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1. **T. Arumuga Maria Devi,** Syed Nizamudeen Ahmed, Mohamed Sathik, Krishnan Nallaperumal, Senthamarai Kannan, Parasuraman Kumar, 2021, "Deep Learning Technique for detecting and analyzing 2 COVID-19 using chest CT images", Turkish Journal of Electrical Engineering & Computer Sciences.

2. **T Arumuga Maria Devi,** 2021, "HabitualDetection and Measurement of Human Blood Cells on Hyperspectral Imagery for Convolutional Neural Network", Annals of the Romanian Society for Cell Biology, pp. 15670-15681.

3. **T Arumuga Maria Devi**, D Muthukumar, P Darwin, R Hepzibai, Saji KS, 2021, "Power Quality Analysis in Electrical Circuit on Hyperspectral Data Processing", Annals of the Romanian Society for Cell Biology, pp. 15651-15669.

4. **T Arumuga Maria Devi,** VI Mebin Jose, 2021, "Three Stream Network Model for Lung Cancer Classification in the CT Images", Open Computer Science, vol. 11, pp. 251-261.

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6. P. Thanga Selvi, **T. Arumuga Maria Devi**, 2020, "Feature Extraction and Classification of Blood Cell on Medical Hyperspectral Imagery for Multi-Graph Convolution Neural Network", Solid state technology, vol. 63.

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8. D. Muthukumar, **T. Arumuga Maria Devi**, 2019, "Visualization on Bio Electrical Signals through MRI, CT and HSI Analysis in Normal Conditions of Human Body", International Journal of New Technologies in Science and Engineering, vol. 6, pp. 22-30.

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11. **T. Arumuga Maria Devi**, D.Muthukumar, 2018, "Performance Comparison on Various Bio Electrical Signals of MRI, CT and HSI in Human Abnormal conditions using Hyperspectral Signal Analysis based 3D Visualization", International Journal for Research in Engineering Application and Management, vol. 4.

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13. Subha Kumar, T. Arumuga Maria Devi, 2018, "Diagnosis of Breast Cancer on Decision Tree Modeling with R Packages", International Journal of Research Publications, vol. 4.

14. **T Arumuga Maria Devi**, D Muthukumar, P Kumar, 2017, "Signal Analysis of Various Filters for Voltage and Current Level Measurement in Series or Parallel RLC Resonant circuits on Hyper Spectral Data Magnification", International Journal of Advanced Scientific Technologies, Engineering and Management Sciences (IJASTEMS), vol. 3.