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Publications:

1. Nadiya Philip, C Veerakumar, A Sreekumar, "Lauryl alcohol and stearyl alcohol eutectic for cold thermal energy storage in buildings: Preparation, thermophysical studies and performance analysis", Journal of Energy Storage, Vol 31, pp 101600, 2020.
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4. G Raam Dheep, A Sreekumar, "Experimental Studies on Energy and Exergy Analysis of a Single-Pass Parallel Flow Solar Air Heater", Journal of Solar Energy Engineering, Vol 142, 2020.
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6. G Raam Dheep, A Sreekumar, "Thermal reliability and corrosion characteristics of an organic phase change materials for solar space heating applications", Journal of Energy Storage, Vol 23, pp 98-105, 2019.
7. A. Sreekumar C.Veerakumar," A real-time experimental investigation of building integrated thermal energy storage with air-conditioning system for indoor temperature regulation", Energy Storage, 2019.
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13. Sreekumar A Raam Dheep G, "Investigation on thermal reliability and corrosion characteristics of Glutaric acid as organic phase change material for solar thermal energy storage applications", *Applied Thermal Engineering*, 2017.
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15. MA Aravindh, A Sreekumar, "Efficiency enhancement in solar air heaters by modification of absorber plate-a review", *International Journal of Green Energy*, Vol 13, pp 1209-1223, 2016.
16. C Veerakumar, A Sreekumar, "Phase change material based cold thermal energy storage: Materials, techniques and applications—A review", *International journal of refrigeration*, Vol 67, pp 271-289, 2016.
17. G Raam Dheep, A Sreekumar, "Influence of accelerated thermal charging and discharging cycles on thermo-physical properties of organic phase change materials for solar thermal energy storage applications", *Energy conversion and management*, Vol 105, pp 13-19, 2015.
18. G. Raam Dheep and A. Sreekumar S.M. Santhi Rekha, "Design and development of solar parabolic concentrator with sensor based tracking system", *Energy Research and Environmental Management: An Innovative Approach*, 2015.