

Farzad Jaliliantabar

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

261
citations

840776

11
h-index

940533

16
g-index

17
all docs

17
docs citations

17
times ranked

240
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Multi-objective NSGA-II optimization of a compression ignition engine parameters using biodiesel fuel and exhaust gas recirculation. <i>Energy</i> , 2019, 187, 115970. | 8.8 | 44 |
| 2 | Artificial Neural Network Modeling and Sensitivity Analysis of Performance and Emissions in a Compression Ignition Engine Using Biodiesel Fuel. <i>Energies</i> , 2018, 11, 2410. | 3.1 | 32 |
| 3 | Prediction of lithium-ion battery temperature in different operating conditions equipped with passive battery thermal management system by artificial neural networks. <i>Materials Today: Proceedings</i> , 2022, 48, 1796-1804. | 1.8 | 32 |
| 4 | Comparative evaluation of physical and chemical properties, emission and combustion characteristics of brassica, cardoon and coffee based biodiesels as fuel in a compression-ignition engine. <i>Fuel</i> , 2018, 222, 156-174. | 6.4 | 28 |
| 5 | A comprehensive study on the effect of pilot injection, EGR rate, IMEP and biodiesel characteristics on a CRDI diesel engine. <i>Energy</i> , 2020, 194, 116860. | 8.8 | 24 |
| 6 | Performance and Exhaust Emissions of a SI Two-stroke Engine with Biolubricants Using Artificial Neural Network. <i>Energy Procedia</i> , 2015, 75, 3-9. | 1.8 | 20 |
| 7 | Thermal conductivity prediction of nano enhanced phase change materials: A comparative machine learning approach. <i>Journal of Energy Storage</i> , 2022, 46, 103633. | 8.1 | 17 |
| 8 | Physical properties of kumquat fruit. <i>International Agrophysics</i> , 2013, 27, 107-109. | 1.7 | 15 |
| 9 | Mass modeling of caper (<i>Capparis spinosa</i>) with some engineering properties. <i>Quality Assurance and Safety of Crops and Foods</i> , 2012, 4, e38-e42. | 3.4 | 14 |
| 10 | Effects of dispersed multiwalled carbon nanotubes on the micro-explosion and combustion characteristics of 2-methylfuran " diesel mixture droplets. <i>Fuel</i> , 2022, 316, 123308. | 6.4 | 14 |
| 11 | Physical and mechanical properties of castor seed. <i>Quality Assurance and Safety of Crops and Foods</i> , 2012, 4, e29-e32. | 3.4 | 12 |
| 12 | Determination of mass density module, crush resistance coefficient and cutting efficiency of rose (Rosa Damascene Mill). <i>Scientia Horticulturae</i> , 2015, 190, 144-148. | 3.6 | 3 |
| 13 | Physical properties and mechanical behavior in quasi-static loading of faba bean (<i>Vicia</i>) Tj ETQq1 1 0.784314 rgBT/Overlock 10 Tf 5 | 3.4 | 2 |
| 14 | Performance and emission parameters of single cylinder diesel engine using castor oil bio-diesel blended fuels. <i>IOP Conference Series: Materials Science and Engineering</i> , 2015, 100, 012012. | 0.6 | 2 |
| 15 | Biofuel Combustion Generated Particles Analysis. <i>Energy, Environment, and Sustainability</i> , 2022, , 117-129. | 1.0 | 1 |
| 16 | Latent Heat Prediction of Nano Enhanced Phase Change Material by ANN Method. <i>Energy Engineering: Journal of the Association of Energy Engineers</i> , 2022, 119, 847-861. | 0.5 | 1 |
| 17 | Prediction of maximum in-cylinder pressure by adaptive neuro-fuzzy inference system method. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 788, 012066. | 0.6 | 0 |