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5 years publication list

International Journals

1. Murugan Rangasamy, Ganesh Duraisamy, Nagarajan Govindan, "Effect of PODE-Diesel Blends as High Reactivity Fuel in Dual Fuel RCCI Combustion," SAE International Journal of Engines Accepted for Publication SJR 1.27 Scopus Citescore 2.45
2. Ganesh Duraisamy, Murugan Rangasamy and Ayyappan Punamalai, Ramasankaran, "Statistical and Experimental Investigation of Single Fuel Reactivity Controlled Compression Ignition Combustion on a Non-road Diesel Engine." Energy Conversion and Management 199 (2019) 112025 7.181
3. R. Murugan, D. Ganesh and G. Nagarajan, "An integrated effort of medium reactivity fuel, in-cylinder and after treatment strategies to demonstrate potential reduction in challenging emissions of RCCI combustion", IMechE Part D: Journal of Automobile Engineering Published online 1-19, (2019) DOI: 10.1177/0954407019875299 journals.sagepub.com/home/pid 1.275
4. Ganesh Duraisamy, Murugan Rangasamy, Nagarajan Govindan, "A comparative study on methanol/diesel and methanol/PODE dual fuel RCCI combustion in an automotive diesel engine." Renewable Energy 145 (2020) 542-556. 5.439
5. Vikas Sharma, Ganesh Duraisamy, Kanagaraj Arumugam, "Impact of bio-mix fuel on performance, emission and combustion characteristics in a single cylinder DICl VCR engine." Renewable Energy 146 (2020)111124.5.439
6. Vikas Sharma, Ganesh Duraisamy, Haeng Muk Cho, Kanagaraj Arumugam, Anto Alosius M. "Production, combustion and emission impact of bio-mix methyl ester fuel on a stationary light duty diesel engine." Journal of Cleaner Production 233 (2019)147159.5.651
7. Duraisamy Ganesh, P.R. Ayyappan, Rangasamy Murugan., " Experimental investigation of iso-butanoldiesel reactivity-controlled compression ignition combustion in a non-road diesel engine." Applied Energy 242, (2019) PP13071319.7.9
8. Vikas Sharma, Ganesh Duraisamy, "Production and characterisation of bio-mix fuel produced from a ternary and quaternary mixture of raw oil feedstock", Journal of Cleaner Production Vol. 221, (2019), PP271-285 5.651
9. Vikas Sharma, Ganesh Duraisamy, " Production and characterisation of bio-mix fuel produced from the mixture of raw oil feedstock, and its effect on performance and emission analysis in DICl diesel engine". Environmental Science and Pollution Research (2019) 26:1674216761. 2.8
10. Vikas Sharma, Ganesh Duraisamy, "Combustion and emission characteristics of reformulated biodiesel fuel in a single-cylinder compression ignition engine", International Journal of Environmental Science and Technology doi.org/10.1007/s13762-019-02285-8 (2019), PP1-10 2.037

11. Rolf D. Reitz, Ganesh Duraisamy, "Review of high efficiency and clean reactivity control-controlled compression ignition (RCCI) combustion in internal combustion engines", Progress in Energy and Combustion Science Vol. 46, (2015), PP12-71 25.42

International Conferences

1. Vikas Sharma, Ganesh D and Anto Alosius "Study on Stability, Fuel Properties, Engine Combustion and Emission Characteristics of Bio-mix Fuel", International Conference on Innovative Applied Energy, Oxford, United Kingdom, ISBN:9778-1-912532-05-6 193 (ID:692 14-15 March 2019, IAPE19
2. Ganesh Duraisamy, Murugan Rangasamy, Nagarajan Govindan, "Enabling Methanol/Diesel Dual Fuel Reactivity Controlled Compression Ignition in an Automotive Light Duty Diesel Engine International Conference on New Frontiers in Chemical", Energy and Environmental Engineering, NIT Warangal, India ID:1811260115-16 February 2019 INCEEE-2019
3. Vikas Sharma, Ganesh Duraisamy M. Anto Alosius, A. Kanagaraj, R. Murugan, " Production of Bio-mix Biodiesel and its Impact on Diesel Engine Applications International Conference on New Frontiers in Chemical," Energy and Environmental Engineering, NIT Warangal, India ID:1811240215-16 February 2019 INCEEE-2019
4. Ganesh Duraisamy, Murugan Rangasamy, and Govindan Nagarajan. "Effect of EGR and premixed mass percentage on cycle-to-cycle variation of methanol/diesel dual fuel RCCI combustion", SAE Technical Paper 2019-26-0090, 2019 SAE
5. Sharma Vikas Kanagaraj A, D Ganesh, Anto Alosius M, " Experimental Investigation on Bio-Mix Fuel and Its Effect on CI Engine, Performance, Emission And Combustion Characteristics, A Novel Approach to Reduce NO_x Emission", FISITA World Automotive Congress October 2-5, 2018 F2018S-FLC-059 FISITA 2018
6. Ganesh Duraisamy and Nagarajan Govindan and P. Shanmugam. " Experimental investigation on combustion, performance, and emission characteristics of biodiesel produced from fatty leather wastes in a compression ignition engine", SAE Technical Paper 2016-01-1275, 2016 SAE