



CENTRE FOR RESEARCH ANNA UNIVERSITY, CHENNAI



DC MEMBERS PUBLICATION LIST

Scholar Name: B. Prasath

Ref.No: 20241988

Members from other University

DC Member 6: Dr. J. Dinesh Peter, Associate Professor, Karunya Institute of Technology and Sciences.

1. Adonu Celestine, J Dinesh Peter, Investigations on adaptive connectivity and shape prior based fuzzy graph-cut colour image segmentation, Expert Systems, 2020, Vol-37, Issue-5, pp- e12554
2. DJ Jagannath, D Raveena Judie Dolly, J Dinesh Peter, Deep learning strategies for foetal electrocardiogram signal synthesis, Pattern Recognition Letters, 2020, Vol-136, pp- 286-292
3. D Raveena Judie Dolly, J Dinesh Peter, G Josemin Bala, DJ Jagannath, Image fusion for stabilized medical video sequence using multimodal parametric registration, Pattern Recognition Letters, 2020
4. D Raveena Judie Dolly, G Josemin Bala, J Dinesh Peter, DJ Jagannath, A Novel Adaptive Frame Determination Methodology with Fixed and Adaptive Thresholds Using Affine Motion Parameter for Video Quality Enhancement, IETE Journal of Research, 2020, pp- 1-10
5. DJ Jagannath, D Raveena Judie Dolly, J Dinesh Peter, Composite Deep Belief Network approach for enhanced Antepartum foetal electrocardiogram signal, Cognitive Systems Research, 2020, Vol- 59, pp-198-203
6. S Akila Agnes, J Anitha, S Immanuel Alex Pandian, J Dinesh Peter, Classification of mammogram images using multiscale all convolutional neural network (MA-CNN), Journal of Medical Systems, 2020, Vol-44, Issue- 1, pp-30
7. T Jemima Jebaseeli, C Anand Deva Durai, J Dinesh Peter, Retinal blood vessel segmentation from diabetic retinopathy images using tandem PCNN model and deep learning based SVM, Optik, 2019, Vol-199, pp-163328
8. S Durga, S Mohan, J Dinesh Peter, S Surya, Context-aware adaptive resource provisioning for mobile clients in intra-cloud environment, Cluster Computing, 2019, Vol-22, Issue-4, pp-9915-9928
9. J Dinesh Peter, Elijah Blessing Rajsingh, Amir H Alavi, Special Section on Big Data and Cloud Technologies, Computers & Electrical Engineering, 2019, Vol-75, pp- 312-314

10. DJ Jagannath, D Raveena Judie Dolly, J Dinesh Peter, A novel Bayesian deep learning methodology for enhanced foetal cardiac signal mining, *Journal of Experimental & Theoretical Artificial Intelligence*, 2019, Vol-31, Issue-2, pp-215-224
11. D Raveena Judie Dolly, DJ Jagannath, J Dinesh Peter, Statistical investigations on hybrid frame assessment tactics for video compression, *Third International Conference on Inventive Systems and Control (ICISC)*, 2019, pp-588-591
12. Mohsen Khosravi, Jonah Peter, Nancy A Wintering, Mijail Serruya, Sara Pourhassan Shamchi, Thomas J Werner, Abass Alavi, Andrew B Newberg, 18F-FDG is a superior indicator of cognitive performance compared to 18F-florbetapir in Alzheimer's disease and mild cognitive impairment evaluation: a global quantitative analysis, *Journal of Alzheimer's Disease*, 2019, Vol-70, Issue-4, pp-1197-1207
13. T Jemima Jebaseeli, C Anand Deva Durai, J Dinesh Peter, Extraction of retinal blood vessels on fundus images by kirsch's template and Fuzzy C-Means, *Journal of medical physics*, 2019, Vol-44, Issue-1, pp-21
14. T Jemima Jebaseeli, C Anand Deva Durai, J Dinesh Peter, Segmentation of retinal blood vessels from ophthalmologic diabetic retinopathy images, *Computers & Electrical Engineering*, 2019, Vol-73, pp-245-258
15. J Dinesh Peter, Computer aided intervention and diagnostics in clinical and medical images, *Springer*, 2019, Vol-31
16. T Jemima Jebaseeli, C Anand Deva Durai, J Dinesh Peter, Segmentation of retinal blood vessels from ophthalmologic diabetic retinopathy images, *Computers & Electrical Engineering*, 2019, Vol-73, pp-245-258
17. J Dinesh Peter, Amir H Alavi, Bahman Javadi, *Advances in Big Data and Cloud Computing: Proceedings of ICBDDC18*, Springer, 2018, Vol- 750
18. S Akila Agnes, J Anitha, J Dinesh Peter, Automatic lung segmentation in low-dose chest CT scans using convolutional deep and wide network (CDWN), *Neural Computing and Applications*, 2018, PP-1-11
19. T Jemima Jebaseeli, C Anand Deva Durai, J Dinesh Peter, Retinal Blood Vessel Segmentation from Depigmented Diabetic Retinopathy Images, *IETE Journal of Research*, 2018, PP-1-18
20. T Jemima Jebaseeli, C Anand Deva Durai, J Dinesh Peter, IOT based sustainable diabetic retinopathy diagnosis system, *Sustainable Computing: Informatics and Systems*, 2018
21. Getzi Jeba Leelipushpam Paulraj, Sharmila Anand John Francis, J Dinesh Peter, Immanuel Johnraja Jebadurai, Resource-aware virtual machine migration in IoT cloud, *Future Generation Computer Systems*, 2018, Vol-85, pp- 173-183
22. Emmanuel Joy, J Dinesh Peter, Perspective model-based visual tracking scheme for robust tracking of objects in complex environs, *Multimedia Tools and Applications*, 2018, Vol-77, Issue-15, pp-19745-19768

