***IEEE MATLAB-IMAGE PROCESSING TITLES -2022***

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| **Bio-Medical** | | |
| TPBIO 1 | SRIS: Saliency-Based Region Detection and Image Segmentation of  COVID-19 Infected Cases | |
| TPBIO 2 | Automatic Segmentation Algorithm of Ultrasound Heart Image Based  on Convolutional Neural Network and Image Saliency | |
| TPBIO 3 | MRI and CT Medical Image Fusion Based on Synchronized-Anisotropic  Diffusion Model | |
| TPBIO 4 | Novel Feature Selection and Voting Classifier Algorithms for COVID19 Classification in CT Images | |
| TPBIO 5 | New Technique for Diagnosis of Dental Caries on the Children’s First  Permanent Molar | |
| TPBIO 6 | Inf-Net: Automatic COVID-19 Lung Infection Segmentation From CT  Images | |
| TPBIO 7 | Novel Feature Selection and Voting Classifier Algorithms for COVID19 Classification in CT Images | |
| TPBIO 8 | Real-Time Maintaining of Social Distance in Covid19 Environment  using Image Processing and Big Data | |
| **Implementation** | | |
| TPBOIO 9 | Patient safety system using heart beat and temperature monitoring. |
| TPBIO 10 | Implementation of gesture Based communication System For Paralytic/Disabled People | |
| TP BIO 11 | Android based wireless Biomedical Monitoring System | |
| TPBIO 12 | Design and Development of a Prototype Electrotherapy Device | |
| TPBIO 13 | IOT Health care system | |
| TPBIO 14 | DIY Ventilator using Arduino with Blood Oxygen Sensing For Covid Pandemic | |
| TPBIO 15 | IOT Temperature Mask Scan Entry System | |
| TPBIO 16 | Fog Based Dry Handwash Machine | |
| TPBIO 17 | IOT Wheelchair Fall Detector & Alert | |
| TPBIO 18 | A Real-Time Cardiac Monitoring using a Multisensory Smart IoT System | |
| TPBIO 19 | IOT Heart Attack Detection & Heart Rate Monitor | |
| TPBIO 20 | Android Controlled Robotic Arm | |
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