

# CITATION REPORT

List of articles citing

Macroscopic spray characteristics of next-generation bio-derived diesel fuels in comparison to mineral diesel

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| #  | Paper  | IF   | Citations |
|----|--|------|-----------|
| 51 | Investigation of the effects of tripropylene glycol addition to diesel fuel on combustion and exhaust emissions at an isolated diesel engine. <i>Energy Conversion and Management</i> , <b>2017</b> , 142, 62-68   | 10.6 | 18        |
| 50 | Spatio-temporal evolution of diesel sprays at the early start of injection. <i>Applied Energy</i> , <b>2017</b> , 205, 391-398   | 10.7 | 15        |
| 49 | The impact of n-butanol and iso-butanol as components of butanol-acetone (BA) mixture-diesel blend on spray, combustion characteristics, engine performance and emission in direct injection diesel engine. <i>Energy</i> , <b>2017</b> , 140, 1074-1086         | 7.9  | 30        |
| 48 | Experimental and Numerical Investigation on the Macroscopic Characteristics of Hydrotreated Vegetable Oil (HVO) Spray. <i>Energy Procedia</i> , <b>2017</b> , 142, 474-480   | 2.3  | 2         |
| 47 | Study on viscosity and surface tension properties of biodiesel-diesel blends and their effects on spray parameters for CI engines. <i>Fuel</i> , <b>2018</b> , 220, 769-779  | 7.1  | 43        |
| 46 | Experimental study of spray characteristics of diesel/hydrogenated catalytic biodiesel blended fuels under inert and reacting conditions. <i>Energy</i> , <b>2018</b> , 153, 349-358   | 7.9  | 36        |
| 45 | Modeling of macroscopic mineral diesel and biodiesel spray characteristics. <i>Fuel</i> , <b>2018</b> , 222, 810-820   | 7.1  | 22        |
| 44 | Comprehensive review of combustion, performance and emissions characteristics of a compression ignition engine fueled with hydroprocessed renewable diesel. <i>Renewable and Sustainable Energy Reviews</i> , <b>2018</b> , 81, 2947-2954                        | 16.2 | 30        |
| 43 | Macroscopic spray characteristics of long-chain alcohol-biodiesel fuels in a constant volume chamber. <i>Proceedings of the Institution of Mechanical Engineers, Part A: Journal of Power and Energy</i> , <b>2018</b> , 232, 195-207                            | 1.6  | 7         |
| 42 | Experimental Study on Single-Hole Injection of Kerosene into Pressurized Quiescent Environments. <i>Journal of Energy Engineering - ASCE</i> , <b>2018</b> , 144, 04018014   | 1.7  | 8         |
| 41 | Control of fuel spray wall impingement on piston bowl in palm acid oil biodiesel fueled direct injection automotive engine using retarded injection timing, EGR and increased compression ratio. <i>Applied Thermal Engineering</i> , <b>2018</b> , 142, 241-254 | 5.8  | 7         |
| 40 | Experimental study on non-vaporizing spray characteristics of biodiesel-blended gasoline fuel in a constant volume chamber. <i>Fuel Processing Technology</i> , <b>2018</b> , 178, 322-335   | 7.2  | 27        |
| 39 | Emission Performance of a Diesel Engine Fuelled with Petrol Diesel, Green Diesel, and Waste Cooking Oil Blends. <i>Journal of Combustion</i> , <b>2018</b> , 2018, 1-9   | 0.8  | 5         |
| 38 | Effects of graphite oxide and single-walled carbon nanotubes as diesel additives on the performance, combustion, and emission characteristics of a light-duty diesel engine. <i>Energy</i> , <b>2018</b> , 161, 70-80  | 7.9  | 45        |
| 37 | Experimental investigations of kerosene sprays in pressurized evaporating environments. <i>Proceedings of the Institution of Mechanical Engineers, Part A: Journal of Power and Energy</i> , <b>2019</b> , 233, 413-427  | 1.6  | 9         |
| 36 | Challenges in charge preparation and combustion in homogeneous charge compression ignition engines with biodiesel: A review. <i>Energy Reports</i> , <b>2019</b> , 5, 960-968  | 4.6  | 11        |
| 35 | An experimental investigation into combustion characteristics of HVO compared with TME and ULSD at varied blend ratios. <i>Fuel</i> , <b>2019</b> , 255, 115757  | 7.1  | 12        |

