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5 years publication list

1. Mothilal,, **K. Pitchandi**, V. Velukumar, K. Parthiban, "CFD and Statistical Approach for optimaization of operating parameters in a Tangential Cyclone Heat Exchanger", March 2018, Journal of Applied Fluid Mechanics
2. Natarajan Shanmugam, **K. Pitchandi**, N.V. Mahalakhmi, "Optimization of performance and emission characterisitcs of PPCCI engine fuelled with ethanol and diesel blends using grey-Taguchi method", February 2018, Journal of Thermal Science
3. Mothilal,, **K. Pitchandi**, V. Velukumar, K. Parthiban, "CFD and Statistical approach for optimization of operating parameters in a tangential cyclone heat exchanger", January 2018, Journal of Applied Fluid Mechanics
4. Mothilal,, **K. Pitchandi**, "Effect of vortex finder dimension on holdup mass and heat transfer rate in cyclone heat exchanger- CFD approach", January 2018, International Journal of Computer Aided Engineering and Technology
5. K. Palani Kumar, A Shadrach Jeya Sekaran, **K. Pitchandi**, " Investigation on mechanical properties of woven alovera/sisal/Kenaf fibres and their hybrid composties", January 2017, Bulletin of Material Science
6. Subbarayan Arumugam, **K. Pitchandi**, " Effect of Karuvel Methylester in a DICl Engine with Spherical and Toroidal Bowl Chamber", January 2017, Asian Journal of Research in Social Science and Humantities
7. P.Raghu, R. Parthiban, K. Pitchandi, N. Nallusamy, " Multi response Optimization of spray characterization of biodiesel in constant volume chamber", December 2016, Jounal of Thermal Science
8. Sathiyamoorthi Ramalingam, G. Sankaranarayanan, K. pitchandi, "Combined effect of Nanoemulsion and EGR on Combustion and Characteristics of neat Lemongrass oil (LGO)-DEE— Diesel blend fuelled diesel engine", October 2016, Applied Thermal Engineering
9. N.M. Raj, Gajendiran Mahadevan, K. Pitchandi, N. Nallusamy," Investigation on aluminium oxide nano particles blended diesel fuel combustion, performance and emission characteristics of a diesel engine", January 2016, 2nd International conference on Advanced Engineering and Technology for suitable Development(ICAETSD)
10. Subbarayan Arumugam, K. Pitchandi, P.K. Selvan,"Experimental and Mathematical modelling in a DICl engine with various combustion chambers, January 2016, Journal of Chemical and Pharamaceutical Services
11. Mothilal,, V.Velukumar, K. Pitchandi, M. Selvin Immanuel, " Effect of cyclone height on holdup mass and heat transfer rate in solid cyclone heat exchanger cfd approach", January 2016, APRN Journal of Engineering and Applied Sciences
12. Gurusamy Viswanathan, K. Pitchandi. Muthukrishnan Nambi, " Studies on Mechanical Properties, Fracture Morphology and Corrosion Behavior of Pulsed MIG welded AZ31B Magnesium Alloy sheets", November 2015, Applied Mechanics and Materials

13. Raghu Palani, N. Nallusamy, K. Pitchandi, " Spray Characteristics of diesel and derivatives in direct injection diesel engines with varying injection pressures", October 2015, Journal of science and Technology
14. Mothilal, K.Pitchandi, " Influence of inlet velocity of air and solid particle feed rate on holdup mass and heat transfer characteristics in cyclone heat exchanger", October 2015, Journal of Mechanical Science and Technology
15. Mothilal, K.Pitchandi, " The effect of Vortex finder diameter and Inlet height on holdup mass and heat transfer characteristics in a cyclone heat exchanger-CFD approach", September 2015, International Journal of Applied Engineering Research
16. A. Shadrach Jeya Sekaran, K. Palani Kumar, K. Pitchandi, " Evaluation on mechanical properties of woven aloevera and sisal fibre hybrid reinforced epoxy composites", September 2015, Bulletin of Materials science
17. P. Raghu, N. Nallusamy, K. Pitchandi, " Spray Characteritics of Diesel and Biodiesel Fuels for Various Injection Timings under Evaporating conditions", August 2015, Applied Mechanics and Materials
18. S. Saravanan, K. Pitchandi, G. Suresh, " An Experimental study on premixed charge compression ignition-direct ignition engine fueled with ethanol and gasohol", August 2015, AEJ-Alexandria Engineering Journal
19. P.Raghu, N. Nallusamy, K.Pitchandi, " Spray Characteristics of Diesel and Biodiesel Fuels for Various Injection Timings under Non Conditions", August 2015. Applied Mechanics and Materials
20. A. Shadrach Jeya Sekaran, K. PalaniKumar, K. Pitchandi, L. Karnuamoorthy,"Mechanical Characteristics of Woven Banana and Glass Giber Epoxy Composites", June 2015, Applied Mechanics and Materials
21. S. Eabenraj kumar, K. Palanikumar, K. Pitchandi, " Cutting Force Analysis in Drilling of Al6061/Mica Particulate Composite", June 2015, Applied Mechanics and Materials
22. Sozhi Arumugam, K. Pitchandi, M. Arveneth, " Effect of Combustion Chamber in a DICI engine with corn oil methyl ester", January 2015, Journal of Chemical and Pharamaceutical Research
23. Mothilal, K. Pitchandi, Velukumar, V. Selvinimmanuel, " Influence of Vortex Finder Diameter and Cone Tip Diameter on Holdup Mass and Heat Transfer Rate in Cyclone – CFD Approach", January 2015, International Journal of Applied Engineering Research