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International Journals (peer reviewed)

1. Akila.M and Rajasekaran T, Deep Feature transferring of Convolution Neural Network for identification of disease occurrence in tomato leaves, Journal of Ambient Intelligence and Humanized Computing (In Review)
1. R.H. Aswathy, P. Suresh, Dr. N. Malar Vizhi, Dr.M.Akila(2017), The Performance Evaluation of Transport Layer Protocol in Constrained Environment of IOT, International Journal of Civil Engineering and Technology, Vol. 8, Issue 12, pp. 243 - 258.
2. Akila M., Jenifa G and Ramzan Muhammad (2017), “Optimum Feature Selection Using Firefly Algorithm for Keystroke Dynamics”, Lecture notes in Computer Science, Springer (Accepted for publication).
3. Sumathi.A.C. and Akila. M(2017), “Performance Analysis of CR based U-LTE Co-existence under varying Wi-Fi Standards”, Lecture notes in Electrical Engineering, Springer (Accepted for publication).
4. Pavithra .P, Srisathya K.B. and Akila. M(2015), "Image Color Correction using Mosaicking Application", International Journal of Engineering Trends and Technology, Vol. 29, No. 6, pp.278 - 280, ISSN:2231-5381
5. Nithya.K., Akila.M. and Karthiprem. S.(2015), “Enhanced Latent Finger Print Segmentation through Dictionary based Approach”, International Journal of Applied Engineering Research, Vol. 10, No. 21, pp. 20039-20044, ISSN:0973-4562.
6. Vany.S., Akila.M. and Karthiprem. S.(2015), “Object Recognition using LBP, LTP and RLBP for Face Analysis”, International Journal of Applied Engineering Research, Vol. 10, No. 21, pp. 20031-20038, ISSN:0973-4562.
7. Loga Priya .R, Madlin Asha .M and Akila .M (2015), “Secure Mining of Association Rule with Subgroup Discovery in Horizontally Partitioned Data”, International Journal of Applied Engineering Research, Vol. 10, No. 21, pp. 19973-19978, ISSN:0973-4562.
8. Chandrasekar .V, Akila .M and Maheswari .T (2015), “Gravitational Search Optimization for the User Authentication in Biometrics”, Middle-East Journal of Scientific Research, Vol. 23, No. 8, pp. 1626-1631, ISSN:1990-9233.
9. Chandrasekar .V, Akila .M and Maheswari .T (2015), “Biometric user authentication using Gray Wolf Optimization”, International Journal of Engineering and Technology, Vol. 7, No. 4, pp. 1256-1261, ISSN:0975-4024.
10. Loga Priya .R, Madlin Asha .M and Akila .M (2014), “FDM Secure Mining of Association Rules in Horizontally Distributed Databases", International Journal of Engineering Trends and Technology, Vol. 17, No. 4, pp. 176-179, ISSN: 2231-5381.
11. Akila M., S. Suresh Kumar, N. Anusheela and K.Sugumar (2011), ‘A Novel Feature Subset Selection Algorithm using Artificial Bee Colony in Keystroke Dynamics’,

Advances in Intelligent and Soft Computing, Springer Series, Vol. 131, No. 2, pp. 759-766, ISSN:1867-5662. http://link.springer.com/chapter/10.1007/978-81-322-0491-6_74#page-1

12. Marcus Karnan, Akila M. and Kalamani A., (2009), 'Feature Subset Selection in Keystroke Dynamics using Ant Colony Optimization', Journal of Engineering and Technology Research, Vol. 1, No. 5, pp. 72-80, ISSN: 2006-9790.
13. Marcus Karnan and Akila M. (2009), 'Personal Authentication based on Keystroke Dynamics using Ant Colony Optimization and Back Propagation Neural Networks', International Journal on Computer and Network Security, Vol. 1, No. 2, pp. 8-15, ISSN: 2076-9199.

International Conferences

2. Akila M. and Marcus Karnan, (2009), 'Identity Authentication based on Keystroke Dynamics using Genetic Algorithm and Particle Swarm Optimization', Proceedings of the 2nd IEEE International Conference on Computer Science and Information Technology, Beijing, China, Vol. 5, pp. 203–207, ISBN: 978-1-4244-4519-6. (http://ieeexplore.ieee.org/xpl/login.jsp?tp=&arnumber=5234420&url=http%3A%2F%2Fieeexplore.ieee.org%2Fxppls%2Fabs_all.jsp%3Farnumber%3D5234420)
3. Akila M. and Marcus Karnan, (2010), 'Personal Authentication based on Keystroke Dynamics using Soft Computing Techniques', Proceedings of the 2nd IEEE International Conference on Communication Software and Networks, Singapore, pp. 334-338, ISBN: 978-0-7695-3961-4.
4. Akila M., Suresh Kumar S. and Berin Jones C., (2011) "Subset Selection for Keystroke Dynamics with Improved Features", Proceedings of the Third International Conference on Intelligent Science and Technology, India, Vol.1, pp. 125-132.
5. Akila M. and Suresh Kumar S., "Improving Feature Extraction in Keystroke Dynamics using Optimization Techniques and Neural Network", (2011) Proceedings of the IET Second International Conference on Sustainable Energy and Intelligent System, India, Vol.3, pp. 891-898, ISBN:978-93-80430-00-3. (**Best Research Paper Award**).
6. Akila. M and Iswarya. T (2011), "An efficient data replication method for data access applications in vehicular ad-hoc networks", International Conference on Electronics, Communication and Computing Technologies (ICECCT), pp. 17-22, ISBN: 978-1-4577-1895-3.