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5 years publication list

(i) In SCI Journals

| S. NO | Title of the Paper | Author(s) | Name of the Journal | Vol.& Year | Page s | Impact factor |
|--------------|---|---|------------------------------------|-----------------------|---------------|----------------------|
| 1. | 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. | Accepted | - | 0.721 |
| 2 | Experimental measurement of physico-chemical properties of oxygenate (DIPE) blended gasoline | Gopinath D Ganapathy Sundaram E , | Measurement | 134, 2019 | 280-285 | 2.312 |
| 3 | 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 | 4.217 |
| 4 | Investigation of n-butanol as fuel in a four-cylinder MPFI SI engine | Gopinath D Ganapathy Sundaram E , Yashwanth Kutti P and | Energy | 125 & 2017 | 726-735 | 5.58 |
| 5 | 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 | 0.678 |
| 6 | 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 | 5.03 |

| S. NO | Title of the Paper | Author(s) | Name of the Journal | Vol.& Year | Pages | Impact factor |
|-------|---|--|--|------------|----------------|---------------|
| 7 | 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 | 1.272 |
| 8 | 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 | 5.978 |
| 9 | 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 | 1.272 |
| 10 | Energy and Exergy analysis of single slope passive solar still: An Experimental Investigation' | Siva Kumar V and Ganapathy Sundaram E | Desalination and Water treatment | 55 & 2014 | 1433 - 1444 | 1.272 |
| 11 | Improvement Techniques of solar still Efficiency: A Review | Siva Kumar V and Ganapathy Sundaram E | Renewable and Sustainable Energy reviews | 28 & 2013 | 246- 264 | 10.09 |

(ii) In Scopus Indexed Journals- Other than those listed in (i) above.

| S. No | Title of the Paper | Author(s) | Name of the Journal | Vol. & Year | Pages |
|-------|---|---|--|-------------|----------|
| 1. | Performance, emission and combustion characteristics of a branched higher mass, C3 alcohol (isopropanol) blends fuelled medium duty MPFI SI engine | Harish Sivasubramanian , Yashwanth Kutti Pochareddy, Gopinath D Ganapathy | Engineering Science and Technology, an International Journal | 20 & 2017 | 528- 535 |
| 2. | MATLAB modelling and examination of the effect of heat capacity of basin and glass cover on performance of solar still by thermal models | Siva Kumar V and Ganapathy Sundaram E | International journal of ambient energy | 39 & 2018 | 1-10 |
| 3 | Assessment of convective heat transfer coefficient and mass of water evaporated from a single-slope passive solar still by different thermal models: an experimental validation | Siva Kumar V and Ganapathy Sundaram E | International Journal of Ambient Energy | 38 & 2017 | 742- 751 |

| S. No | Title of the Paper | Author(s) | Name of the Journal | Vol. & Year | Pages |
|-------|---|--|---|-------------|----------------|
| 4 | Experimental Studies on the Effect of Enhanced Thermal Conductivity of SiC+Water Nano fluid in the Performance of Small Scale Solar Parabolic Dish Receiver | Rajendran, D.R., Ganapathy Sundaram, E.. & Jawahar, P | International Journal of Nano science | 17, 2018 | 1760025 (1-8). |
| 5 | Experimental studies on Performance and Emission characteristics of Diesel Engine fuelled with Neem Oil Methyl Ester Blends | Gopinath D and Ganapathy Sundaram E | International Energy Journal | 15&2015 | 33-42 |
| 6 | Studies on suitability of Heat Exchangers for solar Receivers- Experimental simulation and Numerical Investigation | Rajendran D.R, Ganapathy Sundaram E, Jawahr P, Pachayappan R | Energy Procedia | 54 &2014 | 557-568 |
| 7 | Pyrolysis of rice husk in a fixed bed reactor | Ganapathy Sundaram E. and Natarajan E. | Int. Journal of World Academy of Science, Engineering | 56 &2009 | 504-508 |

Others

| 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 |
| 3 | Experimental Investigation on the Effect of Adding Di Methyl Carbonate to Gasoline in a SI Engine Performance | Gopinath D. and Ganapathy Sundaram E | International Journal of Scientific Engineering Research | 3& 2012 | 1-5 |