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List of Publications (for the past 5 years)

1. N. Prakash, M. Rajalakshmi and R. Nedunchezian, "Analysis of QoS for Conveying Authorisation Based on Internet of Things (IoT) in Wireless Sensor Networks (WSN)," 2020 7th International Conference on Smart Structures and Systems(ICSSS),Chennai,India, 2020, pp. 1-9, doi: 10.1109/ICSSS49621.2020.9202338.
2. M. Nandhini, M. Rajalakshmi & S. N. Sivanandam (2020) Performance Analysis of Predictive Association Rule Classifiers using Healthcare Datasets, IETE Technical Review, DOI: [10.1080/02564602.2020.1827988](https://doi.org/10.1080/02564602.2020.1827988)
3. Deepa.M, Rajalakshmi.M & Nedunchezian R., Higher Order Neural Networks Based On Bio Inspired Swarm Intelligence Optimization Algorithm For Multi Modal Tumor Data Analysis", Biomedical Research, Special Issue, ISSN : 0970-938X , pp. S113 - S117, 2018.
4. A. Sudha Christina, M Rajalakshmi , K Sathya, "Web Based Crop Rotation Recommendation in Agrarian Society" in International Journal of Engineering Research and Technology, ISSN : 2278-0181, Vol : 5, No. : 17, pp. 1-5, Special issue - 2017.
5. Maha Vishnu, VC , Rajalakshmi M & Nedunchezian R, 2017, 'Intelligent traffic video surveillance and accident detection system with dynamic traffic signal control', Cluster Computing- The Journal of Networks, Software Tools and Applications, Springer USA. ISSN: 1386-7857 (Print) 1573-7543 (Online), 22 June 2017, DOI: 10.1007/s10586-017-0974-(Annexure I).
6. Nandhini M . Rajalakshmi M, Sivanandam S N "Experimental and Statistical Analysis on the Performance of Firefly based Predictive Association Rule Classifier for Health Care Data Diagnosis ", Control Engineering and Applied Informatics", ISSN : 1454-8658 , Vol.19, No.2 pp. 101-110, June 2017 (Impact Factor 0.449) , Annexure I, H-index : 7 , SNIP : 0.667, SJR : 0.234 [Science Citation Index Expanded](#), [Scopus](#)
7. Sathiyapriya. K, G.Sudha Sadhasivam, M.Rajalakshmi, K.Kowsalyaa, N.Dhivya, "Privacy Preserving Fuzzy Association Rule Mining in Data Clusters using Particle Swarm Optimization", International Journal of Intelligent Information Technologies, ISSN:1548-3657 Vol.13, No.2, 1-20, April-June 2017,SNIP : 0.634,SJR 0.24 (Impact Factor : 0.04, Annexure I)
8. Deepa.M, Rajalakshmi.M, Nedunchezian R., "Impact of Air Pollution on Respiratory Diseases: Correlation and Classification by Multivariate Data Analysis", Data-Enabled Discovery and Application (2017), Vol 1, No. 1, pp 1-11, Springer, DOI 10.1007/s41688-017-0004-z, 8th June 2017.
9. Sunil Sunny Chalakkal, M. Rajalakshmi and R. Vijayakumar, Distributed Weighted Fuzzy C-Means Clustering Method with Encoding Based Search Structure for Large Multidimensional Dynamic Indexes", World applied

Science Journal , ISSN : 18184952, 19916426 (Accepted for Publication) (Annexure II)

