

Department of Computer Science and Engineering

International Journal Publications, 2017 July - 2018 June

1. Hannah S, ShomonaGracia Jacob, "Feature Selection Techniques for Alzheimer's Disease: A Review", International Journal of Engineering Technology Science and Research, Vol.4(7), July, 2017, pp.494-499.
2. Tejeswinee K, ShomonaGracia Jacob, Athilakshmi R, "Feature Selection Techniques for Prediction of Neuro-Degenerative Disorders: A Case-Study with Alzheimer's And Parkinson's Disease", Procedia Computer Science, Elsevier, Vol.115, pp.188-194, August 2017. IF:0.27
3. D.Venkatavaraprasad ,J.Suresh "Performance Optimization of Nonlinear VLSI Interconnect Circuit using Schmitt Trigger" in International Journal of Computer Applications(IJCA), Vol.173(4), September 2017, pp.14-17.
4. ShomonaGracia Jacob, Sahitya Sridhar, NikhileshMurugavel, A Comparative Study on the performance of classifiers in predicting frequency of drug intake: A case study with Ketamine, Heroin, Crack and Meth, International Journal of Engineering Technology Science and Research, Vol.4(9), September, 2017, pp.378-383.
5. N.V.Rao, D.VV Prasad and M. Sugumaran "An Efficient Preprocessing of Video/Image Using Stationary Wavelet Transform with Joint Bilateral Filtering" in Journal of Advanced Research in Dynamical and Control Systems, pp561-568, Special Issue(13), September 2017. IF:0.14
6. N.V. Rao, D.V V prasad and M. Sugumaran "An Efficient Method to Detect Moving Object with Features by Using GLCM and ANN" in International Journal of Pure and Applied Mathematics, Vol.116(22), September 2017, pp 467-47. IF:0.25
7. Sudha MR, Sriraghav, SudarAbhisheck, ShomonaGracia Jacob, Manisha S, "Approaches and Applications of Virtual Reality and Gesture Recognition: A Review", International Journal of Ambient Computing and Intelligence, Vol.8(4), October 2017, pp.1-18. IF:0.125
8. Megha and Mirnalinee, T. T., "Dynamic small world particle swarm optimizer for function optimization", Natural Computing, Springer, Vol.10, October 2017, pp.1-17. IF:0.778.
9. R. GeethaRamani, P. Nancy and Shomona, "Prediction of rescuable cancer mutants in p53 mutation network using centrality measures", International Journal of Biomedical Engineering and Technology, Vol. 25, Nos. 2/3/4, October 2017, pp. 310-325. IF:0.29
10. Revathy, Suganyadevi, Supriyaa, Priyadharsini.R, Manisha.S, " Automatic and Efficient Cleansing of Illustration Images in Web", Journal of Image Processing and Artificial Intelligence, Vol.3(3), November 2017, pp.1-7.
11. R. Priyadharsini, T. Sreesharmila, V. Rajendran, " A wavelet transform based contrast enhancement method for underwater acoustic images", Multidimensional System and Signal Processing, Springer, November 2017, pp.1-15IF:1.365
12. Mirunalini, P, Aravindan, Chandrabose and Jaisakthi, S. M., "Automatic stenosis detection using SVM from CTA projection images", Multimedia Systems, December 2017, pp.1-17. IF:2.472
13. Madheswari.K, Venkateswaran.N, "An Image Contrast Enhancement Algorithm for Grayscale Images Using Particle Swarm Optimization", Multimedia Tools and Applications, January 2018. (Online First) [**Thomson Reuters IF:1.530**].

