

Dr.A.Tamilvanan

List of Publications

TITLE	YEAR
Multi-functional fuel additive as a combustion catalyst for diesel and biodiesel in CI engine characteristics B Ashok, K Nanthagopal, OH Chyuan, PTK Le, N Raje, A Raj, Fuel 278, 118250	2020
Decanol Proportional Effect Prediction Model as Additive in Palm Biodiesel Using ANN and RSM Technique for Diesel Engine AN Kumar, PS Kishore, KB Raju, B Ashok, R Vignesh, AK Jeevanantham, Energy, 119072	2020
Effect of diethyl ether and ethanol as an oxygenated additive on Calophyllum inophyllum biodiesel in CI engine A Tamilvanan, K Balamurugan, B Ashok, P Selvakumar, S Dhamotharan, Environmental Science and Pollution Research, 1-19	2020
Development of concentrating dish and solar still assembly for sea water desalination A Abubakkar, P Selvakumar, T Rajagopal, A Tamilvanan Materials Today: Proceedings	2020
Parameter optimization of copper nanoparticle synthesis by electrode position process using RSM and CS A Tamilvanan, K Balamurugan, T Mohanraj, P Selvakumar, Materials Today: Proceedings	2020
Influence of Nano-Particle Additives on Bio-Diesel-Fuelled CI Engines: A Review A Tamilvanan, K Balamurugan, T Mohanraj, P Selvakumar, B Ashok, Recent Technologies for Enhancing Performance and Reducing Emissions in Diesel Engines	2020
Emission Aspects of Biomass-Based Advanced Second Generation Bio-Fuels in IC Engines R Sakthivel, T Mohanraj, P Baranitharan, A Tamilvanan, K Gomathi Recent Technologies for Enhancing Performance and Reducing Emissions in Diesel Engines	2020
Locomotive Lifter for Parking in Congested Places A Tamilvanan, K Sampath Kumar, KB Sanjaya Krishnan, International Journal of Engineering and Advanced Technology (IJEAT) 9 (2 -758 - 760)	2019
Design, Development and Analysis of Mullite Catalytic Converter for CI Engines S Pandiaraj, D Subbaiyan, T Ayyasamy, S Nagarajan SAE Technical Paper	2019
Design Fabrication and Testing of Prototype of an Anti Hypothermic Flexible Body Heater TR P.Selvakumar , A.Abubakkar , A.Tamilvanan International Journal of Scientific & Technology Research 8 (10), 1596-1600	2019
Performance Of P1 Model In The Prediction of Static Temperature and Velocity Magnitude of Therminol D-12 in an Evacuated Tube Solar Collector TR P Selvakumar, P Somasundaram, A Tamilvanan, R Karthikeyan International Journal of Innovative Technology and Exploring Engineering	2019
Biodiesel production using <i>Calophyllum inophyllum</i> (Tamanu) seed oil and its compatibility test in a CI engine	2019

K Dinesh, A Tamilvanan, S Vaishnavi, M Gopinath, KSR Mohan Biofuels 10 (3), 347-353	
Effects of nano-copper additive on performance, combustion and emission characteristics of Calophyllum inophyllum biodiesel in CI engine A Tamilvanan, K Balamurugan, M Vijayakumar Journal of Thermal Analysis and Calorimetry 136 (1), 317-330	2019
Production, performance and emission analysis of Tamanu oil-diesel blends along with biogas in a diesel engine in dual cycle mode T Ayyasamy, K Balamurugan, S Duraisamy International Journal of Energy Technology and Policy 14 (1), 4-19	2018
Using response surface methodology in synthesis of ultrafine copper nanoparticles by electrolysis A Tamilvanan, K Balamurugan, K Ponappa, B Madhan Kumar International Journal of Nanoscience 15 (01n02), 1650001	2016
Copper nanoparticles: synthetic strategies, properties and multifunctional application A Tamilvanan, K Balamurugan, K Ponappa, BM Kumar International Journal of Nanoscience 13 (02), 1430001	2014