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- 1. Sreeja, K.A., Kumar, S.S., Pradeep, A., Automated Detection of Retinal Hemorrhage Based on Supervised Classifiers and Implementation in Hardware (2021) Smart Innovation, Systems and Technologies, 182, pp. 57-67.
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- 4. Dinu, A.J., Ganesan, R., Kumar, S.S., Evaluating the performance metrics of different machine learning classifiers by combined feature extraction method in Alzheimer's disease detection (2019) International Journal of Emerging Trends in Engineering Research, 7 (11), pp. 652-658.
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- 6. Anshad, P.Y.M., Kumar, S.S., Shahudheen, S., Segmentation of chondroblastoma from medical images using modified region growing algorithm (2019) Cluster Computing, 22, pp. 13437-13444.
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- 8. Devapal, D., Kumar, S.S., Sethunadh, R., Discontinuity adaptive SAR image despeckling using curvelet-based BM3D technique (2019) International Journal of Wavelets, Multiresolution and Information Processing, 17 (3), art. no. 1950016, .
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- 12. Binu Sathiya, S., Kumar, S.S., Comparison of skin lesion segmentation methods (2019) Journal of Advanced Research in Dynamical and Control Systems, 11 (4 Special Issue), pp. 102-111.

- 13. Nithila, E.E., Kumar, S.S., Segmentation of lung from CT using various active contour models (2019) Biomedical Signal Processing and Control, 47, pp. 57-62.
- 14. John, K., Kumar, V.R.S., Kumar, S.S., Design of conditional pulse enhancement flip-flop embedded with clock gating and signal feed-through mechanism (2019) Journal of Engineering Science and Technology, 14 (4), pp. 2000-2012.
- 15. Binu Sathiya, S., Kumar, S.S., Prabin, A., A novel method for melanoma classification using fuzzy based HKSVM (2019) Journal of Advanced Research in Dynamical and Control Systems, 11 (6 Special Issue), pp. 1578-1593.
- 16. Anisha, M., Kumar, S.S., Benisha, M., Performance comparison of MeRMaId-ICA and Np-ICA in composite abdominal electrocardiogram separation (2019) International Journal of Biomedical Engineering and Technology, 30 (3), pp. 195-211.
- 17. John, K., Vinod Kumar, R.S., Kumar, S.S., Performance Comparison of Explicit Pulsed Flip-Flops in Low Power and High-Speed Applications (2018) 2018 International Conference on Circuits and Systems in Digital Enterprise Technology, ICCSDET 2018,.
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- 34. Senthil Lekha, S.L., Kumar, S.S., Land cover change analysis of Kanyakumari district using sensor images in GIS environment (2015) International Journal of Applied Engineering Research, 10 (70), pp. 279-287.
- 35. Muhammed Anshad, P.Y., Kumar, S.S., Segmentation of chondroblastoma based on active contour and level set method (2015) Indian Journal of Science and Technology, 8 (24), art. no. IPL0344,
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