

PROFILE



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Refereed Book Chapter

1. Rajalakshmi, M., Purusothaman and Pratheeba, S. "Collusion-Free Privacy Preserving Data Mining", in Insights into Advancements in Intelligent Information Technologies : Discoveries Chapter 15, IGI Publications, ISBN13: 9781466601581, DOI: 10.4018/978-1-4666-0158-1.ch015, pp. 269-284, February, 2012. (Book Chapter – Extended Paper) <https://www.igi-global.com/chapter/collusion-free-privacy-preserving-data/64381>
2. Sathiyapriya krishnamoorthy, Sudha Sadasivam, Rajalakshmi Nedunchezian ,”Performance Comparison of PSO and Hybrid PSO-GA in Hiding Fuzzy Sensitive Association Rules , Handbook of Research on Investigations in Artificial Life Research and Development by Maki Habib Chapter 9 (The American University in Cairo, Egypt), ISBN13: 9781522553960 [ISBN10: 1522553967] EISBN13: 9781522553977, DOI: 10.4018/978-1-5225-5396-0.ch009, June, 2018|Copyright: © 2018 |Pages: 175-198, <https://www.igi-global.com/chapter/performance-comparison-of-psy-and-hybrid-psy-ga-in-hiding-fuzzy-sensitive-association-rules/207204>

Journal Publications

1. N. Prakash, M. Rajalakshmi and R. Nedunchezian, “Optimized Energy Aware Routing Based on Suitable Based Antlion Group with Advanced Algorithm (SA-AOA) in Wireless Sensor Network”, Wireless Communications- An International Journal, Springer Science + Business Media, LLC, part of Springer Nature 2020, doi.org/10.1007/s11277-020-07178-5, 21-Jan-2020
2. 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.
3. 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.

4. 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/s10586-017-0974-5 (Annexure I).
5. 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
6. 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)
7. 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), ISSN: 2510-1161 (Online), Vol 1, No. 1, pp 1-11, Springer, DOI 10.1007/s41688-017-0004-z, 8th June 2017.
8. 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, Vol. 8, No.2, pp 57-65, 2017, 10.5829/idosi.weasj.2017.57.65 (Annexure II) SJR : 0.2. ISI Web of Knowledge; CABI; CSA; FSTA; DOAJ; e-journals Database; IndexCopernicus
9. 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
10. 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
11. Maha Vishnu V.C, Rajalakshmi M., "Road Side Video Surveillance in Traffic Scenes using Map-Reduce Framework for Accident Analysis", 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
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15. 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)
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19. 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))
20. 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)
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International Conference

1. A. Sudha Christina, M Rajalakshmi, K Sathya, Web Based Crop Rotation Recommendation in Agrarian Society, National Conference on Recent Trends in Information, Communication and Computing Technologies - RTICCT'17, pp. April 22, 2017.
2. Deepa.M, Rajalakshmi.M., R.Nedunchezian, “A bio Inspired Glowworm Swarm Optimization Algorithm with Functional Link Artificial Neural Network for Multimodal Cancer Data Analysis”, Proceedings of the International Conference on Data Science and Engineering – ICDSE 2017, pp. 6-10, January 21, 2017
3. Golden Nancy, Rajalakshmi, M. “Discovery of Clusters in Spatial Networks”, National Conference on Circuits, Networks, and Systems (NCCNS'16) at Coimbatore Institute of Technology, Coimbatore, April 2016.

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6. D.Balamurugan, Dr.M.Rajalakshmi, Dr.M.Sundarambal, S.Nithya, "Privacy Preserving of Data in Cloud Storage using Elliptic Curve Cryptography" , COMNET-2014, Computer Society of India, Coimbatore Chapter, pp. 18, Mar. 2014
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