

Farzad Jaliliantabar

List of Publications by Year in descending order

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17
papers

261
citations

840776

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940533

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17
docs citations

17
times ranked

240
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Biofuel Combustion Generated Particles Analysis. <i>Energy, Environment, and Sustainability</i> , 2022, , 117-129.	1.0	1
4	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
5	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
6	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
7	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
8	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
9	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
10	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
11	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
12	Determination of mass density module, crush resistance coefficient and cutting efficiency of rose (<i>Rosa Damascene Mill</i>). <i>Scientia Horticulturae</i> , 2015, 190, 144-148.	3.6	3
13	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
14	Physical properties of kumquat fruit. <i>International Agrophysics</i> , 2013, 27, 107-109.	1.7	15
15	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
16	Physical properties and mechanical behavior in quasi-static loading of faba bean (<i>Vicia</i>)	3.4	10
17	Physical and mechanical properties of castor seed. <i>Quality Assurance and Safety of Crops and Foods</i> , 2012, 4, e29-e32.	3.4	12