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Last five year publications

1. C.Jegadheesan, **P.Somasundaram**, G.Rajendiran and James K.Varkey(2015). Effect of Hydrogen Addition on the Performance of Pongamia Pinnata Biodiesel Fuelled Compression Ignition Engine, National Conference on Emerging Technologies' Contributions in Promoting Defence and Industry (NCETCPDIC) Defense University, College of Engineering, Bishoftu, Ethiopia, 45-50.
2. N.Vadivel, **P.Somasundaram** and M.Krishnamoorthi(2015), "Performance and emission characteristics of a CI engine fueled with Diesel -Biodiesel (Mahua/Mustard) blend with Diethyl Ether additive", Journal of Chemical and Pharmaceutical Sciences, Special Issue 7 105-115.
3. P.Selvakumar and **P.Somasundaram**(2016), Experimental Analysis on Solar Water Heater with Corrugated Absorber for Enhanced Heat Transfer, Journal of Thermal Energy Systems, 1(2),8-19.
4. K Karthikeyan, **P Somasundaram**, M Sivakumar, CJ Thomas Renald and G Jayabalaji(2017).Certain studies on ecofriendly refrigerants used in vapour compression refrigeration system of automobile air-conditioner, Advances in Natural and Applied Sciences, 11(2), 77-85.
5. C. Jegadheesan, **P.Somasundaram**, B.Meenakshipriya and U.P.Vignesh(2017), Investigation effect of hydrogen addition on the performance and exhaust emissions of Pongamia pinnata biodiesel fueled compression ignition engine, International Journal of Green Energy,14(15),1256-1268.
6. Karthikeyan Kandhaswamy, **Somasundaram Periasamy** , Sivakumar Mayilsamy and Saravanakumar Thangavel(2017).Experimental investigations on automobile air conditioners working with R134a and R290/R600a as an alternative", Thermal Science, 21(2),S515–S522.
7. B. Ashok, K.Nanthagopal, B.Saravanan, **P.Somasundaram**, C.Jegadheesan, Bhaskar Chaturvedi, Shivam Sharma, Gaurang

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8. **Somasundaram P.** and Vadivel N(2018),Parametric optimization of input variables in a Di - Diesel engine using Diesel Ethanol blends with Diethyl Ether additive, TAGA Journal,14,3015-3028.
9. Joseph Thomas Renald and **P. Somasundaram**(2019), Microstructural evaluation and study of shock wave as an energetic source for synthesis of nanomaterials, Polymer Bulletin, Springer,76(9),4841–4858.
10. Vadivel Natesan, **Somasundaram Periyasamy**, Krishnamoorthi Muniappan and Sakthivel Rajamohan(2019),Experimental investigation and exergy analysis on homogeneous charge compression ignition engine fueled with natural gas and diethyl ether, Environmental Science and Pollution Research, Springer-Verlag GmbH Germany (Part of Springer Nature 2019),26(7),6677-6695.
11. Selvakumar P, **Somasundaram P**, Tamilvanan A, Karthikeyan R and Rajagopal T(2019),Performance of P1 Model in the prediction of Static Temperature and Vzelocity Magnitude of Therminol D-12 in an Evacuated Tube Solar Collector, International Journal of Innovative technology and Exploring Engineering,8(11),256-261.
12. **Dr. P. Somasundaram**, Dr. C. Jegadheesan, S. Vinoth, S.T. Arun Kumar, N. Kowsalya(2020),Headlight Glare Reduction Using Parallel Beam Technique", International Journal of Scientific & Technology Research,9(2),644-647.
13. **Dr. P. Somasundaram**, Dr. C. Jegadheesan, M. Srinithin, R. Saravanan, C. Madhu Krishnan (2020),Driver Fatigue Reduction Using TouchEnabled Steering Wheel, International Journal of Scientific & Technology Research,9(2),648-651.