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Total Experience : 14+ years

Research Area : Bioenergy, Optimization, Fuels and Combustion

**Recent Publications:**

1. Hariram, V., Nagapraveen, V., Jaganathan, R., Godin John, J. et al., "Optimizing the Transesterification Efficiency of Pumpkin Seed Bio-Oil through Response Surface Methodology Approach," SAE Technical Paper 2020-01-5048, doi:10.4271/2020-01-5048, 2020.
2. Hariram Venkatesan, Seralathan S, "Effect of Nano-Enriched Emulsified Pongamia Biodiesel on Combustion, Emission and Performance Parameters of a Compression Ignition Engine. *World Journal of Engineering*, 16(6): 737-750, 2019.
3. Hariram V, Bose A, Seralathan S. "Evaluating the Predicting Capability of Response Surface Methodology on Biodiesel Production from Grape seed Bio-oil", *Energy Sources Part A: Recovery, Utilization and Environmental Effects*, Vol. Issue. pp. doi: 10.1080/15567036.2019.1649759. 2019
4. Hariram V, Seralathan S, Arunraja P, Salih Arshad A, Jaganathan R. "Numerical Analysis on Cone Length and its Effect on Performance of an Automotive Catalytic Converter", " *International Journal of Vehicle Structures and Systems*, 11(2): 161 - 168, 2019.
5. Hariram Venkatesan, Godwin John and Seralathan Sivamani, "Effect of *n*-butanol Concentration on Combustion Phenomenon at Higher Blends of Cotton Seed Biodiesel in a Direct Injection CI engine", *International Journal of Renewable Energy Research*, 9(1): 414-426, 2019.