

List of publications

A. Journals

1. Sonker, V. K.; Chakraborty, J. P.; Sarkar, A. "Performance assessment of a passive solar still integrated with thermal energy storage and nanoparticle stored in copper cylinders". **International Journal of Energy and Research** 2020, 42. DOI: **10.1002/er.5982**.
2. Sonker, V. K.; Chakraborty, J. P.; Sarkar, A. "Solar distillation using three different phase change materials stored in a copper cylinder". **Energy Reports** 2019, 5, 1532-1542. DOI: <http://doi.org/10.1016/j.egy.2019.10.023>.
3. Sonker, V. K.; Chakraborty, J. P.; Sarkar, A. "An extensive review of solar still parameters affecting its productivity". **Experimental Heat Transfer**. (Submitted to the journal)
4. Sonker, V. K.; Chakraborty, J. P.; Sarkar, A. "Heat transfer coefficients and productivity of the frugal solar still integrated with a novel economic model". **Solar Energy**. (Manuscript to be submitted).

B. Conference proceedings

1. Varun Kumar Sonker, Arnab Sarkar, Jyoti Prasad Chakraborty, Single slope solar still productivity enhancement using phase change material and copper oxide (CuO) nanoparticle, 1st International Conference on Nanofluids (ICNf2019) 2nd European Symposium on Nanofluids (ESNf2019) 26-28 June 2019, Castelló, Spain.
2. Varun Kumar, Arnab Sarkar, Jyoti Prasad Chakraborty, Solar distillation using phase change materials, 25th National and 3rd International ISHMT-ASTFE Heat and Mass Transfer Conference (IHMTTC-2019), 28-31 December 2019.