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List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	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	2.6	0
25	Prediction of Almond Nut Yield and Its Greenhouse Gases Emission Using Different Methodologies. <i>Applied Sciences (Switzerland)</i> , 2022 , 12, 2036	2.6	1
24	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	2	0
23	Forecasting of Power Output of a PVPS Based on Meteorological Data Using RNN Approaches. <i>Sustainability</i> , 2022 , 14, 3104	3.6	0
22	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	10.3	1
21	Drying of organic blackberry in combined hot air-infrared dryer with ultrasound pretreatment. <i>Drying Technology</i> , 2021 , 39, 2075-2091	2.6	18
20	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,	3.5	3
19	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	12.8	24
18	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	1
17	Effect of Pretreatments on Convective and Infrared Drying Kinetics, Energy Consumption and Quality of Terebinth. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 7672	2.6	1
16	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	3
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	3
14	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	7.1	19
13	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	1.2	6
12	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	10.3	42
11	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	10.6	60
10	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	10.3	52

9	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	7.9	113
8	A novel emulsion fuel containing aqueous nano cerium oxide additive in dieselBiodiesel blends to improve diesel engines performance and reduce exhaust emissions: Part I [Experimental analysis. <i>Fuel</i> , 2017 , 207, 741-750	7.1	105
7	A novel emulsion fuel containing aqueous nano cerium oxide additive in dieselBiodiesel blends to improve diesel engines performance and reduce exhaust emissions: Part II [Exergetic analysis. <i>Fuel</i> , 2017 , 205, 262-271	7.1	85
6	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	33.6	237
5	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	1.1	0
4	Experimental investigation of low-level water in waste-oil produced biodiesel-diesel fuel blend. <i>Energy</i> , 2017 , 121, 331-340	7.9	35
3	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	10.6	74
2	Modeling and Design a Special Type of Passive Solar Greenhouse in Cold Climate by TRNSYS. <i>Tarim Bilimleri Dergisi</i> , 488-499	0.2	0
1	Dynamic characteristics of laminated composite CNT reinforced MRE cylindrical sandwich shells using HSDT. <i>Mechanics Based Design of Structures and Machines</i> , 1-17	1.7	5