List of publication in past 5years

TITLE	YEAR
RCS reduction using a wideband dual logarithmic step patch PRRM in microstrip patch antenna A Swaminathan, JPG Jeyaraj Microwave and Optical Technology Letters	2020
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
Gaussian modulated hyperbolic tangent high pass filter for edge detection in noisy images S Anand, G Sangeethapriya arXiv preprint arXiv:2005.11432	2020
Fuzzy based Edge Enhancement using Wavelets and Energy Operator S Anand, GS Priya arXiv preprint arXiv:2005.07305	2020
Wavelet adaptive quantization based color image segmentation A Swaminathan, KV Subramaniyan TechRxiv	2020
Analysis of Auto Zeroing Amplifier S Anand, S Porkodi arXiv preprint arXiv:2005.00484	2020
Analysis of Specific Absorption Rate on Six Layer Human Head Model A Swaminathan TechRxiv	2020
Edge Detection using Stationary Wavelet Transform, HMM, and EM algorithm S Anand, K Nagajothi, K Nithya arXiv preprint arXiv:2004.11296	2020
Enhancement of Particle Image Velocimetry Images S Anand, R Poovitha, K Nikhila arXiv preprint arXiv:2004.10498	2020
Fuzzy Logic based Improvement in Discrete Wavelet Transform Edge Representation in Images. doc A Swaminathan	2020

TITLE	YEAR
TechRxiv	
Edge detection Using Combination of Decomposition Filter and Simplified Hyperbolic Tangent Filter. docx A Swaminathan TechRxiv	2020
Dynamic enhanced proximity coupling technique for antennas S Anand, P Palniladevi International Journal of Wireless and Mobile Computing 18 (3), 233-241	2020
Contrast Enhancement of Mammograms and Microcalcification Detection S Anand, J Murugachandravel, K Valarmathi, A Mano, N Kavitha International Journal of Recent Technology and Engineering (IJRTE) 8 (4 …	2019
GSO based weight Optimized Artificial Neural Network with Modified Active Contour for Brain Tumor Segmentation A Mano, S Anand Tierärztliche Praxis 39 (11), 184-204	2019
Wavelet-Based Automated DNA Sizing of Fragments through AFM Image Processing S Anand, B Lakshmanan, J Murugachandravel, K Valarmathi, A Mano, ... International Journal of Engineering and Advanced Technology (IJEAT) 8 (5 …	2019
Stain Removal through Color Normalization of Haematoxylin and Eosin Images : A Review B Lakshmanan, S Anand, T Jenitha International Conference on Recent Engineering Technology 2019	2019
Low profile high gain circular SIW antenna for L and S band applications PE Navamani, A Swaminathan Microwave and Optical Technology Letters	2019
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
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 (9 …	2018
An efficient reflective polarization rotation meta surface for broadband RCS	2018

TITLE	YEAR
reduction JPG Jeyaraj, A Swaminathan International Journal of RF and Microwave Computer-Aided Engineering 28 (7 …	
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 28 (7 …	2018
Secured and compound 3-D chaos image encryption using hybrid mutation and crossover operator R Premkumar, S Anand Multimedia Tools and Applications	2018
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
Visual Improvement of Breast Histopathology Images using Color Transfer Techniques S Anand, G Sangeethapriya International Journal of Advanced Research in Electronics and Communication …	2018
A light weight Encryption Algorithm for Web of Things S Prem kumar, Anand Third International Conference on Recent Trends in Engineering and Technology	2018
Asymmetric Image Encryption scheme using high speed diffusion and confusion P kumar, S Anand Third International Conference on Recent Trends in Engineering and Technology	2018
A Dual Polarized Dual Band Antenna With Omni Directional Radiation Patterns With Modified Loops S Anand, Baby, Keerthana, Nivetha International Journal for Science and Advance Research in Technology (IJSART …	2018
Raspberry based Fire and Spark Detection from video sequences' Anand, D Lakshmi, Abinaya, H Preethi 8th international Conference on Engineering and Advancement in	2018

TITLE	YEAR
Technology 2018	
Segmentation of LAMINA CRIBROS - A Perspective Approach A Mano, S Anand, M Asha International Conference on Modern Trends in Engineering Research	2018
MR Brain Image Multilevel Segmentation and Performance Analysis A Mano, S Anand, Sridevi International Coference on Modern Trends in Engineering Research	2018
Image Sensor Based Fire Detection using Raspberry PI S Anand, D Lakshmi, Abinaya, H Preeth IJSRD - International Journal for Scientific Research & Development 6 (1 …	2018
Substrate Integrated Waveguide Cavity-Backed Ku-Band Slot Antennas With Shorting VIAS S Anand, Palanichamy, JP Ebenezer International Journal for Science and Advance Research in Technology (IJSART …	2018
A Hybrid Chaos Approach for Image Encryption using CTIC Map G Kavinmozhi, R Premkumar, S Anand, S Robinson 2018 International Conference on Current Trends towards Converging …	2018
An Efficient Wavelet Transform based Steganography Technique using Chaotic Map R Latha, R Premkumar, S Anand 2018 International Conference on Current Trends towards Converging …	2018
MR Brain Image Multilevel Segmentation using K Means and Particle Swarm Optimization A Mano, Anand, Sridevi National Conference on Modern Trends in Engineering Research	2018
Visual Improvement of Histopathology Images using Enhancement Techniques S Anand, G Sangeethapriya IRJET, ISSN, 2395-0056	2018
Wavelet Based Image Enhancement using Two Stage Adaptive Histogram Equalization Murugachandravel, Anand International Journal of Pure and Applied Mathematics 118 (8), 539-544	2018
A Technical survey on Image Contrast Enhancement Techniques using Histogram Equalization method	2017

