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Last 5 years publications

1. Effect of diethyl ether and ethanol as an oxygenated additive on Calophyllum inophyllum biodiesel in CI engine
Ayyasamy Tamilvanan, Kulendran Balamurugan, Bragadeshwaran Ashok, Pandiaraj Selvakumar, Subbaiyan Dhamotharan, Moorthy Bharathiraja, Viswanathan Karthickeyan
Environmental Science and Pollution Research, 1-19
2. Optimization of process parameter in the production of Jatropha Methyl Ester using response surface methodology
C Sasikumar, K Balamurugan, S Jegadheeswaran, R Sathyamurthy
Biocatalysis and Agricultural Biotechnology 27, 101693
3. Parameter optimization of copper nanoparticle synthesis by electrodeposition process using RSM and CS
A Tamilvanan, K Balamurugan, T Mohanraj, P Selvakumar, B Madhankumar
Materials Today: Proceedings
4. Influence of Nano-Particle Additives on Bio-Diesel-Fuelled CI Engines: A Review
A Tamilvanan, K Balamurugan, T Mohanraj, P Selvakumar, B Ashok, R Sakthivel
Recent Technologies for Enhancing Performance and Reducing Emissions in Diesel Engines
5. Mechanical Characteristics of Fly Ash Reinforced Aluminium Metal Matrix Composite-Art of Review
R Palanichamy, J Lakshmipathy, B Kulendran, M Vairavel
International Journal of Advanced Research in Engineering and Technology (IJARET)

6. Effects of nano-copper additive on performance, combustion and emission characteristics of Calophyllum inophyllum biodiesel in CI engine
A Tamilvanan, K Balamurugan, M Vijayakumar
Journal of Thermal Analysis and Calorimetry, 1-14
7. Production, performance and emission analysis of Tamanu oil-diesel blends along with biogas in a diesel engine in dual cycle mode
T Ayyasamy, K Balamurugan, S Duraisamy
International Journal of Energy Technology and Policy 14 (1), 4-19
8. Process parameter optimization in jatropha methyl ester yield using taguchi technique
C Sasikumar, K Balamurugan, S Rajendran, S Naveenkumar
Materials and Manufacturing Processes 31 (6), 701-706
9. Using response surface methodology in synthesis of ultrafine copper nanoparticles by electrolysis
A Tamilvanan, K Balamurugan, K Ponappa, B Madhan Kumar
International Journal of Nanoscience 15 (01n02), 1650001
10. Determination of change in Mechanical Properties of Banana Fibres Treated with Sodium Carbonate, Barium Hydroxide
SC Thiyagarajann, K Balamurugan
International Journal of Printing, Packaging & Allied Sciences 4 (2), 1368-1378
11. Comparative wear behaviour of Al 6063 with sic and nano sic metal matrix composites
MK Aravindan, K Balamurugan
ARPN Journal of Engineering and Applied Sciences 11 (9), 5739-5744
12. Tribological and Corrosion Behaviour of AL 6063/SIC Metal Matrix Composites
MK Aravindan, K Balamurugan
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