

List of Publications in Journals:

1. Sumit Kr Singh, Jahar Sarkar. “Energy and exergy and economic assessments of shell and tube condenser using hybrid nanofluid as coolant”, *International communications in Heat and Mass Transfer*, vol. 98 (2018) pp. 41-48.
2. Sumit Kr Singh, Jahar Sarkar. “Improving the Energy Performance of Tubular Heat Exchangers Using Nanofluids: A Review”, *Current Nanoscience*, vol. 16 (2020) pp. 136-156.
3. Sumit Kr Singh, Jahar Sarkar. “Improving hydrothermal performance of double- tube heat exchanger with modified twisted tape inserts using hybrid nanofluid”, *Journal of Thermal Analysis and Calorimetry*, (2020)
<https://doi.org/10.1007/s10973-020-09380-w>
4. Sumit Kr Singh, Jahar Sarkar. “Improving hydrothermal performance of hybrid nanofluid in double tube heat exchanger using tapered wire coil turbulator”. *Advanced Powder Technology*, vol. 31 (2020) pp. 2092-2100.
5. Sumit Kr Singh, Jahar Sarkar. “Experimental hydrothermal characteristics of concentric tube heat exchanger with V-cut twisted tape turbulator using PCM dispersed mono/hybrid nanofluids”. *Experimental Heat Transfer*, (2020).
<https://doi.org/10.1080/08916152.2020.1772412>