1. Kiruthika, S. and Masilamani, V., 2021. Goal oriented image quality assessment. IET IMAGE PROCESSING.

2. Joshi, P., Vedhanayagam, M. and Ramesh, R., 2021. An Ensembled SVM Based Approach for Predicting Adverse Drug Reactions. Current Bioinformatics, 16(3), pp.422-432.

3. Shaik, A. and Masilamani, V., 2021. A novel digital watermarking scheme using dragonfly optimizer in transform domain. Computers & Electrical Engineering, 90, p.106923.

4. Mantripragada, A.S., Teja, S.P., Katasani, R.R., Joshi, P., Masilamani, V. and Ramesh, R., 2021. Prediction of adverse drug reactions using drug convolutional neural networks. Journal of Bioinformatics and Computational Biology, pp.2050046-2050046.

5. Kiruthika, S. and Masilamani, V., 2019, December. A Machine Learning Algorithm for No Reference Image Quality Assessment using Non-Subsampled Contourlet and Curvelet Transform. In 2019 IEEE Conference on Information and Communication Technology (pp. 1-4). IEEE.

6. De, K. and Masilamani, V., 2018. A no-reference image quality measure for blurred and compressed images using sparsity features. Cognitive Computation, 10(6), pp.980-990.

7. De, K. and Masilamani, V., 2018. No-reference Image Quality Measure for Images with Multiple Distortions using Random Forests for Multi Method Fusion. Image Analysis & Stereology, 37(2), pp.105-117.

8. Manikandan, V.M. and Masilamani, V., 2018. Reversible data hiding scheme during encryption using machine learning. Procedia computer science, 133, pp.348-356.

9. Shaik, A. and Masilamani, V., 2021. A novel multi-purpose watermarking scheme using multiple watermarks. International Journal of Computer Aided Engineering and Technology, 15(1), pp.88-103.

10. Manikandan, V.M. and Masilamani, V., 2019, September. An improved reversible data hiding scheme through novel encryption. In 2019 Conference on Next Generation Computing Applications (NextComp) (pp. 1-5). IEEE.

11. Manikandan, V.M. and Masilamani, V., 2019, July. A Novel Entropy-based Reversible Data Hiding during Encryption. In 2019 IEEE 1st International Conference on Energy, Systems and Information Processing (ICESIP) (pp. 1-6). IEEE.

12. Shaik, A. and Masilamani, V., 2019, July. A Robust SLIC Segmentation Based Zero Watermarking Scheme Using DWT And Partial Pivoting LU Decomposition. In 2019 IEEE 1st International Conference on Energy, Systems and Information Processing (ICESIP) (pp. 1-5). IEEE.

13. Joshi, P., KS, R.R., Masilamani, V., Alike, J., Suresh, K. and Kumaresh, K., 2019, July. Optic disc localization using interference map and localized segmentation. In 2019 IEEE 1st International Conference on Energy, Systems and Information Processing (ICESIP) (pp. 1-4). IEEE.

14. Manikandan, V.M. and Masilamani, V., 2018, December. A Novel Machine Learning Approach to Prevent Illegal Distribution of Screen Captured Videos. In 2018 IEEE International Conference on the Science of Electrical Engineering in Israel (ICSEE) (pp. 1-5). IEEE.

15. Manikandan, V.M. and Masilamani, V., 2018. Histogram shifting-based blind watermarking scheme for copyright protection in 5G. Computers & Electrical Engineering, 72, pp.614-630.

16. Sk, A. and Masilamani, V., 2018. A novel digital watermarking scheme for data authentication and copyright protection in 5G networks. Computers & Electrical Engineering, 72, pp.589-605. De, K. and Masilamani, V., 2018. No-reference image quality measure for images with multiple distortions using random forests for multi method fusion. Image Analysis & Stereology, 37(2), pp.105-117.

17. De, K. and Masilamani, V., 2018. No-reference image sharpness measure using discrete cosine transform statistics and multivariate adaptive regression splines for robotic applications. Procedia computer science, 133, pp.268-275.

18. Vijaysri, L., Manikandan, V.M. and Masilamani, V., 2018. Principal Component Analysis Based Paralytic Attack Detection Using a New Distance Measure. Procedia computer science, 133, pp.306-314.

19. Shaik, A. and Masilamani, V., 2018. Zero-watermarking in transform domain and Quadtree decomposition for under water images captured by robot. Procedia computer science, 133, pp.385-392.

20. De, K. and Masilamani, V., 2017. No-reference image contrast measure using image statistics and random forest. Multimedia Tools and Applications, 76(18), pp.18641-18656.

21. De, K. and Masilamani, V., 2017. Image quality assessment for blurred images using nonsubsampled contourlet transform features. Journal of Computers, 12(2), pp.156-164.

22. Manikandan, V.M. and Masilamani, V., 2016, December. A context dependent fragile watermarking scheme for tamper detection from demosaicked color images. In Proceedings of the tenth indian conference on computer vision, graphics and image processing (pp. 1-8).

23. De, K. and Masilamani, V., 2016, September. Fast no-reference image sharpness measure for blurred images in discrete cosine transform domain. In 2016 IEEE Students' Technology Symposium (TechSym) (pp. 256-261). IEEE.

24. De, K. and Masilamani, V., 2016. Discrete orthogonal moments based framework for assessing blurriness of camera captured document images. In Proceedings of the 3rd International Symposium on Big Data and Cloud Computing Challenges (ISBCC–16') (pp. 227-236). Springer, Cham.

25. Manikandan, V.M. and Masilamani, V., 2016. Real-time scene change detection and entropy based semi-fragile watermarking scheme for surveillance video authentication. In Proceedings of the 3rd International Symposium on Big Data and Cloud Computing Challenges (ISBCC–16') (pp. 101-110). Springer, Cham.

26. Manikandan, V.M. and Masilamani, V., 2016. An efficient visually meaningful image encryption using Arnold transform. In 2016 IEEE Students' Technology Symposium (TechSym) (pp. 266-271). IEEE.

27. Shaik, A. and Masilamani, V., 2016. Secure Video Watermarking Technique Using Cohen-Daubechies-Feauveau Wavelet and Gollman Cascade Filtered Feedback Carry Shift Register (F-FCSR). In Proceedings of the 3rd International Symposium on Big Data and Cloud Computing Challenges (ISBCC–16') (pp. 111-118). Springer, Cham.

28. Julie, J., Babujee, J.B. and Masilamani, V., 2016, December. Dissecting power of certain matrix languages. In International Conference on Theoretical Computer Science and Discrete Mathematics (pp. 98-105). Springer, Cham.