

Department of Biomedical Instrumentation Engineering

Journal Publications

S. No	Name of the Author	Title of Paper Published	Name of the Journal	Volume/ Issue/ pp./ year
1.	S. Vidhya R. Shijitha	Deep Learning based Approach for Efficient Segmentation and Classification using VGG Net 16 for Tissue Analysis to predict Colorectal Cancer	Annals of the Romanian Society for Cell Biology ISSN: 1583-6258	Vol. 25, Iss. 5, pp. 4002-4013 2021
2.	B. Pavihaa Lakshmi B. Aruna	UVC Sterilization and Assistive BOT for Palsy using IOT	Annals of the Romanian Society for Cell Biology ISSN: 1583-6258	Vol. 25, Iss. 5, pp. 4014-4025 2021
3.	A. Mahalakshmi Dr. Judith Justin	Electrocardiograms based Electrodes, Advantages, Disadvantages, Challenges, and Limitations: A Methodological Review	Journal of Advanced Research in Dynamical and Control Systems (JARDCS) ISSN: 1943-023X	Vol. 12, Iss. 7, pp. 409-418 2020
4.	S. Pavithra Dr. R. Vanithamani Dr. Judith Justin	Computer aided Breast Cancer Detection using Ultrasound Images	Materials Today: Proceedings ISSN: 2214-7853	Vol.33, Part 7, pp. 4802-4807, 2020
5.	M. Kanishka R. K. Shivangi S. Pavithraa	3D Printing of Bone and Cartilage Scaffolds with the help of PLA Material	International Journal for Science and Advance Research in Technology (IJSART) ISSN: 2395-1052	Vol.6, Iss. 10, 2020
6.	Shilpa Saravanan B. Heshma A.V. AshmaShanofer Dr. R. Vanithamani	Skin Cancer Detection using Dermoscope Images	Materials Today: Proceedings ISSN: 2214-7853	Vol.33, Part 7, pp. 4823-4827, 2020
7.	K. S. Bharathi G. Ramya D. Saravanapriya D. Pavithra Dr. R. Vanithamani	Detection of Knee Osteoarthritis using SVM and CNN Classifiers	Kala Sarovar ISSN: 0975-4520	Vol.23, No.2, 2020
8.	K.V. Archana Dr. R. Vanithamani	Segmentation of Intima-Media Thickness in Intravascular Ultrasound (IVUS) Images for Detection of Atherosclerosis	Sambodhi ISSN: 2249-6661	Vol.43, No.2, 2020
9.	M. Amritha J. Gajapriya G. Gayathri B. Aruna	Hand Glove using Prosthetic Hand	International Journal of Scientific Research in Engineering and Management (IJSREM) ISSN: 0976-5506	Vol.4, Iss.4, pp.1-3, 2020
10.	S. ShareenTaj L. Sherine Annie Princiya R. Vivithra S. Keerthana	Patient Drip Monitoring System using Arduino	International Journal of Scientific Research in Engineering and Management (IJSREM) ISSN: 2582-3930	Vol.4, Iss.4, 2020

11.	D. Pavithra P. Chandni Raja Rajeswari D. Padmini Priya S. Vishnu Dr. R. Vanithamani	Cardiac Tele-care	Indian Journal of Public Health Research & Development. ISSN: 2582-3930	Vol. 10, Iss.7, pp.1326-1328, 2019
12.	R. Susithra A. Mahalakshmi Dr. Judith Justin	A Robust Adaptive Multi-Scale Super Pixels Segmentation in SEM Image	International Journal of Recent Technology and Engineering ISSN: 2277-3878	Vol.7, Iss.5, pp.161-166, 2019
13.	R. Susithra Dr. Judith Justin	Design of Real Time Health Monitoring System using Surface Mount Device	Journal of Applied Sciences and Computations ISSN: 1076-5131	Vol.6, Iss. 3, pp.2621- 2624, 2019
14.	M. Rajeswari K. S. Meena M. S. Sheethal E. S. Sreetha Dr. C. Sivamani	Performability of VBRCP in VANET using UGFT	International Journal of Innovative Technology and Exploring Engineering ISSN: 2278-3075	Vol.8, Iss.3, pp.42-46, 2019
15.	K. C. Lavanya Linnet Tomy Ann Rija Paul Dr. C. Sivamani	Two-Level Text Summarization with Sentiment Analysis for Multi-Document summarization	International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878	Vol.7, Iss.5, pp.103-107, 2019
16.	N. H. Deepthi S. Basavaraj Sharma J. Revathi R. H. Ramani R. B. Nagabhushana	Rapid Visualization of Fingerprints on various surfaces using ZnO Superstructures prepared via Simple Combustion Route	Journal of Science Advanced Materials and Devices ISSN: 2468-2179	Vol.3, pp.18-28, 2018
17.	H. Suresh R. B. Nagabhushana S. Basavaraj G. P. Dharshan B. Dharuka Prasad D. Kavishree S. C. Sharma Dr. R. Vanithamani	Sio ₂ @LaOF:Eu ³⁺ core shell Functional Nano-materials for Sensitive Visualization of Latent Fingerprints and WLED Applications	Journal of Colloid and Interface Science ISSN: 0021-9797	Vol.518, pp. 200-215, 2018
18.	Dr. M. Rajeswari Dr. C. Sivamani	Survey on Data Dissemination Process using Routing Protocols in MANET and VANET	Journal of Advanced Research in Dynamical and Control Systems ISSN: 1943-023X	Vol.15, pp.214-221, 2017
19.	K. Gokila Ila Vennila	Heuristic-based link Quality Preservation for Reliable Data Delivery	International Journal of Communication Systems ISSN: 1099-1131	Vol.30, e3304, 2017
20.	R. Renee Christina Dr. Judith Justin Minda Daniel	Automated POLYP detection in colon capsule endoscopy using SVM classifiers	International Journal of Control Theory and Applications (IJCTA) ISSN: 0974-5572	Vol.8, Iss.11, pp.1887-1892, 2015
21.	Dr. R. Vanithamani R. Dhivya	Tumor Detection in Breast Ultrasound images	I J C T A, International Journal of Control Theory and Applications ISSN: 0974-5572	Vol.8, Iss.2, pp. 1881-1885, 2015
22.	K. Divyadarshini Dr. R. Vanithamani	Segmentation of Mammographic Masses using Gray Level Thresholding	International Journal of Tomography and Simulation ISSN: 2319-3336	Vol.28, Iss.4, pp.65, 2015