Esmail khalife

List of Publications by Year
in descending order

29	1,339	623734	501196
papers	citations	14	28
		h-index	g-index

29	29	29	1038
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Impacts of additives on performance and emission characteristics of diesel engines during steady state operation. Progress in Energy and Combustion Science, 2017, 59, 32-78.	31.2	305
2	Exergoeconomic analysis of a DI diesel engine fueled with diesel/biodiesel (B5) emulsions containing aqueous nano cerium oxide. Energy, 2018, 149, 967-978.	8.8	152
3	A novel emulsion fuel containing aqueous nano cerium oxide additive in diesel–biodiesel blends to improve diesel engines performance and reduce exhaust emissions: Part I – Experimental analysis. Fuel, 2017, 207, 741-750.	6.4	128
4	A novel emulsion fuel containing aqueous nano cerium oxide additive in diesel–biodiesel blends to improve diesel engines performance and reduce exhaust emissions: Part II – Exergetic analysis. Fuel, 2017, 205, 262-271.	6.4	118
5	Effects of aqueous carbon nanoparticles as a novel nanoadditive in water-emulsified diesel/biodiesel blends on performance and emissions parameters of a diesel engine. Energy Conversion and Management, 2019, 196, 1153-1166.	9.2	96
6	Exact estimation of biodiesel cetane number (CN) from its fatty acid methyl esters (FAMEs) profile using partial least square (PLS) adapted by artificial neural network (ANN). Energy Conversion and Management, 2016, 124, 389-398.	9.2	86
7	Simultaneous reduction of CO and NOx emissions as well as fuel consumption by using water and nano particles in Diesel–Biodiesel blend. Journal of Cleaner Production, 2019, 210, 1164-1170.	9.3	80
8	Environmental impact assessment of the mechanical shaft work produced in a diesel engine running on diesel/biodiesel blends containing glycerol-derived triacetin. Journal of Cleaner Production, 2019, 223, 466-486.	9.3	58
9	Soft computing-based modeling and emission control/reduction of a diesel engine fueled with carbon nanoparticle-dosed water/diesel ‌emulsion fuel. Journal of Hazardous Materials, 2021, 407, 124369.	12.4	56
10	Experimental investigation of low-level water in waste-oil produced biodiesel-diesel fuel blend. Energy, 2017, 121, 331-340.	8.8	55
11	Drying of organic blackberry in combined hot air-infrared dryer with ultrasound pretreatment. Drying Technology, 2021, 39, 2075-2091.	3.1	35
12	Consolidating emission indices of a diesel engine powered by carbon nanoparticle-doped diesel/biodiesel emulsion fuels using life cycle assessment framework. Fuel, 2020, 267, 117296.	6.4	30
13	Effect of Pretreatments on Convective and Infrared Drying Kinetics, Energy Consumption and Quality of Terebinth. Applied Sciences (Switzerland), 2021, 11, 7672.	2.5	22
14	Thermodynamic Evaluation of the Forced Convective Hybrid-Solar Dryer during Drying Process of Rosemary (Rosmarinus officinalis L.) Leaves. Energies, 2021, 14, 5835.	3.1	17
15	Exergy and Energy Analyses of Microwave Dryer for Cantaloupe Slice and Prediction of Thermodynamic Parameters Using ANN and ANFIS Algorithms. Energies, 2021, 14, 4838.	3.1	16
16	Application of Artificial Neural Networks, Support Vector, Adaptive Neuro-Fuzzy Inference Systems for the Moisture Ratio of Parboiled Hulls. Applied Sciences (Switzerland), 2022, 12, 1771.	2.5	13
17	Comprehensive Assessment from Optimum Biodiesel Yield to Combustion Characteristics of Light Duty Diesel Engine Fueled with Palm Kernel Oil Biodiesel and Fuel Additives. Materials, 2021, 14, 4274.	2.9	12
18	Dynamic characteristics of laminated composite CNT reinforced MRE cylindrical sandwich shells using HSDT. Mechanics Based Design of Structures and Machines, 2023, 51, 4120-4136.	4.7	12

#	Article	IF	Citations
19	Data supporting consolidating emission indices of a diesel engine powered by carbon nanoparticle-doped diesel/biodiesel emulsion fuels using life cycle assessment framework. Data in Brief, 2020, 30, 105428.	1.0	9
20	Use of ultrasound preâ€treatment before microwave drying of kiwifruits â€" An optimization approach with response surface methodology. Journal of Food Processing and Preservation, 2022, 46, .	2.0	9
21	Multi-criteria evaluation, and dynamic modeling of combining thermal photovoltaic and thermoelectric generators to extend electricity generation at night. Journal of Cleaner Production, 2022, 344, 131107.	9.3	8
22	Comparison of two artificial intelligence methods (<scp>ANNs</scp> and <scp>ANFIS</scp>) for estimating the energy and exergy of drying cantaloupe in a hybrid infraredâ€convective dryer. Journal of Food Processing and Preservation, 2022, 46, .	2.0	8
23	Comparison of Optimized and Conventional Models of Passive Solar Greenhouseâ€"Case Study: The Indoor Air Temperature, Irradiation, and Energy Demand. Energies, 2021, 14, 5369.	3.1	3
24	Forecasting of Power Output of a PVPS Based on Meteorological Data Using RNN Approaches. Sustainability, 2022, 14, 3104.	3.2	3
25	An Overview of the Recent Advances in the Application of Metal Oxide Nanocatalysts for Biofuel Production. Green Chemistry and Sustainable Technology, 2017, , 255-299.	0.7	2
26	Development of a machine vision system for the determination of some of the physical properties of very irregular small biomaterials. International Agrophysics, 2022, 1, 27-35.	1.7	2
27	Comparative of various <scp>bioâ€inspired metaâ€heuristic</scp> optimization algorithms in performance and emissionsÂof diesel engine fuelled with <scp>B5</scp> containing water and cerium oxide additive blends. International Journal of Energy Research, 2022, 46, 21266-21280.	4.5	2
28	Modeling and Design a Special Type of Passive Solar Greenhouse in Cold Climate by TRNSYS. Tarim Bilimleri Dergisi, 0, , 488-499.	0.4	1
29	Prediction of Almond Nut Yield and Its Greenhouse Gases Emission Using Different Methodologies. Applied Sciences (Switzerland), 2022, 12, 2036.	2.5	1