Dr.S. Anand Publication List

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INTERNATIONAL JOURNALS

1. RCS reduction using a wideband dual logarithmic step patch PRRM in microstrip patch antenna, Anand Swaminathan, JPG Jeyaraj, Microwave and Optical Technology Letters (2020)

2. Method of multi-region tumour segmentation in brain MRI images using grid-based segmentation and weighted bee swarm optimisation, A Mano, S Anand, IET Image Processing 14 (12), 2901-2910 (2020)

3. Gaussian modulated hyperbolic tangent high pass filter for edge detection in noisy images, S Anand, G Sangeethapriya,arXiv preprint arXiv:2005.11432 (2020)

4. Fuzzy based Edge Enhancement using Wavelets and Energy Operator, S Anand, GS Priya, arXiv preprint arXiv:2005.07305, (2020)

5. Wavelet adaptive quantization based color image segmentation,A Swaminathan, KV Subramaniyan, TechRxiv, (2020)

6. Dynamic enhanced proximity coupling technique for antennas,S Anand, P Palniladevi,International Journal of Wireless and Mobile Computing 18 (3), 233-241.(2020)

7. Low profile high gain circular SIW antenna for L and S band applications, PE Navamani, A Swaminathan, Microwave and Optical Technology Letters,(2019)

8. A double line SIW cavity backed antenna for WLAN applications,S Anand, D Rokhini International Journal of RF and Microwave Computer-Aided Engineering, e21861, (2019)

9. Substrate integrated waveguide cavity-backed log-periodic slot antenna for Ku and K band applications,PE Navamani, A Swaminathan, International Journal of RF and Microwave Computer-Aided Engineering 28 (2018).

10. An efficient reflective polarization rotation meta surface for broadband RCS reduction,JPG Jeyaraj, A Swaminathan,International Journal of RF and Microwave Computer-Aided Engineering 28 (2018)

11. Broadband RCS reduction in microstrip patch antenna using L-shape stepped polarization rotation reflective surface,JPG Jeyaraj, A Swaminathan,International Journal of RF and Microwave Computer-Aided Engineering (2018)

12. Secured and compound 3-D chaos image encryption using hybrid mutation and crossover operator,R Premkumar, S Anand,Multimedia Tools and Applications (2018).

13. Angled Split-Ring Artificial Magnetic Conductor for Gain Enhancement in Microstrip Patch Antenna for Wireless Applications,JPG Jeyaraj, A Swaminathan,Wireless Personal Communications 101 (3), 1221–1232,(2018).