10. December 2016 SJR : 0.2. (Accepted) ISI Web of Knowledge; CABI; CSA; FSTA; DOAJ; e-journals Database; IndexCopernicus
11. Deepa.M, Rajalakshmi.M, Nedunchezian R., "A Subtractive Clustering Approach Based on Stacked Extreme Learning Machines for Brain Tumor Detection" in Computational Life Science And Smarter Technological Advancement in Bio Medical Research, ISSN 0970-938X, Vol. 28, No. 4, pp. 1-4 (Impact Factor : 0.226) , Annexure I, H Index, SNIP : 0.215, SJR: 0.162, Nov. 2016, [Google Scholar h5 index: 14](#)
12. Maha Vishnu V C, Rajalakshmi M, "Video Surveillance for Vehicle Classification using Hybrid SVM and Enhanced Ensemble Classifier", Asian Journal of Research in Social Sciences and Humanities, ISSN 2249- 7315 DOI NUMBER: 10.5958/ 2249-315.2016.00985.0, Vol. 6, Special Issue Sept 2016, pp. 595-620. (Updated List of Journals 2016) (Impact Factor : 4.557) Google Scholar
13. Maha Vishnu V.C, Rajalakshmi M., " Bio-motion visual analysis for minimizing the death rate of human life in accidents using road side video surveillance ", Special Issue -Computational Life Science and Smarter Technological Advancement in Biomedical Research, ISSN 0970-938X, pp. S257-S266, August 2016, Special Issue. (Impact Factor : 0.226) , Annexure I. SNIP : 0.215, SJR: 0.162, [Google Scholar h5 index: 14](#)
14. Deepa.M, Rajalakshmi.M., "Survey of Deep and Extreme Learning Machines for Big data Classification", Asian Journal of Research in Social Sciences and Humanities, Asian Research Consortium , ISSN 2249- 7315, DOI NUMBER: 10.5958/2249-7315.2016.00759.0 ,Vol. 6, No. 8, August 2016, pp. 2502-2512. (Updated List of Journals 2016) (Impact Factor : 4.557) Google Scholar
15. Sunil Sunny Chalakkal, M. Rajalakshmi and R. Vijayakumar, "An Effective Clustering method with Search Structure for Large Multidimensional Dynamic Indexes ", Advances In Natural And Applied Sciences Journal, ISSN: 1995-0772, AENSI Publication, Vol. 10, No. 8, pp. 75-85, July 2016. (Annexure II, SJR : 0.12) Google Scholar, Ulrich Periodicals, EBSCO HOST, CSA, CAB Abstract U.K.,DOAJ,ISC
16. Deepa.M, Rajalakshmi.M., " A Fuzzy Clustering Approach Based On Multilayer Extreme Learning Machine For Brain Tumor Detection And Classification", Advanced Engineering Technology , E-ISSN 0976-3945, Vol. VII/Issue I/Jan.-March,2016,pp.896-902 (Updated List of Journals 2016) (Impact Factor : 2.71)
17. MahaVishnu.V.C, Rajalakshmi, M. "Issues and Perspectives on Road Traffic Signal Control Systems and Methodologies" International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 10 No.82, 472-476, Nov. 2015 (Impact Factor : 1.35, Annexure II) SNIP : 0.26, SJR: 0.13. (SCOPUS, EBSCOhost, GOOGLE Scholar, JournalSeek, J-Gate, Index Copernicus IC Value 82.67)
18. Nandhini,M, Sivanandam, S.N, Rajalakshmi, "A Review on the Performance of Neural Network Classifier in Health Care Diagnostic System", Research Journal of Applied Sciences, Engineering and Technology, ISSN:(Online): 2040-7467ISSN (Print): 2040-7459, Vol. 11 No. 9, 994-1002, Nov. 2015. H Index: 10, SJR 0.16. (Impact Factor : 0.654, Annexure II), [Scopus](#), [DOAJ](#).
19. Nandhini, M, Sivanandam, S.N, Rajalakshmi, M, Sidheswaran, D., "Enhancing the Spam Email Classification Accuracy using Post Processing Techniques", International Journal of Applied Engineering Research, ISSN 0973-4562, Vol. 10, No. 15, pp. 35125 – 35130, Nov. 2015. (Impact Factor : 1.35, Annexure SNIP : 0.26, SJR : 0.13, (SCOPUS, EBSCOhostGOOGLE Scholar, JournalSeek, J-Gate, Index Copernicus IC Value 82.67)
20. Dhivya N , Mahavishnu, V.C., Rajalakshmi M., " Efficient traffic Analysis and Management System ", International Journal of Applied Engineering research, ISSN : 0973-4562, Vol. 10, No. 20, 17360-17366, June 2015. (Impact Factor : 1.35,Annexure II) SNIP : 0.26, SJR: 0.13(SCOPUS, EBSCOhost, GOOGLE Scholar, JournalSeek, J-Gate, Index Copernicus IC Value 82.67)

21. Amshakala, K, Nedunchezian, R, Rajalakshmi, M. “Extracting Functional Dependencies in Large Data Sets Using MapReduce Model “, International Journal of Intelligent Information Technologies, ISSN:1548-3657 Vol. 10, No. 3, 19-35, July-Sep. 2014, SNIP : 0.634 SJR 0.24 (Impact Factor : 0.04, Annexure II) (ACM Digital Library, Australian Business Deans Council (ABDC), Google Scholar, SCOPUS, INSPEC, Web of Science Emerging Sources Citation Index (ESCI))
22. Sherly K.K , Rajalakshmi, M., Nedunchezian, R., “ Iapi Quad-Filter: An Interactive and adaptive Partitioned Approach for Incremental Frequent Pattern Mining” , Journal of Theoretical and Applied Information Technology , ISSN 1992-8645, Vol 63 No. 1, 147 - 157, May 2014, (Impact Factor : 1.71, Annexure II) SNIP : 0.382 SJR 0.171 (DataBase systems and Logic Programming (DBLP), - EBSCO Publishing USA , Google & Google Scholar Journals, CiteSeerx , Elsevier SCOPUS).