

Experimental investigations on thermal properties of nano-SiO₂/paraffin phase change material (PCM) for solar thermal energy storage applications

Authors: P Manoj Kumar, K Mylsamy, PT Saravanakumar

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Journal Energy Sources: Part A: Recovery, Utilization, and Environmental Effects

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Exergetic investigation and optimization of Arc Shaped Rib Roughened Solar Air Heater Integrated with Fins and Baffles

Authors : P. T. Saravanakumar D.Somasundaram M.M. Matheswaran

Year: 2020

Journal: Applied Thermal Engineering

Volume: 153

K-Nearest Neighbour Technique for the Effective Prediction of Refrigeration Parameter Compatible for Automobile

Authors: Saravanakumar Perundurai Thangavelu Suresh Vellingiri Srinivasan Rajendrian

Year: 2019

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Volume: 1

Pages: 436-440

Experimental investigation on thermal properties of Nano-SiO₂/paraffin phase change material (PCM) for solar thermal energy storage applications

Authors: P.T.Saravanakumar P.Manoj Kumar, K.Mylsamy

Year: 2019

Journal: Energy Source Part A: Recovery, Utilization and Environment Effects

Thermal and thermo-hydraulic analysis of arc shaped rib roughened solar air heater integrated with fins and baffles

Authors:PT Saravanakumar, D Somasundaram, MM Matheswaran

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Ecological effect of corn oil biofuel with SiO₂ nano-additives

Authors:V. Vijayan & A. Godwin Antony P. T. Saravankumar, V. Suresh

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EXPERIMENTAL INVESTIGATIONS ON AUTOMOBILE AIR CONDITIONERS WORKING WITH R134a AND R290/R600a AS AN ALTERNATIVE

Authors: Sivakumar MAYILSAMY and Saravanakumar THANGAVEL Karthikeyan KANDHASWAMY, Somasundaram PERIASAMY

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Improving Performance in Engine Cooling System using Nano fluids

Authors: D.Vijay and G.Santhoshkumar Dr.P.T.Saravanakumar,M.Surya

Year: 2017

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Authors: N.Yuvanshankar Dr.P.T.Saravanakumar,S.Dinesh,M.Usha, V.S.Vemeera

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CFD based Approach to Channel Depth Optimization of Forced Convection Flat Plate Solar Air Heater

Authors: P.T. Saravanakumar

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Thermal Performance of the Flat Plate Solar Air Heaters with Thermal Storage

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