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Area of Interest: Image and Signal Processing

**Publication Details:**

1. **Dr Vetrivelan P** An Energy Efficient Scheme for Real-Time Transmissions Using Mobile Coordinated Wireless Sensor Network Design and Analysis of Security Protocol for Communication,2020
2. **Dr.P.Vetrivelan** ,Image Denoising using Wavelet Based Contourlet Transform ,Journal of Electrical Engineering ,Volume-9,2019
3. **Dr.P.Vetrivelan** ,Deepa M, Yazhisaikumar K, Sriram VAC, Muthukumar M, Kumarasamy G Patient Monitoring System using IoT International Journal of Advanced Research in Electronics and Communication Engineering Volume-8, Issue-3 2019.
4. **Dr.P.Vetrivelan** Atchay Jahanath S, Srinidhi S, ,Yamini P,,**Venkatesh** ,Dual Band Microstrip Antenna for Wi-Fi Applications ,International Journal of Engineering Research & Technology ,Volume-7, Issue-4 ,2018
5. **Dr.P.Vetrivelan** Ajay Sankaran,Anusha G,Senthilnathan S, Sivaraj M, Venkatesh D A Triband Antenna for Smart Wearable Devices International Journal for Research in Applied Science & Engineering Technology (JRASET) Volume-6, Issue-5,2018.
6. **Dr.P.Vetrivelan** M Jayasanthi, Vaisnavee B K Predictive Analysis of Diabetic Retinopathy Applied Engineering Research Volume-13, Issue-13 2018
7. Udayakumar E, Santhi S, **Vetrivelan P** TB screening using SVM and CBC techniques Current Pediatric Research & Allied Academies Volume-21, Issue-2 2017.
8. **Vetrivelan P** A study on Neural Network based Brain Tumour Segmentation Innovative Applications in Engineering and Technology (IAIET) 2017
9. **Vetrivelan P** An Investigation of Bayes Algorithm and Neural Networks for Identifying the Breast Cancer Indian Journal of Medical and Paediatric Oncology & Medknow Publications,2017
10. Udayakumar. E, Gowrishankar. R, **Vetrivelan. P** Design of Smart Surveillance Security System Based on Wireless Sensor Network International Journal of Research Studies in Science, Engineering and Technology & Sryahwa Publications Volume-4, Issue-5 2017
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12. **Vetrivelan. P**, A Kandaswamy Neural Network Classifier based Blurred and De-Blurred Image Classification for Bio Medical Application Perspectivas em Ciencia da Informacao Volume-17, Issue-6 2017
13. **Vetrivelan .P Reba Paul Sam, Uma Maheswari Govindaswamy** Antenna selection and adaptive power allocation for IA-based underlay CR IET Signal Propcessing Volume-11, Issue-6 2017
14. **Vetrivelan .P Reba Paul Sam, Uma Maheswari Govindaswamy** Multiple Antenna Selection for Underlay Cognitive Radio Systems with Interference Constraint Wireless Personal Communication - Springer 2017
15. **Vetrivelan .P M. Jothibas, S. Boopathy** A Fast Cloud Based Pervasive Method of Cart Billing System for Supermarket Using Real Time Technology International Journal of Advanced Research in Computer Science Volume-8, Issue-3 2017
16. **Vetrivelan .P** Image Denoising using wavelet based contourlet transform International Journal of Advanced Research in Computer Science Volume-65, Issue-10 2017.