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### List of Publications

1. Hybrid Swarm Intelligence-Based Biclustering Approach for Recommendation of Web Pages, R Rathipriya, K Thangavel, Emerging Research on Swarm Intelligence and Algorithm Optimization, 161-180, 2015
2. Identification of protein sequence motifs using modified and adaptive fuzzy C-means granular models, M Chitralegha, K Thangavel, International Journal of Bioinformatics Research and Applications, vol 12, 281-298, 2016
3. A Novel Fuzzy Rough Clustering Parameter-based missing value imputation, PS Raja, K Sasirekha, K Thangavel, Neural Computing and Applications, 1-18, 2019
4. Biometric face classification with the hybridised rough neural network, K Sasirekha, K Thangavel, International Journal of Biometrics 12 (2), 193-217, 2020
5. Shared Neighbor Clustering Approach based on Affinity Propagation, A Jenneth, K Thangavel International Journal of Applied Engineering Research 11 (7), 4874-4877, 2016
6. Dimensionality Reduction based on Hubness Property using Feature Weighting Method for Clustering, A Jenneth, K Thangavel, Indian Journal of Science and Technology, 2016
7. Greedy Algorithm using K-Means to Identify Similar Documents based on Granular Computing KTA Jenneth, K Thangavel, International Journal for Trends in Engineering & Technology 15 (1), 7, 2016
8. Ranking Algorithm for Documents using Clustering, A Jenneth, K Thangavel, International Journal of Computer Science and Information Security 14 (9), 527, 2016
9. Metaheuristic optimization algorithms based feature selection for fingerprint image classification, KT Mithuna, K Sasirekha, K Thangavel, Proceedings of the International Conference on Intelligent Computing Systems, 2017
10. A Novel Biometric Image Enhancement Approach With the Hybridization of Undecimated Wavelet Transform and Deep Autoencoder, K Sasirekha, K Thangavel, Handbook of Research on Machine and Deep Learning Applications for Cyber Security, 245-269, 2020
11. A novel approach for outlier detection using rough entropy, EN Sathishkumar, K Thangavel WSEAS Trans. Comput 14, 296-306, 2015

12. Contrast enhancement of digital mammograms using a novel walking ant histogram equalisation, AK Mohideen, K Thangavel, International Journal of Computational Vision and Robotics 5 (2), 181-201,2015
13. Iris Recognition using Invariant Moment Features Based on Haar Wavelet Decomposition T Arjunan, K Thangavel, K Sasirekha, History 12 (30), 54-59,2015
14. Profiling of Artificial Breathalyzer to early diagnosis of Non-communicable Diseases, DAP Daniel, K Thangavel, International Conference on Innovations in Information, Embedded and and Communication Systems (ICIIECS), 1-6, 2015
15. A novel feature extraction algorithm from fingerprint image in wavelet domain, K Sasirekha, K Thangavel, Computational Intelligence, Cyber Security and Computational Models, 135-143,2016
16. Breathomics for gastric cancer classification using back-propagation neural network, DAP Daniel, K Thangavel, Journal of medical signals and sensors 6 (3), 172,2016
17. Soft clustering based missing value imputation, PS Raja, K Thangavel, Annual convention of the computer society of India, 119-133,2016
18. Optimization of K-nearest neighbor using particle swarm optimization for face recognition, K Sasirekha, K Thangavel, Neural Computing and Applications 31 (11), 7935-7944,2019
19. Fractional diffusion equation-based image denoising model using CN–GL scheme, A Abirami, P Prakash, K Thangavel, International Journal of Computer Mathematics 95 (6-7), 1222-1239,2018.
20. Missing value imputation using unsupervised machine learning techniques, PS Raja, K Thangavel, Soft Computing 24 (6), 4361-4392,2020.