TITLE	YEAR
Valarmathi, S Anand Pak. Journal Biotechnology 14 (Special), 348-352	
A Novel Selective Image Encryption Algorithm Based On Chaotic System Using Substitution Method S Sindhuja, Premkumar, Anand International Conference on Applied Sciences and Technology (ICAST -17)	2017
Chaos-Based Genetic Operators for Securing Medical Image Sivakami, Premkumar, Anand International Conference on Applied Sciences and Technology (ICAST -17)	2017
An Image Encryption Scheme using Multiple Chaotic Maps Sudha, Premkumar, Anand International Conference on Applied Sciences and Technology (ICAST -17)	2017
FPGA Based Forest Fire Detection using Neural Network S Anand, K Manjari 2nd International Conference on Recent Trends in Engineering and Technology	2017
An efficient method based on crossover operator for image encryption M Sivagami, R Premkumar, S Anand 2017 International Conference on Innovations in Information, Embedded and …	2017
Analysis of synthetic aperture radar image enhancement algorithm S Anand, AK Kavya Inventive Communication and Computational Technologies (ICICCT), 2017 …	2017
Speckle Removal in Transrectal Ultrasound Images of Prostate Murugachandravel, S Anand National Conference on Innovations in Engineering, Science & Technology	2017
Bounded Box Based Selective Medical Image Encryption Algorithm for Security Application Sindhuja, Premkumar, S Anand International Conference on Innovations in Information, Embedded and …	2017
Multi-Chaos Techniques Based Image Encryption for Medical Image Applications Sudha, Premkumar, S Anand International Conference on Innovations in Information, Embedded and …	2017
Smart Waste Management System Anand, Pradeep, A Sathik	2017

TITLE	YEAR
International Journal for Research in Applied Science & Engineering …	
Design of EBG Superstrate to Improve the Performance of Patch Antenna S Anand, Radhika, A Prabaa International Journal for Research in Applied Science & Engineering …	2017
FPGA implementation of artificial neural network for forest fire detection in wireless sensor network S Anand, KM RK 2017 2nd International Conference on Computing and Communications …	2017
Medical Image Enhancement Using Edge Information-Based Methods S Anand Biometrics: Concepts, Methodologies, Tools, and Applications, 1701-1726	2017
Secured permutation and substitution based image encryption algorithm for medical security applications R Premkumar, S Anand Journal of Medical Imaging and Health Informatics 6 (8), 2012-2018	2016
Analysis of signal activity detection in acoustic emission S Anand, Bharathy International Conference on Innovations in Information Embedded and …	2016
Transrectal Ultrasound Image Enhancement for Prostate Cancer Diagnosis AS Murugachandravel Fifth National Conference on Computer Science and Applications - NCCSA'16, 1 …	2016
A Review of Fire Detection Technologies based on Video Image Neethidevan, S Anand Fifth National Conference on Computer Science and Applications - NCCSA'16 1 …	2016
Analysis of fractal Antenna Structures with reconfigurable feed S Anand, P Palniladevi International Conference on Electronics and Communication (ICECS 2016)	2016
RF MEMS based reconfigurable rectangular slotted self similar antenna S Anand, JJP Gloria Circuits and Systems 7 (06), 859	2016
Mammogram Image Enhancement by Two-Stage Adaptive Histogram Equalization S Anand, S Gayathri Optik - International Journal for Light and Electron Optics	2015

TITLE	YEAR
Automatic generation of 3D image from 2D image using Edge information Karthick, Manimuthu, S Anand National Conference on Emerging Communication Trends	2015
Analysis of Enhancement Algorithm for Non-Uniform Illumination Images S Anand, SG Janani International Journal of Applied Engineering Research 10 (55), 378-383	2015
Implementation of Advanced Image Enhancement Techniques using FPGA Anand, Lavanya International Journal of Applied Engineering Research 10 (1), 169-175	2015
FPGA implementation of modified decision based unsymmetrical trimmed median filter for the removal of salt and pepper noise in medical images S Anand, B Lavanya International Journal of Applied Engineering Research 10 (55), 777-782	2015
Analysis of Signal Activity Detection In Acoustic Emission S Anand, K Bharathi Pak. J. Biotechnol. 13 (1), 71-75	2015