

# Esmail khalife

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3204615/publications.pdf>

Version: 2024-02-01

29  
papers

1,339  
citations

623574

14  
h-index

501076

28  
g-index

29  
all docs

29  
docs citations

29  
times ranked

1038  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	15.8	305
2	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.	4.5	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. <i>Fuel</i> , 2017, 207, 741-750.	3.4	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. <i>Fuel</i> , 2017, 205, 262-271.	3.4	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. <i>Energy Conversion and Management</i> , 2019, 196, 1153-1166.	4.4	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). <i>Energy Conversion and Management</i> , 2016, 124, 389-398.	4.4	86
7	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.	4.6	80
8	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.	4.6	58
9	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.	6.5	56
10	Experimental investigation of low-level water in waste-oil produced biodiesel-diesel fuel blend. <i>Energy</i> , 2017, 121, 331-340.	4.5	55
11	Drying of organic blackberry in combined hot air-infrared dryer with ultrasound pretreatment. <i>Drying Technology</i> , 2021, 39, 2075-2091.	1.7	35
12	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.	3.4	30
13	Effect of Pretreatments on Convective and Infrared Drying Kinetics, Energy Consumption and Quality of Terebinth. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 7672.	1.3	22
14	Thermodynamic Evaluation of the Forced Convective Hybrid-Solar Dryer during Drying Process of Rosemary ( <i>Rosmarinus officinalis L.</i> ) Leaves. <i>Energies</i> , 2021, 14, 5835.	1.6	17
15	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.	1.6	16
16	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.	1.3	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. <i>Materials</i> , 2021, 14, 4274.	1.3	12
18	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.	3.4	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.	0.5	9
20	Use of ultrasound pre-treatment before microwave drying of kiwifruits – An optimization approach with response surface methodology. Journal of Food Processing and Preservation, 2022, 46, .	0.9	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.	4.6	8
22	Comparison of two artificial intelligence methods ( <sc>ANNs</sc> and <sc>ANFIS</sc> ) for estimating the energy and exergy of drying cantaloupe in a hybrid infrared-convective dryer. Journal of Food Processing and Preservation, 2022, 46, .	0.9	8
23	Comparison of Optimized and Conventional Models of Passive Solar Greenhouse – Case Study: The Indoor Air Temperature, Irradiation, and Energy Demand. Energies, 2021, 14, 5369.	1.6	3
24	Forecasting of Power Output of a PVPS Based on Meteorological Data Using RNN Approaches. Sustainability, 2022, 14, 3104.	1.6	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.	0.4	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.	0.7	2
27	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. International Journal of Energy Research, 2022, 46, 21266-21280.	2.2	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.	1.3	1