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Journals:

1. M. Suresh, B. Rahul, Sharan Srinivasan and Vinaya Krishna, "Numerical investigations on enhancement of bi-evaporator compression refrigeration system using ejector as expansion device", AIP Conference Proceedings, 2161, 020028 October 2019
2. Adhithiya Sivakumar, Anandh R, Arjun Anantharaman and Suresh M, "Multi Stage Power Generation in an Open Canal System by Accelerated Flow", Journal of Informatics and Mathematical Sciences, Vol. 10, Nos. 1 & 2, pp. 313–320, 2018
3. M. Suresh and S. Nirmal, "Investigations on a Vortex Tube as Industrial Auxiliary Cooling Device", International Journal of Mechanical and Production Engineering Research and Development, Vol. 8, Special Issue 7, 319-325, Oct 2018
4. S. Arun, M. Suresh, "Numerical Investigations on Single Effect Absorption and Combined Ejector-Absorption Refrigeration Systems", International Journal of Mechanical and Production Engineering Research and Development, Vol. 8, Special Issue 7, 505-514, Oct 2018

Top 5 Publications:

1. PM Sivaram, N Nallusamy, M Suresh, Experimental and numerical investigation on solar parabolic trough collector integrated with thermal energy storage unit, International Journal of Energy Research, 40, 1564 – 1575, 2016, Wiley, Impact Factor 3.343
2. AK Lakshminarayanan, M Suresh, M Sibi Varshan, Thermal Performance Evaluation of Friction Stir Welded and Bolted Cold Plates with Al/Cu Interface, The Journal of The Minerals, Metals & Materials Society (JOM), 67, 1032 – 1044, 2015, Springer, Impact Factor 2.305.
3. M.Suresh, A.Mani, Heat and mass transfer studies on a compact bubble absorber in R134a-DMF based vapour absorption refrigeration system, International Journal of Refrigeration, 36, 1004-1014, 2013, Elsevier, Impact Factor 3.177.
4. M.Suresh, A.Mani, Experimental studies on heat and mass transfer characteristics for R134a–DMF bubble absorber, International Journal of Refrigeration, 35, 1104-1114, 2012, Elsevier, Impact Factor 3.177.
5. M.Suresh, A.Mani, Heat and mass transfer studies on R134a bubble absorber in R134a/DMF solution based on phenomenological theory, International Journal of Heat and Mass Transfer, 53, 2813-2825, 2010, Elsevier, Impact Factor 4.346.