

1. M. Vivar, M. Fuentes, N. Pichel, A. López-Vargas, M.J. Rodrigo, K. Srithar, Photovoltaic and solar disinfection technology meeting the needs of water and electricity of a typical household in developing countries: From a Solar Home System to a full-functional hybrid system, *Science of the Total Environment* 747, 141082, 2020
2. K Srithar, T Rajaseenivasan, M Sabeer, T Thirunavukkarasu, V Pavendan, Heat Transfer Study in CPC Solar Water Heater with Turbulators. *TERI Information Digest on Energy and Environment*, 17 (1), 13-24, 2018
3. M.S. Govardhanan, G. Kumaraguruparan, M. Kameswari, R. Saravanan, M. Vivar, K Srithar, Photovoltaic module with Uniform water flow on top surface, *International Journal of Photo Energy*, (2020) 1-9,2020
4. K. Srithar, T. Rajaseenivasan, M. Arulmani, R. Gnanavel, M. Vivar, Manuel Fuentes. Energy recovery from a vapour compression refrigeration system using humidification dehumidification desalination. *Desalination*, 439, 155-161, 2018
5. T Rajaseenivasan, K Srithar, Recent fresh water augmentation techniques in solar still and HDH desalination – A review, *Renewable and sustainable energy reviews*, (82) 629-644, 2018
6. T Rajaseenivasan, K Srithar, An investigation into a laboratory scale bubble column humidification-dehumidification desalination system powered by biomass energy, *Energy Conversion and Management*, (139) 232-244, 2017
7. T Rajaseenivasan, R Prakash, K Vijayakumar, K, Srithar, Mathematical and experimental investigation on the influence of basin height variation and stirring of water by solar PV panels in solar still, *Desalination* 415, 67-75, 2017
8. T Rajaseenivasan, S Ravi Prasanth, M Salamon Antony, K Srithar, Experimental investigation on the performance of an impinging jet solar air heater, *Alexandria Engineering Journal* 56, 63-69, 2017
9. K. Srithar, T. Rajaseenivasan, G. Hari Prasath, P. Saravanan. Augmentation of distillate yield in a parabolic concentrator integrated solar still. *Journal of Desalination and Water Purification*, 9, 10-15, 2017.
10. K Kalidasa Murugavel, K Srithar, Single basin double slope solar still: Year round performance prediction for local climatic conditions at Southern India, *Thermal Science*, S429-438, 2013

11.C Muthusamy, K Srithar, Energy saving potential in humidification-dehumidification desalination system, Energy, 118, 729-741, 2017

12.T Rajaseenivan, AP Tinnokesh, G Rajesh Kumar, K Srithar, Glass basin solar still with integrated preheated water supply-Theoretical and Experimental investigation,Desalination 398, 214-221,2016

13.T Rajaseenivasan, V Srinivasan, G Syed Mohamed Qadir, K Srithar,An Investigation on the performance of sawdust briquette blending with neem power,Alexandria Engineering Journal 55, 2833-2838,2016