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### **Last 5 years publication list:**

1. R. GeethaRamani, Lakshmi Balasubramian, "Retinal blood vessel segmentation employing image processing and data mining techniques for computerized retinal image analysis", Biocybernetics and Biomedical Engineering, published by Elsevier. Vol. 36, Issue 1, pp. 102-118 (2015).
2. R. GeethaRamani, Lakshmi Balasubramanian and AlaghuMeenal A., " A HYBRID CLASSIFICATION MODEL EMPLOYING GENETIC ALGORITHM AND ROOT GUIDED DECISION TREE FOR IMPROVED CATEGORIZATION OF DATA", ARPJ Journal of Engineering and Applied Sciences, published by Asian Research Publishing Network (ARPJ). Vol. 10, Issue 21, pp. 9968-9975 (2015).
3. R. GeethaRamani, Shomona Gracia Jacob, "HIV1-Human Protein-Protein Interaction Prediction (HHPIP) Methodology: An FP-Growth Based Association Rule Mining Approach", Current Bioinformatics, published by Bentham Science Publishers. Vol. 10, Issue 4, pp. 441-455 (2015).
4. R. GeethaRamani, Lakshmi Balasubramian, "Automatic segmentation of blood vessels from retinal fundus images through image processing and data mining techniques", Sadhana, published by Indian Academy of Sciences. Vol. 40, Issue 6, pp. 1715-1736 (2015).
5. R. GeethaRamani, K. Sivaselvi, "Centrality measure based classification of schizophrenia disorder from resting state functional magnetic resonance images", Advances in Natural and Applied Sciences., published by AENSI JOURNALS. Vol. 9, Issue 6, pp. 491-496 (2015).
6. R. GeethaRamani, Lakshmi Balasubramian, "Automatic retinal vessel segmentation through Gabor filtering, principal component analysis and ensemble of classifiers (C4.5 with bagging)", Advances in Natural and Applied Sciences, published by AENSI JOURNALS. Vol. 9, Issue 6, pp. 600-606 (2015).
7. R. GeethaRamani, S. Siva Sankari., "Automatic ontology construction through decision tree classification techniques", Advances in Natural and Applied Sciences., published by AENSI JOURNALS. Vol. 9, Issue 6, pp. 639-644 (2015). R. GeethaRamani, K. Sivaselvi, "Altered modular organization in schizophrenia patients and analysis using supervised association rule mining", Biocybernetics and Biomedical Engineering, published by Elsevier. Vol. 36, Issue 2, pp. 397-412 (2016).
8. GeethaRamani R, Shanthi S, " Learning Through Misclassified Instances Using Pipelined Voting Algorithm for Aggregated Feature Selection (P-VAAFS) in the Prediction of Road Accident Severity", Advances in Natural and Applied Sciences, Vol. 10, Issue 16, pp. 1-11 (2016).
9. GeethaRamani R, Shanthi S, " A Novel Approach to Analyze a Combination of I x J Categorical Data for Estimating Road Accident Risk", Asian Journal of Information Technology, published by Medwell Publications. Vol. 15, Issue 12, pp. 2005-2015 (2016).
10. R. GeethaRamani, Lakshmi Balasubramanian, "Retinal blood vessel segmentation employing image processing and data mining techniques for computerized retinal image analysis", Biocybernetics and Biomedical Engineering, published by Elsevier Urban & Partner Sp. z o.o.. Vol. 36, Issue 1, pp. 102-118 (2016).

