Esmail khalife

List of Publications by Citations

26 papers	890 citations	12 h-index	29 g-index
29 ext. papers	1,127 ext. citations	6 avg, IF	4.68 L-index

#	Paper	IF	Citations
26	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	33.6	237
25	Exergoeconomic analysis of a DI diesel engine fueled with diesel/biodiesel (B5) emulsions containing aqueous nano cerium oxide. *Energy*, **2018**, 149, 967-978	7.9	113
24	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	7.1	105
23	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	7.1	85
22	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	10.6	74
21	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	10.6	60
20	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	10.3	52
19	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	10.3	42
18	Experimental investigation of low-level water in waste-oil produced biodiesel-diesel fuel blend. *Energy*, **2017**, 121, 331-340	7.9	35
17	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	12.8	24
16	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	7.1	19
15	Drying of organic blackberry in combined hot air-infrared dryer with ultrasound pretreatment. *Drying Technology*, **2021**, 39, 2075-2091	2.6	18
14	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	1.2	6
13	Dynamic characteristics of laminated composite CNT reinforced MRE cylindrical sandwich shells using HSDT. *Mechanics Based Design of Structures and Machines*,1-17	1.7	5
12	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,	3.5	3
11	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	3
10	Thermodynamic Evaluation of the Forced Convective Hybrid-Solar Dryer during Drying Process of Rosemary (Rosmarinus officinalis L.) Leaves. *Energies*, **2021**, 14, 5835	3.1	3

9	Comparison of Optimized and Conventional Models of Passive Solar Greenhouse Case Study: The Indoor Air Temperature, Irradiation, and Energy Demand. *Energies*, **2021**, 14, 5369	3.1	1
8	Effect of Pretreatments on Convective and Infrared Drying Kinetics, Energy Consumption and Quality of Terebinth. *Applied Sciences (Switzerland)*, **2021**, 11, 7672	2.6	1
7	Prediction of Almond Nut Yield and Its Greenhouse Gases Emission Using Different Methodologies. *Applied Sciences (Switzerland)*, **2022**, 12, 2036	2.6	1
6	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	10.3	1
5	An Overview of the Recent Advances in the Application of Metal Oxide Nanocatalysts for Biofuel Production. *Green Chemistry and Sustainable Technology*, **2017**, 255-299	1.1	0
4	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	2.6	0
3	Modeling and Design a Special Type of Passive Solar Greenhouse in Cold Climate by TRNSYS. *Tarim Bilimleri Dergisi*,488-499	0.2	0
2	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	2	0
1	Forecasting of Power Output of a PVPS Based on Meteorological Data Using RNN Approaches. *Sustainability*, **2022**, 14, 3104	3.6	0