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## JOURNAL PUBLICATIONS


1. Reddy, K. Sunil Kumar, et al. "Investigation of thermal and mechanical properties of Al7020/SiC/graphite hybrid metal matrix composites." *Materials Today: Proceedings* (2020).

2. Reddy, K. Sunil Kumar, et al. "A Review on Mechanical and Thermal Properties of Aluminum Metal Matrix Composites." *E3S Web of Conferences*. Vol. 184. EDP Sciences, 2020.

3. Kumar, AR Mahesh, M. Kannan, and G. Nataraj. "A study on performance, emission and combustion characteristics of diesel engine powered by nano-emulsion of waste orange peel oil biodiesel." *Renewable Energy* 146 (2020): 1781-1795.

4. Elavarasan, G., M. Kannan, and D. Karthikeyan. "Reasons to Reduce Our Reliance upon Crude Oil Based Internal Combustion Engines." *International Journal of Scientific Research & Engineering Trends* 5.2 (2019).

5. Arunkumar, M., M. Kannan, and G. Murali. "Experimental studies on engine performance and emission characteristics using castor biodiesel as fuel in CI engine." *Renewable Energy* 131 (2019): 737-744.

6. Babu, RT Sarath, and M. Kannan. "An experimental investigation on the performance of a CI engine when using LTC with a blend of diesel, biodiesel and ethanol." *International Journal of Heavy Vehicle Systems* 25.3-4 (2018): 442-454.

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8. Paramaguru, G., et al. "Effect of total solids on biogas production through anaerobic digestion of food waste." *Desalination and Water Treatment* 63 (2017): 63-68.

9. Suresh, P., et al. "A Comprehensive Methodology to Design a Helmholtz Resonator for Two-Wheeler Induction Noise Reduction." *Acta Acustica united with Acustica* 102.2 (2016): 398-406.

10. Elavarasan, G., et al. "FINDING THE LUBRICANT LIFE EXPECTANCY OF AN INTERNAL COMBUSTION ENGINE USING A CAPACITIVE SENSOR." (2016).

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13. Arunkumar, M., M. Kannan, and G. Murali. "NUMERICAL SIMULATION TO REDUCE THE FOULING IN A SHELL AND TUBE HEAT EXCHANGER." *Int J Adv Engg Tech/Vol. VII/Issue I/Jan.-March* 859 (2016): 861.

14. Babu, RT Sarath, M. Kannan, and P. Lawrence. "EVALUATION OF MAHUA OIL BIODIESEL AND ITS BLENDS ON PERFORMANCE AND EMISSION CHARACTERISTICS OF DIESEL ENGINE." *Int J Adv Engg Tech/Vol. VII/Issue II/April-June* 1188 (2016): 1190.

15. Thamilselvan, D., M. Kannan, and P. Lawrence. "Experimental and theoretical study on the effect of solid concentration on biogas production from food waste." *Int J Adv Engg Tech/Vol. VII/Issue II/April-June* 694 (2016): 696.

16. Thamilselvan, D., K. Arulkumar, and M. Kannan. "Investigation of Biogas Production Using Organic Kitchen Wastes through Anaerobic Digestion." *Applied Mechanics and Materials*. Vol. 787. Trans Tech Publications Ltd, 2015.

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