

Name: Dr. B. Surendiran

International Journal Publications

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3. B.Surendiran, A.Vadivel, "A New Feature Reduction Method for Mammogram Mass Classification", Control, Computation and Information Systems, Communications in Computer and Information Science, Springer Berlin Heidelberg, LNCS, Volume 140, 3, 303-311,2011
4. B.Surendiran, A.Vadivel, "Classifying Mammographic Masses into BI – RADS shape categories using various geometric shape and margin features", International Journal of Biomedical Signal Processing, International science press, Vol 2(1), pp.43-47, 2011. http://ispjournals.com/articles.php?volumesno_id=61&journals_id=60&volumes_id=60
5. B.Surendiran, A.Vadivel, "A Hybrid Feature Extraction Approach for Mammogram Mass Analysis", CiiT International Journal of Digital Image Processing, Vol. 3 No.9, pp:567-573, 2011.
6. B.Surendiran, A.Vadivel, "Classifying Benign and Malignant Masses using Statistical Measures", ICTACT Journal of Image and Video Processing, ICT Academy of Tamilnadu, Vol. 2, Issue 2,pp:319-326, 2011.
7. B.Surendiran, A.Vadivel, "Mammogram Mass Classification using Various Geometric Shape and Margin Features for Early Detection of Breast Cancer ", International Journal of Medical Engineering and Informatics, Inderscience, Vol 4, No. 1, pp:36-54, 2012. Impact Factor=0.6. (Scopus Indexed)
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11. B.Surendiran, A.Vadivel, "A Fuzzy Rule Based Approach for Characterization of Mammogram Masses into BI-RADS Shape Categories ", International Journal of Computers in Biology and Medicine, ELSEVIER, Vol. 43 (4), pp: 259 - 267 , (2013). Impact Factor = 1.35. (Scopus Indexed)
12. C.Akalya Devi, B.Surendiran, "A Hybrid Feature Selection Model For Software Fault Prediction", International Journal on Computational Sciences & Applications (IJCSA), Vol.5 No.2 July-December 2013, pp.54-63.
13. P.Ramanathan, B.Surendiran, "Power Estimation of Benchmark Circuits using Artificial Neural Networks", PENSEE Journal , Vol. 75 and 9, 427 - 433 , 2013. Impact Factor = 0.065
14. B.Surendiran, P.Ramanathan, A.Vadivel, "Effect of BIRADS shape descriptors on Breast Cancer Analysis", International Journal of Medical Engineering and Informatics, Inderscience, Vol. 7(1), pp:65-79, 2015, Impact Factor=0.15. (Scopus Indexed)

15. Sunit Sivaraj, B.Surendiran, M.Hariharan, "MRI Brain Tumour Image Retrieval Using Low Level Features and High Level Semantics", International Journal of Medical Engineering and Informatics, Inderscience, Vol. 8(1), pp:58-70,2016, Impact Factor=0.15. (Scopus Indexed)
16. K Keerthi Vasana, B Surendiran, Feature subset selection for intrusion detection using various rank-based algorithms, International Journal of Computer Applications in Technology, Inderscience, vol 55(4), pp-298-307, 2017 Scopus Indexed.
17. Keerthi Vasana k and Surendiran B, Dimensionality reduction using Principal Component Analysis for network intrusion detection, Perspectives in Science, Elsevier, Vol. 8, 2016, pp. 510-512. (SCI, Scopus indexed)
18. Venkatraman, S. & Surendiran, B., "Adaptive hybrid intrusion detection system for crowd sourced multimedia internet of things systems", Multimed Tools Applications, Springer, SCI – IF 1.541, pp-1-18,2019, <https://doi.org/10.1007/s11042-019-7495-6>
19. Venkatraman, S., B. Surendiran, & Arun Raj Kumar P., Spam E-mail classification for the Internet of Things Environment using Semantic Similarity Approach, Autosoft Journal Intelligent Automation & Soft Computing, TSI Press, pp 1-21, (2019) SCIE Impact Factor 0.652.
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21. Surendiran B., Vadivel A., Selvaraj H., "A Soft-Decision Approach for Microcalcification Mass Identification from Digital Mammogram", In: Proceedings of world academy of Science, Engineering and Technology, vol 36, pp.1236-1240, Dec 2008.
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26. Uma Mageswari R, B.Surendiran, Abhinaya S., Sentiment Analysis on E-Learning Platform, International Conference On Research And Development In Information And Communication Technology ,(ICRDICT-2015), EGS Pillay Engineering College, Nagapattinam.
27. K Keerthi, B Surendiran, Elliptic curve cryptography for secured text encryption, International Conference on Circuit, Power and Computing Technologies (ICCPCT), 2017