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**5 Years Journal Publications:**

1. S Chitrakala “Twitter data analysis” Modern Technologies for Big Data Classification and Clustering, 124-151, 2018
2. R Priyatharshini, S Chitrakala “An efficient coronary disease diagnosis system using dual-phase multi-objective optimization and embedded feature selection” 2019
3. K Anbarasan, S Chitrakala “Clustering-based color image segmentation using local maxima”, International Journal of Intelligent Information Technologies (IJIIT) 14 2018
4. A Kalaivani, S Chitrakala “An optimal multi-level backward feature subset selection for object recognition”, IETE Journal of Research 65 (4), 460-472, 2019
5. K Akila, S Chitrakala “An efficient method to resolve intraclass variability using highly refined HOG description model for human action recognition”, CONCURRENCY AND COMPUTATION-PRACTICE & EXPERIENCE 31 (12), 2019
6. K Akila, S Chitrakala,”Highly refined human action recognition model to handle intraclass variability & interclass similarity” Multimedia Tools and Applications 78 (15), 20877-20894, 2019

7. P Kumaran, S Chitrakala “Social influence determination on big data streams in an online social network”, *Multimedia Tools and Applications* 76 (21), 22133-22167, 2017
8. R Priyatharshini, S Chitrakala “An active contour model based multi objective optimization technique for coronary calcium scoring”, *Journal of Medical Imaging and Health Informatics* 6 (7), 1657-1662, 2016
9. P Kumaran, S Chitrakala, “Information Diffusion in Online Social Net-work: Techniques, Applications and Challenges”, *Computation and Communication Technologies*, 121, 2016
- 10.T Subetha, S Chitrakala “Human activity recognition based on interaction modelling” *International Journal of Data Mining, Modelling and Management* 11 (2), 167-188, 2019
- 11.N Moratanch, S Chitrakala “A Novel Framework for Semantic Oriented Abstractive Text Summarization” *Journal of Web Engineering* 17 (8), 675-716, 2018
- 12.R Priyatharshini, S Chitrakala “Automatic Detection and Quantification of Calcium Objects from Clinical Images for Risk Level Assessment of Coronary Disease” *Advances in Soft Computing and Machine Learning in Image Processing*, 213-225, 2018
- 13.K Anbarasan, S Chitrakala “A Multi-Label Image Annotation With Multi-Level Tagging System”, *Developments and Trends in Intelligent Technologies and Smart Systems*, 28-47, 2018
- 14.R Khilar, S Chitrakala “A Novel Method for Effective Vehicle Detection and Tracking Eliminating Occlusion”, *Asian Journal of Research in Social Sciences and Humanities* 6 (cs1), 714-727, 2016