Last 5 years Publication List

1. Jegadeeshwaran R., Sugumaran V., Brake fault diagnosis using Clonal Selection Classification Algorithm (CSCA) – A statistical learning approach, 2015, Engineering Science and Technology, an International Journal,18, 1, pp.(14-23).
2. Indira V., Vasanthakumari R., Jegadeeshwaran R., Sugumaran V., Determination of mini- mum sample size for fault diagnosis of automobile hydraulic brake system using power analysis, 2015, Engineering Science and Technology, an International Journal,18, 1, pp.(59-69).
3. Jegadeeshwaran R., Sugumaran V., Health monitoring of a hydraulic brake system using nested dichotomy classifier – A machine learning approach, 2015, International Journal of Prognostics and Health Management,6, 1, pp.(1-10).
4. Praveen H.M., Sugumaran V., Harvesting vertical vibration of automotive tyre to monitor tyre pressure using applied machine learning technique, 2015, International Journal of Applied Engineering Research,10, 14, pp.(34501-34508).
5. Jegadeeshwaran R., Sugumaran V., Fault diagnosis of automobile hydraulic brake system using statistical features and support vector machines, 2015, Mechanical Systems and Signal Processing,52-53, 1, pp.(436-446).
6. Satishkumar R., Sugumaran V., Remaining useful life time prediction of bearing using Na¨ıve Bayes and Bayes net classifiers, 2015, International Journal of Applied Engineering Research,10, 14, pp.(34527-34531).
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8. Shalet K.S., Sugumaran V., Jegadeeshwaran R., Elangovan M., Condition monitoring of single point cutting tool using arma features and SVM classifiers, 2015, International Journal of Applied Engineering Research,10, 3, pp.(8401-8416).
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12. Ramalingam V.V., Mohan S., Sugumaran V., Vani V., Rebecca Jeya Vadhan B., Controlling prosthetic limb movements using EEG signals, 2016, Multi-Core Computer Vision and Image Processing for Intelligent Applications,, , pp.(211-233).

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14. Shankar Sowmien V., Sugumaran V., Karthikeyan C.P., Vijayaram T.R., Diagnosis of hepati- tis using decision tree algorithm, 2016, International Journal of Engineering and Technology,8, 3, pp.(1414-1419).
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16. Joshuva A., Sugumaran V., Fault diagnostic methods for wind turbine: A review, 2016, ARPN Journal of Engineering and Applied Sciences,11, 7, pp.(4654-4668).
17. Rebecca Jeya Vadhanam B., Mohan S., Sugumaran V., Application of artificial immune recognition system for identification of Advertisement video frames using BICC features, 2016, Indian Journal of Science and Technology,9, 14, pp.(-).
18. Ramalingam V.V., Mohan S., Sugumaran V., Prosthetic arm control using Clonal Selection Classification Algorithm (CSCA) - a statistical learning approach, 2016, Indian Journal of Science and Technology,9, 16, pp.(-).
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35. Sharma R.K., Sugumaran V., Kumar H., Amarnath M., Condition monitoring of roller bearing by K-star classifier and K-nearest neighborhood classifier using sound signal, 2017, SDHM Structural Durability and Health Monitoring,12, 1, pp.(1-16).
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48. Joshuva, A., Aslesh, A.K.,Sugumaran, V., State of the art of structural health monitoring of wind turbines, 2019, International Journal of Mechanical and Production Engineering Research and Development 9(5), pp. (95-112).
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