14. Prasad, D.V.V. and Jaganathan, "Designing towards an efficient Job Aware Scheduling Algorithm for IaaS Cloud", Springer Cluster Computing, January 2018. (Online First) [**Thomson Reuters IF: 2.04**].
15. Prasad, D.V.V. and Jaganathan, "Null-Space based facial classifier using Linear regression and Discriminant Analysis method", Springer Cluster Computing, January 2018. (Online First) [**Thomson Reuters IF: 2.04**]
16. Balasubramanian, V. and Mala T. "Cloud data integrity checking using bilinear pairing and network coding", Cluster Computing - The Journal of Networks, Software Tools and Applications, February 2018. (Online First) [**Thomson Reuters IF: 2.04**]
17. Prasad, D.V.V. and Jaganathan, "A quick survey of Artificial Neural Network based face classification algorithms", Springer Cluster Computing, February 2018. (Online First) [**Thomson Reuters IF: 2.04**]
18. P. Arjun, T. T. Mirnalinee, "An Efficient Image Retrieval System Based on Multi-Scale Shape Features", Journal of Circuits, Systems, and Computers, World Scientific Publishers, Vol. 27, No. 11, February 2018. [**Thomson Reuters: 0.481**]
19. Beulah A, Sree Sharmila, Pramod V K, "Disc Bulge Diagnostic Model in Axial Lumbar MR Images using Intervertebral Disc Descriptor", Multimedia Tools and Applications, Springer, March 2018. (Online First) [**Thomson Reuters IF: 1.530**]
20. S. Manisha, T. Sree Sharmila, "A Two-Level Secure Data Hiding Algorithm for Video Steganography", Multidimensional systems and signal processing, Springer, March 2018. (Online First) [**Thomson Reuters IF: 1.365**]
21. Raghav Nandakumar, Uttamraj K R, Vishal R and Y. V. Lokeswari, "Stock Price Prediction Using Long Short Term Memory", International Research Journal of Engineering and Technology, Vol. 5, No.3, pp. 3342-3348, March 2018.
22. Prasad, D.V.V. and Jaganathan, "Improving The Performance Of Smith-Waterman Sequence Algorithm On GPU Using Shared Memory For Biological Protein Sequences", Springer Cluster Computing, Springer, March 2018. (Online First) [**Thomson Reuters IF: 2.04**].
23. Venkatavara Prasad, D., Venkatesvara Rao, N. & Sugumaran, "Sequential Mining Of Real Time Moving Object By Using Fast Frequency Pattern Algorithm", Springer Cluster Computing, Springer, March 2018, (Online First) [**Thomson Reuters IF: 2.04**]
24. Pushpalatha D and Rajalakshmi S, "Comparative Analysis of Machine Learning and Attribute selection techniques for Credit Approval Data", International Journal of Pure and Applied Mathematics, Volume 118 No. 20, pp 305-311, May 2018, ISSN: 1314-3395 **SJR:0.139**
25. Saritha M, Rajalakshmi S, Angel Deborah S, Milton R S, Thirumla Devi S, Vrithika M, Krishnap Priya G B have published a paper titled "RFID-Based Traffic Violation Detection and Traffic Flow Analysis System", International Journal of Pure and Applied Mathematics, Volume 118 No. 20, pp 319-328, May 2018. [**SJR: 0.139**]
26. Sharath Chander P., J. Soundarya, R. Priyadharsini and B. Bharathi published a paper titled, " Data Analysis of Natural Language Querying Using NLP Interface", International Journal of Applied Engineering Research, Volume 13, Number 8, May 2018, pp. 5792-5795

27. Lakshmi Priya and V.S. Felix Enigo, "Fuzzy Logic based Short-Term Electricity Demand Forecast", International Journal of Engineering and Technology, Vol.10(2), May 2018, pp. 529-534. (SJR: 0.17)
28. X. Blessy Theresa and K.Madheswari, "Thermal and Visible Video Fusion Using Curvelet Transform", International Journal of Applied Engineering Research ISSN 0973-4562 Volume 13, Number 11, May 2018, pp. 8831-8836.
29. Sharmadha Senthil Nathan, shivaniKanmani, Shruthi kumar, Madheswari Kanmani, published a paper titled, "Optimized Multi Scale Image Fusion Technique Using Discrete Wavelet Transform and Particle Swarm Optimization for Colour Multi Focus Images", International Journal of Applied Engineering Research ISSN 0973-4562 Volume 13, Number 10, May 2018, pp. 8179-8186
30. Sheerin Sitara N, Kavitha. S. and Raghuraman. G, "Review and Analysis of Crack Detection and Classification techniques based on Crack Types", International Journal of Applied Engineering Research (IJAER), ISSN 0973-4562, 13 (8), May 2018, pp. 6056-6062
31. M.Sakthiumamaheswari, Parimala Suresh Congovi, Madheswari Kanmani, "Medicine Information Mobile Application Using Tablet Image Anaysis Using Android Studio", International Journal of Applied Engineering Research ISSN 0973-4562 Volume 13, Number 10, June 2018, pp. 8407-8412.