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**List of Journal Publications**

1. Sinivasamoorthi, K Thangarajan, R ,An Enhanced Model Based on Orthogonal Function and Geometric Regularities for Medical Image Compression Using Non-Subsampled Contourlet-Bandelet Transform,Journal of Medical Imaging and Health Informatics,10,1,21-29,**2020**, American Scientific Publishers
2. Ramalingam, M Thangarajan, R ,Mutated k-means algorithm for dynamic clustering to perform effective and intelligent broadcasting in medical surveillance using selective reliable broadcast protocol in VANET,Computer Communications,150,,563-568,**2020**,Elsevier
3. Diana Andrushia A., Thangarajan R., (**2019**), “RTS-ELM: an approach for saliency-directed image segmentation with Ripplet transform”, <https://doi.org/10.1007/s10044-019-00800>, Springer Nature.
4. Shenbagavalli P, Thangarajan R, (**2018**), “Aiding the Digital Mammogram for Detecting the Breast Cancer Using Shearlet Transform and Neural Network”, Asian Pacific Journal of Cancer Prevention, 19 (9), 2665-2671
5. Pyingkodi M, Thangarajan R (**2018**), “Informative Gene Selection for Cancer Classification with Microarray Data Using a Metaheuristic Framework”, Asian Pacific Journal of Cancer Prevention, 19 (2), pp. 561-564.
6. N.Senthilkumar, andR.Thangarajan. (**2017**). “Functional Brain correlates of risk for major depression in children and young adults.” International Journal of Engineering Technologies and Management Research, 4(11), 25-35. DOI: 10.5281/zenodo.1065338
7. R. Thangarajan, A. Archuda, (**2017**) “Advanced Heuristics for Selecting Friends in Social Internet of Things” Wireless Personal Communications, Springer (Online version).
8. K. Lalitha, R. Thangarajan, Siba K. Udgata, C. Poongodi, Ambika Prasad Sahu, (**2017**), “GCCR: An Efficient Grid Based Clustering and Combinational Routing in Wireless Sensor Networks”, Wireless Personal Communications, Springer, Vol. 97, Issue 1, pp.1075-1095.
9. AD Andrushia, R Thangarajan (**2017**), “An Efficient Visual Saliency Detection Model based on Ripplet transform”, Sadhana, pp. 1-15.

10. M Ramalingam, R Thangarajan(2017)., “Weight Value Based Clustering for Dissemination of Emergency Message with Selective Reliable Broadcasting in VANETs”, Asian Journal of Research in Social Sciences and Humanities., Vol 7, Issue 1, Pp. 492-500
11. R Thangarajan, PCD Kalaivaani (2016), “Enhancing the Classification Accuracy in Sentiment Analysis using Joint Sentiment Topic Detection with Naïve-Bayes Classifier”, Asian Journal of Research in Social Sciences and Humanities, Vol. 6, Issue 12, pp. 105-116.
12. M Ramalingam, R Thangarajan(2016)., “A Study of Broadcasting Protocols and its Performance in VANETs”, International Journal of Emerging Engineering Research and Technology, Vo. 4, issue 3, Pp. 1-10.
13. PCD Kalaivaani, R Thangarajan (2016), “Using Joint Sentiment Topic Detection with Bigrams to improve the classification in Weakly Supervised Sentiment Analysis”, International Journal of New Innovations in Engineering and Technology Vol. 4, Issue 3, pp. 74-80.
14. K. Lalitha, R. Thangarajan and S. Ponni, (2016), “Multi-Objective Clustering Technique with Polar Coordinates and Delivery Guarantees in Wireless Sensor Networks”, International Journal of Printing, Packaging & Allied Sciences, Vol. 4, No. 1, pp 344-351
15. K. Lalitha, R. Thangarajan and S. Ponni, (2016), “Multi-Objective Clustering Technique with Guaranteed delivery in Wireless Sensor Networks”, International Journal of Innovations in Engineering and Technology (IJIET), Volume 7 Issue 2 August 2016
16. G Sangeeth Kumar, R Thangarajan, K Lalitha(2015)., “Optimal clustering architecture to maximize sensor network lifetime”, Advances in Natural and Applied Sciences., Vol.9, Issue 6, Pp. 645-651.
17. G Sangeeth Kumar, R Thangarajan(2015)., “Improving packet delivery ratio for WSN in dead end topology mechanism”, International Journal of Advanced Research Trends in Engineering and Technology (IJARTET), vol. 2, special issue VIII.
18. AD Andrushia, R Thangarajan (2015), “Visual attention-based leukocyte image segmentation using extreme learning machine”, International Journal of Advanced Intelligence Paradigms 7 (2), 172-186

### **List of Conference Publications**

1. M. Mythili, R. Thangarajan, N. Krishnamoorthy, (2019), "Classification of Signal of Interest vs. Background Processes in High Energy Physics using Deep Neural Networks", Proceedings of 2nd International Conference on Emerging Trends in Computing and Expert Technology, COMET 2K19.
2. A Diana Andrushia, R Thangarajan., (2017).,"Contrast enhancement scheme for visual saliency detection", International Conference on Signal Processing and Communication (ICSPC), 2017 , Pages. 79-83, IEEE.
3. A Diana Andrushia, R Thangarajan (2017)., Center bias enhanced visual saliency detection method, Fourth International Conference on Signal Processing, Communication and Networking (ICSCN), 2017 , Pages 1-4, IEEE.
4. K Lalitha, V Manju Barkavi, R Thangarajan, K Sree Preethi (2016), "Program length based estimated facts assembly with minimal information loss in Wireless sensor networks", 3rd International Conference on Advanced Computing and Communication Systems (ICACCS), 2016, Vol, 1, Pages.1-6, IEEE.
5. A Diana Andrushia, R Thangarajan(2015), "Top down scene context based visual attention model for natural images", 2nd International Conference on Electronics and Communication Systems (ICECS), 2015, Pages 563-567, IEEE.
6. R Thangarajan, T Siva, R Boopalachakaravarthy(2015), "Adaptive energy efficient routing protocol with extended lifetime in underwater sensor networks" International Conference on Communication Systems and Network Technologies (CSNT), 2013., pp 322-326, IEEE publisher.
7. R Sathya, R Thangarajan.(2015), "Efficient anomaly detection and mitigation in software defined networking environment"., 2nd International Conference on Electronics and Communication Systems (ICECS), 2015., pp 479-484, IEEE publisher.