

**Dr. K Srithar,**  
**Professor,**  
**Thiagarajar College Of Engineering.**

**1. Publications in International journals: (Total: 69 papers)**

<http://scholar.google.co.in/citations?hl=en&user=QP3M8aYAAAAJ>

<b>INTERNATIONAL JOURNALS</b>				
<b>S.No.</b>	<b>Title of Paper</b>	<b>Author (s)</b>	<b>Name &amp; Vol. Of Journal &amp; Year</b>	<b>Page Nos.</b>
1.	Effect of cover plate transmittance on solar still performance	K. Kalidasa Murugavel, K. Srithar	International Journal of Green Energy	<b>2015</b> 12, 431-439
2.	Heat Transfer Augmentation in a Solar water heater using Cross and Twisted Tape Inserts	V. Pavendan, K. Muthukumar, N. Arivazhagan, K. Srithar	International Journal of Applied Engineering Research	<b>2015</b> 10 (6), 14739-14754
3.	Efficiency Intensification of Humidification-Dehumidification Desalination System using different inserts in air heater	K. Srithar, C. Muthusamy, R. Periyasamy, G. Nishanth	International Journal of Applied Engineering Research	<b>2015</b> 10 (5), 13675-13690
4.	Experimental and theoretical analysis of solar still with glass basin	A. Alaudeen, A. Syed Abu Thahir, K. Vasanth, A. Maria Infant Tom, K. Srithar	Desalination and Water Treatment	<b>2015</b> 54(6) 1489-1498
5.	Stand alone triple basin solar desalination system with cover cooling and parabolic dish concentrator	K.Srithar, T. Rajaseenivasan, N.Karthik, M.Periannan, M. Gowtham	Renewable Energy	<b>2016</b> (90) 157-165
6.	A review on flash evaporation desalination	M. Maria Antony Raj, K. Kalidasa Murugavel, T. Rajaseenivasan, K. Srithar	Desalination and Water Treatment	<b>2016</b> 57 (29), 13462 – 13471.
7.	Performance investigation on solar still with circular and square fins in basin with CO <sub>2</sub> mitigation and economic analysis	T. Rajaseenivasan, K.Srithar	Desalination	<b>2016</b> (380) 66-74
8.	Glass basin solar still with integrated preheated water supply- Theoretical and Experimental investigation	T. Rajaseenivasan, A.P. Tinnokesh, G. Rajesh Kumar, K.Srithar	Desalination	<b>2016</b> (398) 214-221
9.	An Investigation on the performance of sawdust briquette blending with neem power	T. Rajaseenivasan, V. Srinivasan, G. Syed Mohamed Qadir, K.Srithar	Alexandria Engineering Journal	<b>2016</b> (55) 2833-2838

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10.	Combined probation of bubble column humidification dehumidification desalination system using solar collectors	T. Rajaseenivasan, R.K. Shanmugam, V.M. Hareesh, K.Srithar	Energy	<b>2016</b> (116) 459-469
11.	Experimental investigations on mixing of two biodiesel blended with diesel as alternative fuel for diesel engines	K. Srithar, K. Arun Balasubramanian, V. Pavendan, B. Ashok Kumar	Journal of King Saud University-Engineering Sciences	<b>2017</b> 29, 50-56
12.	Performance analysis on a solar bubble column humidification dehumidification desalination system	K. Srithar, T. Rajaseenivasan	Process Safety and Environmental Protection	<b>2017</b> (105) 41 – 50
13.	Potential of a dual purpose solar collector on humidification dehumidification desalination system	T. Rajaseenivasan, K. Srithar	Desalination	<b>2017</b> (404) 35-40
14.	Energy saving potential in humidification-dehumidification desalination system	C. Muthusamy, K. Srithar	Energy	<b>2017</b> (118) 729-741
15.	An investigation into a laboratory scale bubble column humidification dehumidification desalination system powered by biomass energy	T. Rajaseenivasan, K. Srithar	Energy Conversion and Management	<b>2017</b> (139) 232-244
16.	Experimental investigation on the performance of an impinging jet solar air heater	T. Rajaseenivasan, S. Ravi Prasanth, M. Salamon Antony, K. Srithar	Alexandria Engineering Journal	<b>2017</b> (56) 63-69
17.	Mathematical and experimental investigation on the influence of basin height variation and stirring of water by solar PV panels in solar still	T. Rajaseenivasan, R. Prakash, K. Vijayakumar, K. Srithar	Desalination	<b>2017</b> (415) 67-75
18.	Recent fresh water augmentation techniques in solar still and HDH desalination – A review	K. Srithar, T. Rajaseenivasan	Renewable and sustainable energy reviews	<b>2018</b> (82) 629-644
19.	Augmentation of distillate yield in a parabolic concentrator integrated solar still	K. Srithar, T. Rajaseenivasan, G. Hari Prasath, P. Saravanan	Journal of Desalination and Water Purification	<b>2017</b> (9) 10-15
20.	Energy recovery from a vapour compression refrigeration system	K. Srithar, T. Rajaseenivasan,	Desalination	<b>2018</b> (439) 155-161

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S.No.	Title of Paper	Author (s)	Name & Vol. Of Journal & Year	Page Nos.
	using humidification dehumidification desalination	M.Arulmani, R. Gnanavel, M. Vivar, Manuel Fuentes		
21.	Heat Transfer Study in CPC Solar Water Heater with Turbulators	K. Srithar, T. Rajaseenivasan, M. Sabeer, T. Thirunavukkarasu, V . Pavendan	TERI Information Digest on Energy and Environment	<b>2018</b> (1) 13-24
22.	Photovoltaic module with Uniform water flow on top surface	M.S. Govardhanan, G. Kumaraguruparan, M. Kameswari, R. Saravanan, M. Vivar, K Srithar	International Journal of Photo Energy	<b>2020</b> (2020) 1-9
23.	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	M. Vivar M. Fuentes, N. Pichel A. López-Vargas M.J. Rodrigo K. Srithar	Science of the Total Environment	<b>2020</b> (747) 141082