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### **List of Publications**

1. Aravind U.P, **Kalaivanan. R**, Saravanan. S.  
Performance analysis of solar still with modified absorber plate'. International journal of Engineering and Technology, vol. 6, Issue 06, June 2019.
2. I.George, **R.Kalaivanan**, "Analysis of Thermal performance on Evacuated tube solar collector without and with reflector. International Journal of Advanced chemical science and applications, ISSN(Print) 2347 – 7601, ISSN(Online): 2347 – 761 X, Vol: 5, Issue – 2, 2017.
3. I.George, **R.Kalaivanan**, "Optimization of Thermal Performance on Evacuated tube Solar collector water heating systems". International Journal of Engineering research and applications. ISSN - 2248 – 9622, , Vol : 7, Issue – 10, 2017.
4. I.George, **R.Kalaivanan**, "Experimental Study on U – pipe Evacuated tube Solar collector with reflected shields. International Journal of Innovative research in Science, Engineering and Technology, ISSN(Online) 2319 – 8753, ISSN(Print): 2347 – 6710, Vol: 6, Issue – 11. 2017
5. P Velmurugan and **R Kalaivanan**, "Energy and exergy analysis in double-pass solar air heater", Sadhana - Indian Academy of Sciences, 2015.
6. P.Velmurugan, **R.Kalaivanan**, "Thermal Performance studies on Multipass flat plate Solar air heater with longitudinal fins: An analytical approach, Arabian Journal for Science and Engineering. Volume – 40, No.-4,1141-1150, 2015.
7. P.Velmurugan, **R.Kalaivanan**, "Energy and Exergy Analysis of Solar air heater with varied geometries: Arabian Journal for Science and Engineering. Volume – 40, No.-4,1173-1186, 2015
8. P.Velmurugan, **R.Kalaivanan**, "Energy and Exergy Analysis of Multipass Flat plate solar Air Heater – An analytical approach, *International Journal of Green Energy*. 2014.