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**LAST FIVE YEARS PUBLICATION LIST :**

1. S Salyan, B Praveen, H Singh, **S Suresh**, AS Reddy, **2020**, 'Liquid Metal Gallium in Metal Inserts for Solar Thermal Energy Storage: A Novel Heat Transfer Enhancement Technique', Solar Energy Materials and Solar Cells 208, 110365.
2. V Pethurajan, **S Suresh**, A Mojiri, AJ Konatt, **2020**, 'Microencapsulation of nitrate salt for solar thermal energy storage-synthesis, characterisation and heat transfer study', Solar Energy Materials and Solar Cells 206, 110308.
3. M Muraleedharan, H Singh, M Udayakumar, **S Suresh**, **2019**, 'Modified active solar distillation system employing directly absorbing Therminol 55–Al<sub>2</sub>O<sub>3</sub> nano heat transfer fluid and Fresnel lens concentrator', Desalination 457, 32-38.
4. K Karthick, **S Suresh**, MMMD Hussain, HM Ali, CSS Kumar, **2019**, 'Evaluation of solar thermal system configurations for thermoelectric generator applications: A critical review', Solar Energy 188, 111-142.
5. B Praveen, **S Suresh**, V Pethurajan, **2019**, 'Heat transfer performance of graphene nano-platelets laden micro-encapsulated PCM with polymer shell for thermal energy storage based heat sink', Applied Thermal Engineering 156, 237-249.

6. R Anish, V Mariappan, **S Suresh**, **2019**, 'Experimental investigation on melting and solidification behaviour of erythritol in a vertical double spiral coil thermal energy storage system', *Sustainable Cities and Society* 44, 253-264.
7. V Pethurajan, **S Suresh**, GC Joy, **2018**, 'Issues, comparisons, turbine selections and applications—An overview in organic Rankine cycle', *Energy Conversion and Management* 166, 474-488.
8. M Arulprakasajothi, K Elangovan, U Chandrasekhar, **S Suresh**, **2018**, 'Performance study of conical strip inserts in tube heat exchanger using water based titanium oxide nanofluid', *Thermal Science* 22 (1 Part B), 477-485.
9. A Rajeshkannan, E Guyot, **AK Jeevanantham**, **2018**, 'Experimental studies of water-based titanium oxide nanofluid in a circular pipe under transition flow with conical strip inserts', *Materials Today: Proceedings* 22, 1822-1828.
10. KP Venkitaraj, **S Suresh**, **2017**, 'Experimental study on thermal and chemical stability of pentaerythritol blended with low melting alloy as possible PCM for latent heat storage', *Experimental Thermal and Fluid Science* 88, 73-87.
11. U Kumar, **S Suresh**, MR Thansekhar, D Babu, **2017**, 'Effect of diameter of metal nanowires on pool boiling heat transfer with FC-72', *Applied Surface Science* 423, 509-520.
12. M Dharmendra, **S Suresh**, CSS Kumar, Q Yang, **2016**, 'Pool boiling heat transfer enhancement using vertically aligned carbon nanotube coatings on a copper substrate', *Applied Thermal Engineering* 99, 61-71.
13. M Arulprakasajothi, K Elangovan, KHC Reddy, **S Suresh**, **2016**, 'Experimental investigation on heat transfer effect of conical strip inserts in a circular tube under laminar flow', *Frontiers in Energy* 10 (2), 136-142.

14. PM Kumar, J Kumar, R Tamilarasan, S Sendhilnathan, **S Suresh, 2015**, 'Review on nanofluids theoretical thermal conductivity models', Engineering Journal 19 (1), 67-83.
15. M Arulprakasajothi, K Elangovan, KHC Reddy, **S Suresh, 2015**, 'Heat transfer study of water-based nanofluids containing titanium oxide nanoparticles', Materials Today: Proceedings 2 (4-5), 3648-3655.