WSEAS Transactions on Heat and Mass Transfer

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Acceptance Rate (for the years 2013 and 2014): 32.42%
Acceptance Rate = C/D where: C = the number of accepted papers, D= the number of submitted papers. Withdrawn Papers are not considered for the numbers C and D.

Topics

Heat and mass transfer Simulation, Modeling and Experimental Research in heat and mass transfer Refrigeration Air-Conditioning Simulation, Modeling and Experimental Research in Refrigeration and Air-Conditioning Transport Phenomena Mathematical Physics problems Diffusion convection Conduction problems Internal Combustion Engines Combustion Steam Generators Thermal Installations Steam-turbines Steam-generators Natural and forced convection Phase change Metal casting Welding, forging and other processes Heat exchangers Bio-heat transfer problems Heat Engineering and Electroscience Micro and Nano Scale Heat Transfer Turbulent heat transfer Heat storage Electronic cooling Air pollution modeling Urban air pollution Transport emissions Global and regional studies Climatology Indoor pollution Pollution engineering Aerosols and particles Emission of Pollutants from Thermal Engines Biogenics, agriculture and landfill emissions Environmental protection Management of heating resources Geoscience Solar Energy Thermal Applications of Solar Energy Renewable energy Industrial applications Energy applications Natural resources Surface/Groundwater resources Soil and rock properties Mineral resources Geological chemistry Atmospheric chemistry Health effects Remote sensing Waste Management Solid Waste Processing Waste pre-treatment Waste Storage Waste Compaction Recycling Bio-Recycling Waste Logistics Water protection Clean Technologies Thermal Pollution in Ecosystems Coastal erosion and sedimentation Sea protection Sea Science Coastal protection Harbours and marinas protection Risk analysis Food contamination Chemical risk assessment Alternative Fuels Social and economic issues

Articles:

Influence of Rheological Behavior of Nanofluid on Heat Transfer
Authors: Adnan Rajkotwala, Jyotirmay Banerjee

Thermochemical Non-Equilibrium Reentry Flows in Two-Dimensions: Eleven Species Model – Part I
Authors: Edisson Sávio De Góes Maciel, Amilcar Porto Pimenta

One-Dimensional Fractional Quasi-Static Thermoelasticity Problem for a Half-Space
Authors: L. A. Fil'Shtinskii, T. A. Kirichok, D. V. Kushnir

Premixed Charge Compression Ignition in a Direct Injection Diesel Engine using Computational Fluid Dynamics
Authors: R. Manimaran, R. Thundil Karuppa Raj, K. Senthil Kumar

Similarity Methods in the Analysis for Laminar Forced Convection on a Horizontal Plate
Authors: Adnan K. Al-Salihi, A. H. Hasmani, M. G. Timol

Starting Effects on the Performance of a Reciprocating Piston Pump Driven by a Wind Machine
Authors: Mahmoud Mohamed El-Ghobashy El-Hagar