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Publications:

1. S Sundararaj, R Manivannan, "Comparative energetic and exergetic analysis of vapour compression refrigeration system with Au, HAuCl₄ and CNT nanoparticles", AIP Conference Proceedings 2270 (1), 110038, 2020.
2. R Manivannan, S Sundararaj, R Dheenasagar, K Giridharan, PR Sivaraman, V Udhayarani, "Influence of Al₂O₃, SiC and B₄C covalent multilayer PVD coating on surface properties of HSS rod", Materials Today: Proceedings, 2020.
3. S Sundararaj, BA Abraham, P Krishnakumar, "Computational fluid dynamics analysis of flow in diffuser of a desiccant type air dryer", Materials Today: Proceedings, 2020.
4. S Sundararaj, K Dharsan, J Ganeshraman, D Rajarajeswari, "Structural and modal analysis of hybrid low altitude self-sustainable surveillance drone technology frame", Materials Today: Proceedings, 2020.
5. K Mohan, S Sundararaj, KG Kannan, A Kannan, "Experimental analysis on refrigeration system using CNT, gold & HAuCl₄ nano fluids", Materials Today: Proceedings, 2020.
6. R Dhivagar, S Sundararaj, "Thermodynamic and water analysis on augmentation of a solar still with copper tube heat exchanger in coarse aggregate", Journal of Thermal Analysis and Calorimetry 136 (1), 89-99, 2019.
7. R Dhivagar, S Sundararaj, VR Vignesh, "Biodiesel from lemon and lemon grass oil and its effect on engine performance and exhaust emission", MS&E 330 (1), 012103, 2018.
8. R Dhivagar, S Sundararaj, "A review on methods of productivity improvement in solar desalination", Applied Mechanics and Materials 877, 414-429, 2018.
9. S Sundararaj, RS Kumar, S Misshal, C Siddharth, V Soundar, "The effect of refrigerant pairs on performance of multi-cycle vapour compression system", Advances in Natural and Applied Sciences 10 (7 SE), 112-123, 2016.