

## Dr.V.R.Vijayakumar publications

1. **A compacted triple band antenna design for GSM, Wi-Fi and WiMAX communication schemes for information computation system** 2020  
International Journal of Business Information Systems 34 (1), 40-58
2. **Robust secure communication protocol for smart healthcare system with FPGA implementation** 2019  
Future Generation Computer Systems 100, 938-951
3. **A Deep Learning RCNN Approach for Vehicle Recognition in Traffic Surveillance System** 2019  
2019 International Conference on Communication and Signal Processing (ICCSP ...
4. **Automatic Moving Vehicle Detection and Classification Based on Artificial Neural Fuzzy Inference System** 2018  
Wireless Personal Communications 100 (3), 745-766
5. **Background subtraction algorithm and image skeletonization based anomaly event detection for low resolution video** 2017  
2017 Fourth International Conference on Signal Processing, Communication and ...
6. **Histogram shifting based reversible data hiding with controlled contrast enhancement** 2017  
2017 Third International Conference on Biosignals, Images and ...
7. **Implementation of  $2^n - 2^k - 1$  Modulo Adder Based RFID Mutual Authentication Protocol** 2017  
IEEE TRANSACTIONS ON INDUSTRIAL ELECTRONICS-Early Access (DOI: 10.1109/TIE ...
8. **A novel lightweight and low power tag-reader mutual authentication protocol for portable RFID based security systems** 2016  
2016 IEEE Industrial Electronics and Applications Conference (IEACon), 360-365
9. **Adaptive impulse detection based selective window median filter for removal of random-valued impulse noise in digital images** 2016  
COMPEL-The international journal for computation and mathematics in ...
10. **VLSI Architecture of Switching Median Filter for Salt and Pepper Noise Removal.** 2016  
IAENG International Journal of Computer Science 43 (1)
11. **Adaptive Window Based Multi Stage Impulse Noise Detection for Removal of Random Valued Impulse Noise in Digital Images** 2016  
Asian Journal of Information Technology 15 (3), 635-638
12. **Rail defect detection using Gabor filters with texture analysis** 2015  
IEEE Xplore