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LIST OF PUBLICATIONS

Journals

1. Srivastava K, Sahoo RR. Taguchi and ANN model optimization for uni-array vortex generator incorporated rectangular channel for high thermo-hydraulic performance. *International Journal of Thermal Sciences*. 2025;210:109634. <https://doi.org/10.1016/j.ijthermalsci.2024.109634>.
2. Srivastava K, Sahoo RR. Experimental and numerical study on thermal performance of new envelope and triangular vortex generators with different pitch and angle of attack. *Thermal Science and Engineering Progress*. 2024;49:102459. <https://doi.org/10.1016/j.tsep.2024.102459>
3. Srivastava K, Sahoo RR. Impact of a new envelope winglet vortex generator on engine power and thermoelectric waste heat recovery. *Journal of Thermal Analysis and Calorimetry*. 2023;148(24):14319-36. <https://doi.org/10.1007/s10973-023-12582-7>.
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9. Srivastava K, Sahoo RR. Thermal, exergetic, and performance analysis of dissimilar-shaped nanoparticles hybrid nanofluid for flow across minichannel heat sink. *Journal of Thermal Analysis and Calorimetry*. 2023;148(14):7501-18. <https://doi.org/10.1007/s10973-023-12191-4>.

Conferences

1. Thermoelectric Generators for Waste Heat Utilization: Means to reduce Fossil Fuel Consumption and Produce Electricity, VII International Conference on "Sustainable Energy and Environmental Challenges" (VII SEEC).
2. Preparation, Characterization, and Hydrothermal Performance of Carbon Quantum Dots-based Nanofluid for Coolant Application, 9th National and 30th All India Manufacturing Technology, Design and Research Conference.
3. Performance enhancement of Thermoelectric Generator using Dissimilar Material employing multistage configuration, 27th National and 5th International ISHMT-ASTFE Heat and Mass Transfer Conference.