

Dr Subramani Sekar Publications

1. Ravikumar Jayabal, Lakshmanan Thangavelu, Sekar Subramani (2020), 'Combined effect of oxygenated additives, injection timing and EGR on combustion, performance and emission characteristics of a CRDi diesel engine powered by sapota biodiesel/diesel blends', Fuel, VOL 276, Pages 118020.
2. TN Valarmathi, K Palanikumar, S Sekar, B Latha(2020), 'Investigation of the effect of process parameters on surface roughness in drilling of particleboard composite panels using adaptive neuro fuzzy inference system fuzzy inference system', Materials and Manufacturing Processes, VOL 35, Pages 469-477.
3. S Sekar, B Latha(2020), 'Lightweight reliable and secure multicasting routing protocol based on cross-layer for MANET', Concurrency and Computation: Practice and Experience, VOL 32, Pages 5025.
4. GM Lionus Leo, S Sekar, S Arivazhagan(2020), 'Experimental investigation and ANN modelling of the effects of diesel/gasoline premixing in a waste cooking oil-fuelled HCCI-DI engine', Journal of Thermal Analysis and Calorimetry, Pages 1-14.
5. TN Valarmathi, S Sekar, M Purusothaman, J Saravanan, KN Balan, SD Sekar, T Mothilal(2020), 'Design and thermal analysis of coated and uncoated exhaust manifold', International Journal of Ambient Energy, VOL 41, Pages 157-160.
6. Leo GM Lionus, Sekar Subramani, Arivazhagan Sundaraganesan(2019), 'Experimental Investigation, ANN Modelling and TOPSIS Optimization of a Gasoline Premixed HCCI-DI Engine with Direct Injection of FeCl₃ Nanoddytive Blended WCO', Transactions of FAMENA, VOL 43, Pages 83-100.
7. Santhosh Sekar, Thangakumaran Suthanthiran, Arthiie Thangavelu, Sasi Kumar Karupannan, Fairlin Prem, Dhivya Rajendran(2019), 'Clinical and Radiological Evaluation of Delayed and Early Loading of Single-Tooth Implant Placement: A 6-Month, Prospective, Randomized, Follow-up Clinical Study', Journal of Pharmacy & Bioallied Sciences, VOL 11, Pages S278.
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10. TN Valarmathi, S Sekar, G Anthony, R Suresh, KN Balan(2019), 'Experimental Studies on Surface Roughness of H12 Tool Steel in EDM Using Different Tool Materials', Innovative Design, Analysis and Development Practices in Aerospace and Automotive Engineering, Pages 241-247.
11. Medhat Elkelawy, Hagar Bastawissi, S Chandra Sekar, K Karuppasamy, N Vedaraman, Karupiah Sathiyamoorthy, Ravishankar Sathyamurthy(2018), 'Numerical and Experimental Investigation of Ethyl Alcohol as Oxygenator on the Combustion, Performance, and Emission Characteristics of Diesel/Cotton Seed Oil Blends in Homogenous Charge Compression Ignition Engine', SAE, International Powertrains, Fuels & Lubricants Meeting, Pages 13.

12. SD Sekar, DS Sekar, TN Valarmathi(2018), 'Performance Improvement of a Passive Greenhouse Dryer for Drying Turkey Berry', TAGA JOURNAL VOL. 14, ISSN: 1748-0345 (Online).
13. T Ramesh, R Saravanan, S Sekar(2018), ' Analysis of ANFIS MPPT Controllers for Partially Shaded Stand Alone Photovoltaic System with Multilevel Inverter', IAES International Journal of Robotics and Automation, VOL 7, Pages 140-148.
14. S. Arivazhagan G. M. Lionus Leo, S. Sekar(2018), ' Experimental investigation, optimization and ANN model prediction of a gasoline premixed waste cooking oil fueled HCCI-DI engine', Journal of the Brazilian Society of Mechanical Sciences and Engineering, Article number 49.
15. TN Valarmathi, M Ganesan, S Sekar(2015), ' Evaluation of Mechanical Properties of Teak Wood Saw Dust – Cashew Nut Shell Liquid Resin Composites', Applied Mechanics and Materials, VOL 766, Pages 79-84.
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