1. Jyothi Prasanth, D.R., Dhalia Sweetlin, J. and Sruthi, S., 2022. Exploring Human Emotions for Depression Detection from Twitter Data by Reducing Misclassification Rate. In Proceedings of International Conference on Computational Intelligence (pp. 127-135). Springer, Singapore.

2. Jayakumaran, C. and Sweetlin, J.D., 2020, October. An Optimized Neural Network with Inertia Weight Variation of PSO for the detection of Autism. In 2020 International Conference on Smart Technologies in Computing, Electrical and Electronics (ICSTCEE) (pp. 439-445). IEEE.

3. Johnson, D.S., Johnson, D.L.L., Elavarasan, P. and Karunanithi, A., 2020, March. Feature selection using flower pollination optimization to diagnose lung cancer from ct images. In Future of Information and Communication Conference (pp. 604-620). Springer, Cham.

4. Sweetlin, J.D., Nehemiah, H.K. and Kannan, A., 2019. Computer aided diagnosis of drug sensitive pulmonary tuberculosis with cavities, consolidations and nodular manifestations on lung CT images. International Journal of Bio-Inspired Computation, 13(2), pp.71-85.

5. Sweetlin, J.D., Nehemiah, H.K. and Kannan, A., 2018. Computer aided diagnosis of pulmonary hamartoma from CT scan images using ant colony optimization based feature selection. Alexandria engineering journal, 57(3), pp.1557-1567.

6. Subha, R., Aravind, J., Santhalingam, V. and Sweetlin, J.D., 2018, March. Drowsy Driving Detection System by Analyzing and Classifying Brain Waves. In 2018 Second International Conference on Electronics, Communication and Aerospace Technology (ICECA) (pp. 667-672). IEEE.

7. Aravind, J. and Sweetlin, J.D., 2017, November. Nutrient facts analysis using supervised learning approaches. In 2017 Conference on Information and Communication Technology (CICT) (pp. 1-6). IEEE.

8. Shanmugapriya, M., Nehemiah, H.K., Bhuvaneswaran, R.S., Arputharaj, K. and Sweetlin, J.D., 2017. Fuzzy Discretization based Classification of Medical

Data. Research Journal of Applied Sciences, Engineering and Technology, 14(8), pp.291-298.

9. Kaviya, K., Roshini, C., Vaidhehi, V. and Sweetlin, J.D., 2017, August. Sentiment analysis for restaurant rating. In 2017 IEEE International Conference on Smart Technologies and Management for Computing, Communication, Controls, Energy and Materials (ICSTM) (pp. 140-145). IEEE.

10. Sweetlin, J.D., Nehemiah, H.K. and Kannan, A., 2017. Feature selection using ant colony optimization with tandem-run recruitment to diagnose bronchitis from CT scan images. Computer methods and programs in biomedicine, 145, pp.115-125.