

DHINESH BALASUBRAMANIAN
 ASSISTANT PROFESSOR,
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<u>TITLE</u>	<u>CITED BY</u>	YEAR
<u>Experimental investigation to reduce environmental pollutants using biofuel nano-water emulsion in thermal barrier coated engine</u> PV Elumalai, M Nambiraj, M Parthasarathy, D Balasubramanian, ... Fuel 285, 119200		2021
<u>Performance, emission and combustion characteristics of unmodified diesel engine with titanium dioxide (TiO₂) nano particle along with water-in-diesel emulsion fuel</u> R Vigneswaran, D Balasubramanian, BDS Sastha Fuel 285, 119115		2021
<u>Performance analysis of HCCI engine powered by tamanu methyl ester with various inlet air temperature and exhaust gas recirculation ratios</u> M Parthasarathy, S Ramkumar, JIJR Lalvani, PV Elumalai, B Dhinesh, ... Fuel 282, 118833	<u>5</u>	2020
<u>Characterization and effect of Moringa Oleifera Lam. antioxidant additive on the storage stability of Jatropha biodiesel</u> N Jeyakumar, B Narayanasamy, D Balasubramanian, K Viswanathan Fuel 281, 118614	<u>1</u>	2020
<u>An assessment on production and engine characterization of a novel environment-friendly fuel</u> K Ramalingam, D Balasubramanian, PJTJS Chellakumar, J Padmanaban, ... Fuel 279, 118558	<u>4</u>	2020
<u>Improvement of combustion and emission characteristics of a diesel engine working with diesel/Jojoba oil blends and butanol additive</u> Al EL-Seesy, Z He, H Hassan, D Balasubramanian Fuel 279, 118433	<u>8</u>	2020
<u>An experimental study on harmful pollution reduction technique in low heat rejection engine fuelled with blends of pre-heated linseed oil and nano additive</u> PV Elumalai, B Dhinesh, M Parthasarathy, AR Pradeepkumar, SM Iqbal, ... Journal of Cleaner Production, 124617		2020
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<u>Effect of Cobalt Chromite on the Investigation of Traditional CI Engine Powered with Raw Citronella Fuel for the Future Sustainable Renewable Source</u> R Krishnamoorthy, K Asaithambi, D Balasubramanian, P Murugesan, ... SAE Technical Paper		2020
<u>A Comparative Assessment of Tailpipe Emission Characteristics on Diesel Engine Using Nanofluid with R-EGR Setup</u> K Asaithambi, R Krishnamoorthy, D Balasubramanian SAE Technical Paper		2020
<u>Influence of Titanium Oxide Nanoparticle on Solar Desalination with Phase Change Material</u> B Palampalle, D Balasubramanian, GV Reddy SAE Technical Paper		2020
<u>Effect of Star Anise as a Natural Antioxidant Additive on the Oxidation Stability of Lemon Grass Oil</u> B Narayanasamy, N Jeyakumar, D Balasubramanian Waste and Biomass Valorization, 1-15		2020
<u>Evaluation of Ergonomics Issues in Repetitive Scrap Handling Work in Automobile Industries</u> AB Dasari, D Balasubramanian Trends in Manufacturing and Engineering Management, 791-816		2020
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<u>Synthesis of Biodiesel from Waste Cooking Oil by Alkali Doped Calcinated Waste Egg Shell Powder Catalyst and Optimization of Process Parameters to Improve Biodiesel Conversion</u> D Balasubramanian, S Kamaraj, R Krishnamoorthy SAE Technical Paper	<u>3</u>	2020
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<u>Capture of CO₂ from Automobile Exhaust by Using Physical Adsorption Technique</u> S Mohankumar, B Dhinesh, MU Kaisan, PM Shameer Emerging Technologies for Waste Valorization and Environmental Protection, 59-68		2020
<u>Effect of Compression Ratio on Combustion, Performance and Emission Characteristics of DI Diesel Engine with Orange Oil Methyl Ester</u> V Karthickeyan, B Dhinesh, P Balamurugan Bioresource Utilization and Bioprocess, 131-149	1	2020
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<u>Comparative analysis on the influence of antioxidants role with <i>Pistacia khinjuk</i> oil biodiesel to reduce emission in diesel engine</u> V Karthickeyan, B Ashok, S Thiyagarajan, K Nanthagopal, VE Geo, ... Heat and Mass Transfer, 1-18	9	2019
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<u>Performance Assessment of Pyramidal Lattice Core Sandwich Engine Hood for Pedestrian Safety</u> D Balasubramanian, AJT Johnson SAE Technical Paper		2019
<u>Effect of electromagnet-based fuel-reforming system on high-viscous and low-viscous</u>	25	2019

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<u>Performance and emission reduction characteristics of cerium oxide nanoparticle-water emulsion biofuel in diesel engine with modified coated piston</u> EP Venkatesan, A Kandhasamy, A Sivalingam, AS Kumar, ... Environmental Science and Pollution Research 26 (26), 27362-27371	<u>15</u>	2019
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<u>Comparative analyses of biodiesel produced from jatropha and neem seed oil using a gas chromatography–mass spectroscopy technique</u> MU Kaisan, S Abubakar, B Ashok, D Balasubramanian, S Narayan, ... Biofuels, 1-12	<u>5</u>	2018
<u>Macroscopic characteristics of palm oil and palm oil methyl ester using dimensionless analysis</u> J Jayakar, PV Elumalai, K Annamalai, M Mailainathan, B Dhinesh, ... Journal of Palm oil research 30 (4), 666-673	<u>6</u>	2018
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<u>Experimental investigation of unmodified diesel engine performance, combustion and emission with multipurpose additive along with water-in-diesel emulsion fuel</u> R Vigneswaran, K Annamalai, B Dhinesh, R Krishnamoorthy Energy conversion and management 172, 370-380	<u>81</u>	2018
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