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| 34 | Experiment and analysis of spray characteristics of biodiesel blending with di-n-butyl ether in a direct injection combustion chamber. <i>Energy</i> , <b>2019</b> , 185, 77-89   | 7.9  | 21 |
| 33 | Effect of injection pressure and ambient density on spray characteristics of diesel and biodiesel surrogate fuels. <i>Fuel</i> , <b>2019</b> , 254, 115674  | 7.1  | 16 |
| 32 | Combustion and emission characteristics of a common rail diesel engine and RCEM fueled by n-heptanol-diesel blends and carbon nanomaterial additives. <i>Energy Conversion and Management</i> , <b>2019</b> , 196, 370-394                        | 10.6 | 47 |
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| 30 | Spray characteristics of a gasoline-diesel blend (ULG75) using high-speed imaging techniques. <i>Fuel</i> , <b>2019</b> , 239, 677-692  | 7.1  | 9  |
| 29 | Investigation of the macroscopic characteristics of Hydrotreated Vegetable Oil (HVO) spray using CFD method. <i>Fuel</i> , <b>2019</b> , 237, 28-39   | 7.1  | 3  |
| 28 | Investigation of the Spray Development Process of Gasoline-Biodiesel Blended Fuel Sprays in a Constant Volume Chamber. <i>Energies</i> , <b>2020</b> , 13, 4819   | 3.1  | 5  |
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| 26 | Experiments on macroscopic spray characteristics of diesel-ethanol with dispersed cerium nanoparticles. <i>Journal of the Energy Institute</i> , <b>2020</b> , 93, 2186-2196  | 5.7  | 7  |
| 25 | Biodiesel Spray Characteristics and a CFD Simulation Study of Injection Timing Effects on the Combustion Process in a Biodiesel-Fueled, Direct-Injection Rotary Engine. <i>Journal of Energy Engineering - ASCE</i> , <b>2020</b> , 146, 04020043 | 1.7  | 1  |
| 24 | Combustion and soot characteristics of hydrotreated vegetable oil compression-ignited spray flames. <i>Fuel</i> , <b>2020</b> , 266, 116942   | 7.1  | 10 |
| 23 | Biofuels and its spray interactions under pilot-main injection strategy. <i>Energy</i> , <b>2021</b> , 219, 119464  | 7.9  | 5  |
| 22 | Eco-micropunching Techniques for Bioenergy Application. <i>Clean Energy Production Technologies</i> , <b>2021</b> , 115-133   | 0.8  |    |
| 21 | Macroscopic and microscopic characteristics of biofuel spray (biodiesel and alcohols) in CI engines: A review. <i>Fuel</i> , <b>2021</b> , 292, 120303  | 7.1  | 10 |
| 20 | Experimental study of spray analysis for Palmarosa biodiesel-diesel blends in a constant volume chamber. <i>Environmental Progress and Sustainable Energy</i> , e013696   | 2.5  | 19 |
| 19 | Predicting the effect of biodiesel composition on the performance and emission of a compression ignition engine using a phenomenological model. <i>Fuel</i> , <b>2021</b> , 293, 120453   | 7.1  | 7  |
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| 17 | Experimental study on the spray characteristics of octanol diesel and prediction of spray tip penetration by ANN model. <i>Energy</i> , <b>2022</b> , 239, 121920   | 7.9  | 10 |

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| 16 | Parffinic Biofuels: HVO, BTL Diesel, and Farnesane. <i>Green Energy and Technology</i> , <b>2019</b> , 147-179   | 0.6 | 1  |
| 15 | Biodiesel Spray Characteristics and Their Effect on Engine Combustion and Particulate Emissions. <i>Journal of Energy Resources Technology, Transactions of the ASME</i> , <b>2020</b> , 142,                                | 2.6 | 13 |
| 14 | Recent Studies of Fuels Used in Wankel Rotary Engines. <i>Journal of Energy Resources Technology, Transactions of the ASME</i> , <b>2021</b> , 143,  | 2.6 | 3  |
| 13 | Experiment and analysis on the spray characteristics of diesel/polyoxymethylene dimethyl ethers (PODE)/ethanol blends in non-reacting environment. <i>Experimental Thermal and Fluid Science</i> , <b>2022</b> , 131, 110528 | 3   | 3  |
| 12 | A new model of fuel spray shape at early stage of injection in a marine diesel engine. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , <b>2021</b> , ahead-of-print,                             | 4.5 |    |
| 11 | An Experimental study on spray and atomization characteristics of advanced co-optima biofuels. <b>2022</b> ,   |     |    |
| 10 | NOx&smoke Trade-off Characteristics in a Palm Oil-Fueled CRDI Diesel Engine under Various Injection Pressures and EGR Rates. <i>Applied Sciences (Switzerland)</i> , <b>2022</b> , 12, 1069                                  | 2.6 | 2  |
| 9  | Spray characteristics of biodiesel-polyoxymethylene dimethyl ethers (PODE) blends in a constant volume chamber. <i>Combustion Science and Technology</i> , 1-23  | 1.5 | 2  |
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