11. R.GeethaRamani, K.Sivaselvi, "Altered modular organization in schizophrenia patients and analysis using supervised association rule mining", *Biocybernetics and Biomedical Engineering*, published by Elsevier. Vol. 36, Issue 2, pp. 397-412 (2016).
12. R.GeethaRamani, R. Keerthana, B. Lakshmi, "Detection of Pulmonary Nodules in Thoracic CT images using Image Processing and Data Mining Techniques", *International Journal of Computer Applications*, published by Foundation of Computer Science. Vol. 165, Issue 7, pp. 13-16 (2017).
13. R.GeethaRamani, K.Sivaselvi, "Region Role Detection in Autism Spectrum Disorder using Graph Theoretical Approaches", *International Journal of Scientific Research in Science, Engineering and Technology*, Vol. 3, Issue 6, pp. 413-427 (2017).
14. R. GeethaRamani, P. Nancy, ShomonaGracia Jacob, "Prediction of rescuable cancer mutants in p53 mutation network using centrality measures", *International Journal of Biomedical Engineering and Technology*, Vol. 25, Issue 2, pp. 310-325 (2017).
15. GeethaRamani R, P. Revathy, "Web Page Categorization through Data Mining Classification Techniques on URL Information", *International Journal of Scientific Research in Science, Engineering and Technology*, published by TechnoScience. Vol. 3, Issue 8, pp. 933-940 (2017).
16. R.GeethaRamani, K.Sivaselvi, "GLOBAL AND MODULAR REGION ROLE IDENTIFICATION IN FUNCTIONAL CONNECTIVE THRESHOLDED SCHIZOPHRENIA", *International Journal of Pure and Applied Mathematics*, published by ACADEMIC PUBLICATIONS, LTD. Vol. 117, Issue 16, pp. 437-450 (2017).
17. Nancy P, R Geetharamani, Shomona G Jacob, "Explorations on Influential node Identification and Gender Prediction in Dolphin Network through Social Network Analysis", *Asian Journal of Research in Social Sciences and Humanities*, published by Asian Research Consortium. Vol. 7, Issue 2, pp. 331-352 (2017).
18. R.GeethaRamani, R.SahayamaryJabarani, " Detection of Autism Spectrum Disorder and Typically Developing Brain from Structural Connectome through Feature Selection and Classification", *International Journal of Innovations & Advancement in Computer Science*, published by Academic Science. Vol. 6, Issue 8, pp. 304-313 (2017).
19. R.GeethaRamani, K.Sivaselvi, "AUTISM SPECTRUM DISORDER IDENTIFICATION USING DATA MINING TECHNIQUES", *International Journal of Pure and Applied Mathematics*, published by ACADEMIC PUBLICATIONS, LTD. Vol. 117, Issue 16, pp. 427-436 (2017).
20. R.GeethaRamani, K.Sivaselvi, " ASD Region Role Detection", *International Journal of Scientific Research in Science, Engineering and Technology*, published by Technoscience Academy. Vol. 3, Issue 6, pp. 413-427 (2017).
21. R.GeethaRamani, Sugirtharani S, Lakshmi B., "Automatic Detection of Glaucoma in Retinal Fundus Images through Image Processing and Data Mining Techniques", *International Journal of Computer Applications*, published by Foundation of Computer Science (FCS), NY, USA. Vol. 166, Issue 8, pp. 38-43 (2017).
22. R.GeethaRamani, K.Sivaselvi, "Automatic segmentation of pathological region (tumour and oedema) in high grade glioma multi-sequence MR images through voted prediction from pixel level feature sets", *International Journal of Internet Technology and Secured Transactions*, published by INDERSCIENCE PUBLISHERS. Vol. 8, Issue 4, pp. 553-572 (2018).
23. R. GeethaRamani, K. Priya, "Improvised emotion and genre detection for songs through signal processing and genetic algorithm", *Concurrency and Computation: Practice and Experience*, published by John Wiley & Sons, Ltd. pp. 1-8 (2018).

24. R. GeethaRamani, P. Revathy, B. Lakshmi, "Grouping of users based on user navigation behaviour using supervised association rule tree mining", International Journal of Reasoning-based Intelligent Systems, published by INDERSCIENCE PUBLISHERS. Vol. 2018, pp. pp.307 - 315 (2018).
25. GeethaRamani R, Lakshmi Balasubramanian, "Macula segmentation and fovea localization employing image processing and heuristic based clustering for automated retinal screening", Computer Methods and Programs in Biomedicine, published by Elsevier. Vol. 160, pp. 153-163 (2018).
26. R.GeethaRamani, P. Revathy, "Two-Class and Multi-Class Classification on User Grouping based on their Navigation Behaviour", International Journal of Scientific Research and Review, Vol. 7, Issue 3, pp. 3821-3828 (2019).
27. R.GeethaRamani, S. Suresh Kumar, "Nonvolatile kernel rootkit detection using cross-view clean boot in cloud computing", Concurrency and Computation: Practice and Experience, published by John Wiley & Sons, Ltd. pp. 1-11 (2019).
28. R.GeethaRamani, R.ChandraPrabha, "Segregation of waste and Identification of Hazardous gas concentration using Smart dustbin", International Journal of Scientific Research and Review, Vol. 8, Issue 3, pp. 730-734 (2019).
29. R.GeethaRamani, P. Revathy, B. Lakshmi, "Aggregated clustering for grouping of users based on web page navigation behaviour", International Journal of Reasoning-based Intelligent Systems, published by INDERSCIENCE PUBLISHERS. Vol. 11, Issue 2, pp. 161-169 (2019).