

Esmail khalife

List of Publications by Year in descending order

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29
papers

1,339
citations

623734

14
h-index

501196

28
g-index

29
all docs

29
docs citations

29
times ranked

1038
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic characteristics of laminated composite CNT reinforced MRE cylindrical sandwich shells using HSDT. <i>Mechanics Based Design of Structures and Machines</i> , 2023, 51, 4120-4136.	4.7	12
2	Application of Artificial Neural Networks, Support Vector, Adaptive Neuro-Fuzzy Inference Systems for the Moisture Ratio of Parboiled Hulls. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 1771.	2.5	13
3	Prediction of Almond Nut Yield and Its Greenhouse Gases Emission Using Different Methodologies. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 2036.	2.5	1
4	Development of a machine vision system for the determination of some of the physical properties of very irregular small biomaterials. <i>International Agrophysics</i> , 2022, 1, 27-35.	1.7	2
5	Forecasting of Power Output of a PVPS Based on Meteorological Data Using RNN Approaches. <i>Sustainability</i> , 2022, 14, 3104.	3.2	3
6	Multi-criteria evaluation, and dynamic modeling of combining thermal photovoltaic and thermoelectric generators to extend electricity generation at night. <i>Journal of Cleaner Production</i> , 2022, 344, 131107.	9.3	8
7	Use of ultrasound pre-treatment before microwave drying of kiwifruits – An optimization approach with response surface methodology. <i>Journal of Food Processing and Preservation</i> , 2022, 46, .	2.0	9
8	Comparison of two artificial intelligence methods (<i>ANNs</i> and <i>ANFIS</i>) for estimating the energy and exergy of drying cantaloupe in a hybrid infrared-convective dryer. <i>Journal of Food Processing and Preservation</i> , 2022, 46, .	2.0	8
9	Comparative of various bio-inspired meta-heuristic optimization algorithms in performance and emissions of diesel engine fuelled with B5 containing water and cerium oxide additive blends. <i>International Journal of Energy Research</i> , 2022, 46, 21266-21280.	4.5	2
10	Soft computing-based modeling and emission control/reduction of a diesel engine fueled with carbon nanoparticle-dosed water/diesel emulsion fuel. <i>Journal of Hazardous Materials</i> , 2021, 407, 124369.	12.4	56
11	Comprehensive Assessment from Optimum Biodiesel Yield to Combustion Characteristics of Light Duty Diesel Engine Fueled with Palm Kernel Oil Biodiesel and Fuel Additives. <i>Materials</i> , 2021, 14, 4274.	2.9	12
12	Comparison of Optimized and Conventional Models of Passive Solar Greenhouse – Case Study: The Indoor Air Temperature, Irradiation, and Energy Demand. <i>Energies</i> , 2021, 14, 5369.	3.1	3
13	Effect of Pretreatments on Convective and Infrared Drying Kinetics, Energy Consumption and Quality of Terebinth. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 7672.	2.5	22
14	Exergy and Energy Analyses of Microwave Dryer for Cantaloupe Slice and Prediction of Thermodynamic Parameters Using ANN and ANFIS Algorithms. <i>Energies</i> , 2021, 14, 4838.	3.1	16
15	Thermodynamic Evaluation of the Forced Convective Hybrid-Solar Dryer during Drying Process of Rosemary (<i>Rosmarinus officinalis</i> L.) Leaves. <i>Energies</i> , 2021, 14, 5835.	3.1	17
16	Drying of organic blackberry in combined hot air-infrared dryer with ultrasound pretreatment. <i>Drying Technology</i> , 2021, 39, 2075-2091.	3.1	35
17	Consolidating emission indices of a diesel engine powered by carbon nanoparticle-doped diesel/biodiesel emulsion fuels using life cycle assessment framework. <i>Fuel</i> , 2020, 267, 117296.	6.4	30
18	Data supporting consolidating emission indices of a diesel engine powered by carbon nanoparticle-doped diesel/biodiesel emulsion fuels using life cycle assessment framework. <i>Data in Brief</i> , 2020, 30, 105428.	1.0	9

#	ARTICLE	IF	CITATIONS
19	Effects of aqueous carbon nanoparticles as a novel nanoadditive in water-emulsified diesel/biodiesel blends on performance and emissions parameters of a diesel engine. <i>Energy Conversion and Management</i> , 2019, 196, 1153-1166.	9.2	96
20	Environmental impact assessment of the mechanical shaft work produced in a diesel engine running on diesel/biodiesel blends containing glycerol-derived triacetin. <i>Journal of Cleaner Production</i> , 2019, 223, 466-486.	9.3	58
21	Simultaneous reduction of CO and NOx emissions as well as fuel consumption by using water and nano particles in Diesel/Biodiesel blend. <i>Journal of Cleaner Production</i> , 2019, 210, 1164-1170.	9.3	80
22	Exergoeconomic analysis of a DI diesel engine fueled with diesel/biodiesel (B5) emulsions containing aqueous nano cerium oxide. <i>Energy</i> , 2018, 149, 967-978.	8.8	152
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 I Experimental analysis. <i>Fuel</i> , 2017, 207, 741-750.	6.4	128
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 II Exergetic analysis. <i>Fuel</i> , 2017, 205, 262-271.	6.4	118
25	Impacts of additives on performance and emission characteristics of diesel engines during steady state operation. <i>Progress in Energy and Combustion Science</i> , 2017, 59, 32-78.	31.2	305
26	An Overview of the Recent Advances in the Application of Metal Oxide Nanocatalysts for Biofuel Production. <i>Green Chemistry and Sustainable Technology</i> , 2017, , 255-299.	0.7	2
27	Experimental investigation of low-level water in waste-oil produced biodiesel-diesel fuel blend. <i>Energy</i> , 2017, 121, 331-340.	8.8	55
28	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). <i>Energy Conversion and Management</i> , 2016, 124, 389-398.	9.2	86
29	Modeling and Design a Special Type of Passive Solar Greenhouse in Cold Climate by TRNSYS. <i>Tarim Bilimleri Dergisi</i> , 0, , 488-499.	0.4	1