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1. Biodiesel with nano additives from coconut shell for decreasing emissions in diesel engines K Vinukumar, A Azhagurajan, SC Vettivel, N Vedaraman, AH Lenin Fuel 222, 180-184 2018

2. Rice husk as nanoadditive in diesel–biodiesel fuel blends used in diesel engine K Vinukumar, A Azhagurajan, SC Vettivel, N Vedaraman Journal of Thermal Analysis and Calorimetry 131 (2), 1333-1343 2018

3. Graphene nanosheet as reinforcement agent in copper matrix composite by using powder metallurgy method NV Ponraj, A Azhagurajan, SC Vettivel, XS Shajan, PY Nabhiraj, … Surfaces and Interfaces 6, 190-196 2017

4. Microstructure, consolidation and mechanical behaviour of Mg/n-TiC composite NV Ponraj, A Azhagurajan, SC Vettivel Alexandria Engineering Journal 55 (3), 2077-2086 2016

5. Effect of milling on dispersion of graphene nanosheet reinforcement in different morphology copper powder matrix NV Ponraj, SC Vettivel, A Azhagurajan, PY Nabhiraj, T Theivasanthi, … Surfaces and Interfaces 9, 260-265 2017

6. Removal of mercury from effluent solution by using banana corm and neem leaves activated charcoal MK Marichelvam, A Azhagurajan Environmental nanotechnology, monitoring & management 10, 360-365 2018

7. Study of processing and microstructure of copper composite reinforced with graphene nanosheet by powder metallurgy technique NV Ponraj, A Azhagurajan, SC Vettivel, XS Shajan, PY Nabhiraj Powder Metallurgy and Metal Ceramics 56 (9-10), 523-534 2018

8. Modeling and Optimization of the Effect of Sintering Parameters on the Hardness of Copper/Graphene Nanosheet Composites by Response Surface Methodology NV Ponraj, A Azhagurajan, SC Vettivel, XS Shajan, PY Nabhiraj, … Metal Science and Heat Treatment 60 (9-10), 611-615 2019

9. Minimisation of total tardiness in hybrid flowshop scheduling problems with sequence dependent setup times using a discrete firefly algorithm MK Marichelvam, A Azhagurajan, M Geetha International Journal of Operational Research 32 (1), 114-126 2018

10. A hybrid fruit fly optimisation algorithm to solve the flow shop scheduling problems with multi-objectives MK Marichelvam, A Azhagurajan, M Geetha International Journal of Advanced Intelligence Paradigms 9 (2-3), 164-185 2017

11   Synthesis of rice husk nano-particles for biodiesel production K Vinukumar, A Azhagurajan, VK Stephen J. Chem. Pharm. Sci. 9 (4), 2671-2673 2016

12   Prevention of explosion accidents by employing boron instead of aluminium in flash powder A Azhagurajan, L Prakash, K Jeyasubramanian
Process Safety and Environmental Protection 131, 160-168 2019

13   Reduction of spare parts inventory through combined analysis technique-a case study in a public sector company in India MK Marichelvam, A Azhagurajan, M Geetha International Journal of Services and Operations Management 28 (4), 495-523 2017

14   Measurement of MIE and LOC for flash powder mixture containing boron to authenticate safety in firework industries A Azhagurajan, L Prakash, K Jeyasubramanian, STJ Christa Measurement 153, 107435 2020

15   Study on nano scale pyrotechnic star chemicals in aerial fireworks manufacturing A Azhagurajan, M Ruvankumar Journal of Achievements in Materials and Manufacturing Engineering 74 (1) , 5-10 2016