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**Publication Details:**

1. M Sivashankar, C Selvam, S Manikandan, S Harish, "Performance improvement in concentrated photovoltaics using nano-enhanced phase change material with graphene nanoplatelets, Energy 208, 118408.
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8. SK Singh, DSK Reddy, M Mukherjee, M Manikandan, P Kumar, " Discussion of "Wave-current generated turbulence over hemisphere bottom roughness by Barman et al., Estuarine, Coastal and Shelf Science 208, 49-51, 2018.
9. R Lamba, S Manikandan, SC Kaushik, SK Tyagi, " Thermodynamic modelling and performance optimization of trapezoidal thermoelectric cooler using genetic algorithm," Thermal Science and Engineering Progress 6, 236-250,2018.
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15. R Hans, SC Kaushik, S Manikandan, “ [Experimental study and analysis on novel thermoelectric cooler driven by solar photovoltaic system](#)” Applied Solar Energy 52 (3), 205-210, 2016.
16. SC Kaushik, S Manikandan, R Hans, “ [Energy and exergy analysis of an annular thermoelectric heat pump](#)” Journal of Electronic Materials 45 (7), 3400-3409, 2016.
17. S Manikandan, SC Kaushik, K Anusuya, “ [Thermodynamic modelling and analysis of thermoelectric cooling system](#)” 2016 International Conference on Energy Efficient Technologies for Sustainability.
18. S Manikandan, SC Kaushik, “ [The influence of Thomson effect in the performance optimization of a two stage thermoelectric generator](#)” Energy 100, 227-237, 2016.
19. R Hans, SC Kaushik, S Manikandan, “ [Performance optimisation of two-stage exoreversible thermoelectric heat pump in electrically series, parallel and isolated configurations](#)” International Journal of Energy Technology and Policy 12 (4), 313-332, 2016.
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