23. D Raveena Judie Dolly, G Josemin Bala, J Dinesh Peter, A hybrid tactic model intended for video compression using global affine motion and local free-form transformation parameters, *Arabian Journal for Science and Engineering*, 2018, Vol-43, Issue-8, pp-4249-4263
24. Getzi Jeba Leelipushpam Paulraj, Sharmila Anand John Francis, J Dinesh Peter, Immanuel Johnraja Jebadurai, A combined forecast-based virtual machine migration in cloud data centers, *Computers & Electrical Engineering*, 2018, Vol-69, pp-287-300
25. Adonu Celestine, J Dinesh Peter, An IoT based modified graph cut segmentation with optimized adaptive connectivity and shape priors, *Sustainable Computing: Informatics and Systems*, 2018
26. Jebaveerasingh Jebadurai, J Dinesh Peter, Super-resolution of retinal images using multi-kernel SVR for IoT healthcare applications, *Future Generation Computer Systems*, 2018, Vol-83, pp-338-346
27. S Durga, S Mohan, J Dinesh Peter, Multi-Context Based Optimal Resource Provisioning in Mobile Cloud Environments, *Journal of Computational and Theoretical Nanoscience*, Vol-15, Issue-5, pp-1762-1768
28. Jonah Peter, Mohsen Khosravi, Thomas J Werner, Abass Alavi, Global temporal lobe asymmetry as a semi-quantitative imaging biomarker for temporal lobe epilepsy lateralization: A machine learning classification study, *Hellenic journal of nuclear medicine*, 2018, Vol-21, Issue-2, pp- 95-101
29. Getzi Jeba Leelipushpam Paulraj, Sharmila An John Francis, J Dinesh Peter, Immanuel Johnraja Jebadurai, Route aware virtual machine migration in cloud datacenter, 2018 Second International Conference on Inventive Communication and Computational Technologies (ICICCT), 2018, pp-363-367
30. Elijah Blessing Rajasingh, Jey Veerasamy, Amir H Alavi, J Dinesh Peter, *Advances in Big Data and Cloud Computing*, Springer, 2018, Vol-645
31. Emmanuel Joy, J Dinesh Peter, Visual tracking with conditionally adaptive multiple template update scheme for intricate videos, *Multimedia Systems*, 2018, Vol-24, Issue-2, pp- 175-194
32. Jebaveerasingh Jebadurai, J Dinesh Peter, SK-SVR: Sigmoid kernel support vector regression based in-scale single image super-resolution, *Pattern Recognition Letters*, 2017, Vol-94, pp- 144-153
33. Sairaj Punathara, Ramalingam Krishnakumar, Mohan Govindarajan, Momeka Kanaran, Sunil Thomas Philip, Aswin Saseendran Nair, Joby Peter, A Comparative Evaluation of the Influence of Command Set Methods on Microleakage of Glass Ionomer Cement: An In Vitro Study, *Journal of Clinical and Diagnostic Research: Jcdr*, 2017, Vol-11, Issue-6
34. J Anitha, J Dinesh Peter, S Immanuel Alex Pandian, A dual stage adaptive thresholding (DuSAT) for automatic mass detection in mammograms, *Computer methods and programs in biomedicine*, 2017, Vol-138, pp- 93-104

35. D Raveena Judie Dolly, G Josemin Bala, J Dinesh Peter, Performance enhanced spatial video compression using global affine frame reconstruction, Journal of Computational Science, 2017, Vol-18, pp-1-11
36. Aswin Saseendran Nair, R Krishna Kumar, Sunil Thomas Philip, Syed Shaheed Ahameed, Sairaj Punnathara, Joby Peter, A Comparative Analysis of Caries Inhibitory Effect of Remineralizing Agents on Human Enamel Treated With Er: YAG Laser: An In-vitro Atomic Emission Spectrometry Analysis, Journal of clinical and diagnostic research: JCDR, 2016, Vol-10, Issue-12
37. Jonah Peter, Sina Houshmand, Thomas J Werner, Domenico Rubello, Abass Alavi, Applications of global quantitative¹⁸F-FDG-PET analysis in temporal lobe epilepsy, Nuclear medicine communications, 2016, Vol-37, Issue-3, pp- 223-230
38. J Anitha, J Dinesh Peter, Mammogram segmentation using maximal cell strength updation in cellular automata, Medical & biological engineering & computing, 2015, Vol-53, Issue-8, pp- 737-749
39. J Anitha, J Dinesh Peter, A spatial fuzzy based level set method for mammogram mass segmentation, 2015 2nd International Conference on Electronics and Communication Systems (ICECS), 2015. Pp- 1-6
40. J Anitha, J Dinesh Peter, Mass segmentation in mammograms using a kernel-based fuzzy level set method, International Journal of Biomedical Engineering and Technology, 2015, vol-19, Issue-2, pp- 133-153