication sector. <i>International Journal of</i>	2019

	Business Information Systems, 31(1), pp.1-26.	
11	Singh, B.E.R. and Sivasankar, E., 2019. Enhancing Prediction Accuracy of Default of Credit Using Ensemble Techniques. In First International Conference on Artificial Intelligence and Cognitive Computing (pp. 427-436). Springer, Singapore.	2019
12	Vijaya, J., Sivasankar, E. and Gayathri, S., 2019. Fuzzy Clustering with Ensemble Classification Techniques to Improve the Customer Churn Prediction in Telecommunication Sector. In Recent Developments in Machine Learning and Data Analytics (pp. 261-274). Springer, Singapore.	2019
13	Avinash, M. and Sivasankar, E., 2019. A study of feature extraction techniques for sentiment analysis. In Emerging Technologies in Data Mining and Information Security (pp. 475-486). Springer, Singapore.	2019
14	Selvi, C. and Sivasankar, E., 2019. An efficient context-aware music recommendation based on emotion and time context. In Data Science and Big Data Analytics (pp. 215-228). Springer, Singapore.	2019
15	Selvi, C. and Sivasankar, E., 2018. A novel similarity measure towards effective recommendation using Matusita coefficient for Collaborative Filtering in a sparse dataset. <i>Sādhanā</i> , 43(12), p.202.	2018
16	Vijaya, J., Sivasankar, E. and Gayathri, S., 2018. Fuzzy Clustering with Ensemble Classification Techniques to Improve the Customer Churn Prediction. <i>Recent Developments in Machine Learning and Data Analytics: IC3 2018</i> , 740, p.261.	2018
17	Vijaya, J. and Sivasankar, E., 2018. Computing efficient features using rough set theory combined with ensemble classification techniques to improve the customer churn prediction in telecommunication sector. <i>Computing</i> , 100(8), pp.839-860.	2018
18	Selvi, C. and Sivasankar, E., 2018, January. A Novel Singularity Based Improved Tanimoto Similarity Measure for Effective Recommendation Using Collaborative Filtering. In 2018 8th International Conference on Cloud Computing, Data Science & Engineering (Confluence) (pp. 256-262). IEEE.	2018
19	Singh, B.E.R. and Sivasankar, E., 2018, January. Risk Analysis in Electronic Payments and Settlement System Using Dimensionality Reduction Techniques. In 2018 8th International Conference on Cloud Computing, Data Science & Engineering (Confluence) (pp. 14-19). IEEE.	2018
20	Selvi, C. and Sivasankar, E., 2019. A novel Adaptive Genetic Neural Network (AGNN) model for recommender systems using modified k-means clustering approach. <i>Multimedia Tools and Applications</i> , 78(11), pp.14303-14330.	2018
21	Vijaya, J. and Sivasankar, E., 2018. Improved Churn Prediction Based on Supervised and Unsupervised Hybrid Data Mining System. In <i>Information and Communication Technology for Sustainable Development</i> (pp. 485-499). Springer, Singapore.	2018
22	Ahuja, C. and Sivasankar, E., 2018. Cross-domain sentiment analysis employing different feature selection and classification techniques. In <i>Information and Communication Technology for Sustainable Development</i> (pp. 167-179). Springer, Singapore.	2018
23	Krishnakumari, K. and Sivasankar, E., 2018. Scalable Aspect-Based	2018

	Summarization in the Hadoop Environment. In Big Data Analytics (pp. 439-449). Springer, Singapore.	
24	Nithya, B., Mala, C. and Sivasankar, E., 2017. Channel status based sliding contention window (CS-SCW) algorithm: a fuzzy control approach for medium access in wireless networks. Soft Computing, 21(8), pp.1991-2004.	2017
25	Sivasankar, E., Selvi, C. and Mala, C., 2017. A study of dimensionality reduction techniques with machine learning methods for credit risk prediction. In Computational Intelligence in Data Mining (pp. 65-76). Springer, Singapore.	2017
26	Sivasankar, E. and Vijaya, J., 2017. Customer Segmentation by Various Clustering Approaches and Building an Effective Hybrid Learning System on Churn Prediction Dataset. In Computational Intelligence in Data Mining (pp. 181-191). Springer, Singapore.	2017
27	Raja, P.V., Sivasankar, E. and Pitchiah, R., 2015. Framework for smart health: Toward connected data from big data. In Intelligent Computing and Applications (pp. 423-433). Springer, New Delhi.	2015