

LIST OF PUBLICATIONS OF Dr. J. DINESH PETER:

1. Jagannath, Dolly, J. Dinesh Peter, "Composite Deep Belief Network approach for enhanced Antepartum foetal electrocardiogram signal" Elsevier Cognitive Systems Research (IF: 1.384 - SCIE) vol:59, pg:198 -203, 2020
2. Agnes, J Anitha, Alex Pandian, J. Dinesh Peter, "Classification of Mammogram Images Using Multiscale all Convolutional Neural Network (MA-CNN)", Journal of Medical Systems (IF: 2.415 - SCIE) vol: 44 - 2020.
3. J. 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 vol:44 pg:21 -26 2019.
4. J. 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" Journal of Optik(IF: 1.914 - SCIE) 199 Published online December 2019 DOI:10.1016/j.ijleo.2019.163328.
5. D. J. Jagannath, D. Raveene Judie Dolly, J. Dinesh Peter, "A Novel Bayesian Deep Learning Methodology for Enhanced Foetal Cardiac Signal Mining", Journal of Experimental & Theoretical Artificial Intelligence (IF: 1.011 - SCIE) vol: 31, pg: 215 -224 2019
6. J. Jemima Jebaseeli, C. Anand Deva Durai, J. Dinesh Peter, "Retinal Blood Vessel Segmentation from Depigmented Diabetic Retinopathy Images", IETE Journal of Research (IF: 0.829 - SCIE) Published online 25 Oct 2018 DOI:10.1080/03772063.2018.1535918
7. J. Jemima Jebaseeli, C. Anand Deva Durai, J. Dinesh Peter, "Segmentation of retinal blood vessels from ophthalmologic Diabetic Retinopathy images", Elsevier Computers and Electrical Engineering (IF: 1.747 - SCIE) vol: 73 pg:245-258 2019
8. J. Jemima Jebaseeli, C. Anand Deva Durai, J. Dinesh Peter, "IoT based Sustainable Diabetic Retinopathy Diagnosis System Sustainable Computing", Elsevier Informatics and Systems (IF: 1.196 - SCIE) Available online 16 Aug 2018 DOI:10.1016/j.suscom.2018.08.004
9. Akila Agnes S, Anitha J, J. Dinesh Peter, "Automatic Lung Segmentation in Low Dose Chest CT Scans using Convolutional Deep and Wide Network (CDWN)", Neural Computing and Applications (IF: 4.213 - SCIE) Available online 21 Nov 2018 DOI: 10.1007/s00521-018-3877-3.
10. Adonu Cestine, J. Dinesh Peter, "An IoT based Modified Graph-cut Segmentation with Optimized Adaptive Connectivity and Shape Priors", Elsevier Sustainable Computing, Informatics and Systems (IF: 1.196 - SCIE) Accepted on 17 May 2018 DOI:10.1016/j.suscom.2018.05.009.
11. P. Getzi, A. Sharmila, J. Dinesh Peter, J. Immanuel "Resource-aware virtual machine migration in IoT cloud", Elsevier Future Generation Computer Systems (IF: 4.639 - SCIE) vol:85 pg:173-183 2018.
12. J. Jebaveerasingh, J. Dinesh Peter, "Super-resolution of retinal images using multi-kernel SVR for IoT healthcare applications ", Elsevier Future Generation Computer Systems (IF: 4.639 - SCIE) vol:83 pg:338-346 2018.

13. P. Getzi, A. Sharmila, J. Dinesh Peter, J. Immanuel, "A combined forecastbased virtual machine migration in cloud data centers" Elsevier Computers and Electrical Engineering (IF: 1.747 - SCIE) vol: 69 pg:287 -300 July 2018.
14. S. Durga, S. Mohan , J. Dinesh Peter , "Towards benefiting both cloud users and service providers through resource provisioning", International Journal of Information Technologies and systems Approach vol:12 pg:37-51 2019.
15. S. Durga, S. Mohan , J. Dinesh Peter, S. Surya , " Context-aware adaptive resource provisioning for mobile clients in intracloud environment " Cluster Computing (IF: 2.040 - SCIE) DOI: 10.1007/s10586-018-1945-1
16. D. Dolly, G. Josemin Bala, J. Dinesh Peter, "A hybrid tactic model intended for video compression using global affine motion and local free form transformation parameter", Arabian Journal of Science and Engineering , vol:43 pg:4249 -4263 Aug 2018.
17. J.Jebaveerasingh, J. Dinesh Peter, "SK-SVR: Sigmoid kernel support vector regression based in-scale single image super-resolution" Elsevier Pattern Recognition Letters (IF: 1.952 - SCIE) vol: 94 pg:114 -153, 15 July 2017.
18. Emmanuel Joy, J. Dinesh Peter, "Visual tracking with conditionally adaptive multiple template update scheme for intricate videos", Multimedia Systems(IF: 1.703 - SCIE) vol:24 (2) pg:175 –194, March 2018.
19. Emmanuel Joy, J. Dinesh Peter, "Perspective model-based visual tracking scheme for robust tracking of objects in complex environs", Multimedia Tools and Techniques (IF: 1.541 - SCIE) vol:77 pg:19745 -19768, Aug 2018.
20. Anitha J, J. Dinesh Peter, " Dual Stage Adaptive Thresholding (DuSAT) technique for Automatic Mass detection in Mammograms", Computer methods and Programs in Biomedicine (IF:2.674 - SCIE)vol:138 pg:93-104 Jan 2017.
21. D. Raveena Judie Dolly, J. Dinesh Peter, "Performance Enhanced Video Compression Technique using Affine Motion Estimation", Journal of Computational Science(IF: 1.925 - SCIE) vol:18 pg:1-11 Jan 2017.
22. Anitha J , J. Dinesh Peter, "Mammogram segmentation using maximal cell strength updation in cellular automata", Int. J. of Med Biol Eng Comput.,(IF: 1.971 - SCIE) vol:53 pg:737-749, 2015.
23. 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 pg:1762 -1768, 2018.