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| SERIAL NUMBER | JOURNAL PAPER PUBLISHED | YEAR |
|------------------|--|------|
| 1 | Experimental Studies on Thermophysical and Electrical Properties of Graphene–Transformer Oil Nanofluid | 2020 |
| 2 | Heat transfer and fluid flow characteristics in a plate heat exchanger filled with copper foam | 2020 |
| 3 | Feasibility of using multiport minichannel as thermosyphon for cooling of miniaturized electronic devices | 2020 |
| 4 | Experimental and numerical studies on heat transfer enhancement for air conditioner condensers using a wavy fin with a rectangular winglet | 2020 |
| 5 | Experimental investigation on two-phase heat transfer of R-134a during vaporization in a plate heat exchanger with rough surface | 2020 |
| 6 | Effect of geometrical parameters on the evaporative heat transfer and pressure drop of R-134a flowing in dimpled tubes | 2020 |
| 7 | Effect of Magnetic Field on the Laminar Heat Transfer Performance of Hybrid Nanofluid in a Lid Driven Cavity Over Solid Block | 2020 |
| 8 | Thermal Management of Electronic Devices Using Gold and Carbon Nanofluids in a Lid-Driven Square Cavity under the Effect of Variety of Magnetic Fields | 2020 |
| 9 | Thermal performance enhancement studies using graphite nanofluid for heat transfer applications | 2020 |
| 10 | Effect of coated mesh wick on the performance of cylindrical heat pipe using graphite nanofluids | 2020 |
| 11 | Dynamics of rising bubbles in gradually mixing fluids due to the effect of Rayleigh-Taylor instability | 2020 |
| 12 | Cooling of high heat flux electronic devices using ultra-thin multiport minichannel thermosyphon | 2020 |
| 13 | Experimental Investigations of Glycerin/Al ₂ O ₃ Nanofluid in the Hydrodynamically Developing Region for Automotive Cooling Applications | 2020 |

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| 14 | Experimental Investigations of Glycerin/Al ₂ O ₃ Nanofluid in the Hydrodynamically Developing Region for Automotive Cooling Applications | 2019 |
| 15 | Experimental investigation of the heat transfer and pressure drop characteristics of SiO ₂ /water nanofluids flowing through a circular tube equipped with free rotating swirl ... | 2019 |
| 16 | Experimental study on evaporative heat transfer and pressure drop of R-134a in a horizontal dimpled tube | 2019 |
| 17 | Effect of Filling Ratio and Tilt Angle on the Performance of a Mini-Loop Thermosyphon | 2019 |
| 18 | Experimental investigation of condensation heat transfer on chlorotriethylsilane coated grooved vertical tube | 2019 |
| 19 | Application of the heat pipe to enhance the performance of the vapor compression refrigeration system | 2019 |
| 20 | Fluid flow and heat transfer characteristics of heat sinks with laterally perforated plate fins | 2019 |
| 21 | Performance prediction of hybrid thermoelectric generator with high accuracy using artificial neural networks | 2019 |
| 22 | Effect of uniform/non-uniform magnetic field and jet impingement on the hydrodynamic and heat transfer performance of nanofluids | 2019 |
| 23 | Thermophysical properties of refined kerosene—alumina nanofluid | 2019 |
| 24 | Heat transfer performance of a compact loop heat pipe with alumina and silver nanofluid | 2019 |
| 25 | Sizing charts of helical capillary tubes used in refrigeration and air conditioning | 2019 |
| 26 | Thermal performance of plate fin heat sink combined with copper foam | 2019 |
| 27 | Absorption refrigeration system using engine exhaust gas as an energy source | 2018 |
| 28 | Thermal Management of Electronic Devices Using Combined Effects of Nanoparticle Coating and Graphene–Water Nanofluid in a Miniature Loop Heat Pipe | 2018 |
| 29 | Experimental investigation on the performance of a parallel plate-based active magnetic regenerator | 2018 |
| 30 | Power generation from combusted “syngas” using hybrid thermoelectric generator and forecasting the performance with ann technique | 2018 |
| 31 | Experimental investigation of condensation heat transfer on chlorotriethylsilane coated grooved vertical tube | 2018 |
| 32 | Convective heat transfer analysis of refined kerosene with alumina particles for rocketry application | 2018 |

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| 33 | Effect of nanoparticle coating on the performance of a miniature loop heat pipe for electronics cooling applications | 2018 |
| 34 | Heating and cooling capacity of phase change material coupled with screen mesh wick heat pipe for thermal energy storage applications | 2018 |
| 35 | Numerical study on convective heat transfer characteristics of silver/water nanofluid in minichannel | 2017 |
| 36 | Performance of cylindrical and flattened heat pipes at various inclinations including repeatability in anti-gravity–A comparative study | 2017 |
| 37 | Power generation enhancement with hybrid thermoelectric generator using biomass waste heat energy | 2017 |
| 38 | Performance analysis of (Bi ₂ Te ₃ -PbTe) hybrid thermoelectric generator | 2017 |
| 39 | Thermal performance of a vapor chamber for electronic cooling applications | 2017 |
| 40 | Measurement of thermophysical properties of Al ₂ O ₃ /glycerin (G13) nanofluid for automotive radiator cooling applications | 2017 |
| 42 | Entropy generation analysis of a miniature loop heat pipe with graphene–water nanofluid: thermodynamics model and experimental study | 2017 |
| 43 | Experimental Convective Heat Transfer Studies on Graphene Nanofluid for the Cooling of Next Generation Electronic Components | 2017 |
| 44 | Experimental Investigation of Thermo-Physical Properties of Al ₂ O ₃ Nanofluid on Commercially Available Blue Dyed Kerosene for Low Volume Concentration | 2017 |
| 45 | Air-side performance of a micro-channel heat exchanger in wet surface conditions | |
| 46 | Entropy generation analysis of graphene–alumina hybrid nanofluid in multiport minichannel heat exchanger coupled with thermoelectric cooler | 2016 |
| 47 | Effect of filling ratio on the performance of a novel miniature loop heat pipe having different diameter transport lines | 2016 |
| 48 | Comparative study of the effect of hybrid nanoparticle on the thermal performance of cylindrical screen mesh heat pipe | 2016 |
| 49 | An experimental study on two-phase flow patterns and heat transfer characteristics during boiling of R134a flowing through a multi-microchannel heat sink | 2016 |
| 50 | Thermoelectric cooling of electronic devices with nanofluid in a multiport minichannel heat exchanger | 2016 |
| 51 | Thermal performance of miniature loop heat pipe with graphene–water nanofluid | 2016 |

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| 52 | Effect of volume concentration and temperature on viscosity and surface tension of graphene–water nanofluid for heat transfer applications | 2016 |
| 53 | Analysing the performance of a flat plate solar collector with silver/water nanofluid using artificial neural network | 2016 |
| 54 | The role of hybrid nanofluids in improving the thermal characteristics of screen mesh cylindrical heat pipes | 2016 |
| 55 | Measurement of thermal conductivity of graphene–water nanofluid at below and above ambient temperatures | 2016 |