Special Issue

Energy Transport Enhancement in Thermal Systems with Nanotechnology

Message from the Guest Editor

The potential topics of interest for this Special Issue include, but are not limited to, the following:

- Heat and mass transport;
- MHD flow of nanofluids;
- Computational methods;
- Convection heat transfer;
- Entropy analysis;
- Enhanced heat transfer techniques;
- Geometrical impacts on thermal transport;
- Flow stability;
- Experimental analysis;
- Heat transfer enhancement in engineering devices;
- Artificial Neural Network (ANN);
- Porous media impacts on buoyant flow;
- Dual buoyancy thermal transport;
- Design and control of energy systems with artificial intelligence;
- Radiation heat transfer;
- Heat conduction;
- Condensation, boiling and evaporation;
- Heat exchanger design;
- Solar–thermal energy;
- Geothermal energy;
- Bioenergy;
- Turbulent flow.

Guest Editor

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Deadline for manuscript submissions

closed (30 April 2024)

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Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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