

### In SCI Journals

S. NO	Title of the Paper	Author(s)	Name of the Journal	Vol. & Year	Pages	Impact factor
1	An extensive review on thermodynamic aspect based solar desalination techniques	<u>Sivakumar Vaithilingam, Ganapathy Sundaram Esakkimuthu, Ravinder Kumar et al</u>	Journal of Thermal Analysis and Calorimetry	2020	Available in online	2.471
2	Inferences on the Effects of Geometries and Heat Transfer Fluids in Multi Cavity Solar Receivers by using CFD	D.R Rajendran, E.Ganapathy Sundaram, P.Jawahar, et al	Environmental Science and Pollution Research	27, 2020	32205-32217	3.056
3	Review on influencing parameters in the performance of concentrated solar power collector based on materials, heat transfer fluids and design	D.R Rajendran, E.Ganapathy Sundaram, P.Jawahar, V.Sivakumar, Omid Mahian, et al	Journal of Thermal Analysis and Calorimetry	140, 2020	33-51	2.471
4	A comparison study on emission characteristics of using higher alcohol oxygenates with gasoline in multi point fuel injection spark ignition engine	Gopinath D Ganapathy Sundaram E	Journal of Testing and Evaluation.	48, 2020	260-272	0.877
5	Experimental measurement of physico-chemical properties of oxygenate (DIPE) blended gasoline	Gopinath D Ganapathy Sundaram E	Measurement	134, 2019	280-285	3.364
6	Preparation and characterization of pyrolytic oil through pyrolysis of neem seed and study of performance, combustion and emission characteristics in CI engine	Alagu R.M and Ganapathy Sundaram E	Journal of the Energy Institute	91 & 2018	100-109	4.748
7	Investigation of n-butanol as fuel in a four-cylinder MPFI SI engine	Gopinath D Ganapathy Sundaram E , Yashwanth Kutti et al	Energy	125 & 2017	726-735	6.082

8	Experimental studies on the thermal performance of a parabolic dish solar receiver with the heat transfer fluids SiC + water nano fluid and water	Rajendran D.R., Ganapathy Sundaram E & Jawahar P	Journal of Thermal Science	26 & 2017	263-272	1.972
9	Experimental Study on Performance, Combustion, and Emission Behaviour of Diisopropyl Ether lends in MPFI SI Engine.	Gopinath D and Ganapathy Sundaram E	Fuel	173 & 2016	37-44	5.578
10	Experimental studies on quality of desalinated water derived from single slope passive solar still	Siva Kumar V and Ganapathy Sundaram E	Desalination and Water treatment	27 & 2016,	2745 8-2746 8	1.302
11	Thermal and catalytic slow pyrolysis of Calophyllum inophyllum fruit shell	Alagu R.M and Ganapathy Sundaram E and Natarajan E	Bio resource Technology	193 & 2015	463-468	7.539
12	Investigation on the effects of heat capacity on the theoretical analysis of single slope passive solar still	Siva Kumar V and Ganapathy Sundaram E	Desalination and Water treatment	57 & 2015	9190-9202	1.302

#### Others (Non SCI and Non Scopus Indexed)

S. No	Title of the Paper	Author(s)	Name of the Journal	Vol. & Year	Pages
1	Experimental studies on Thermal and catalytic slow pyrolysis of groundnut shell to pyrolytic oil	Alagu R.M and Ganapathy Sundaram E	Applied Mechanics and Materials	787 & 2015	67-71
2	Effect of heat capacity of basin material and glass cover on distillate yield of single slope passive solar still- A theoretical Investigation	Siva Kumar V and Ganapathy Sundaram E	Applied Mechanics and Materials	787 & 2015	43-47