

Ali Attia

List of Publications by Year in descending order

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25
papers

1,326
citations

567281

15
h-index

794594

19
g-index

25
all docs

25
docs citations

25
times ranked

1054
citing authors

#	ARTICLE	IF	CITATIONS
1	Combustion, performance and emission analysis of diesel engine fuelled by higher alcohols (butanol,) Tj ETQq1 1 0,784314 rgBT /Ove 9,2 982		
2	The effect of Aluminum oxide nanoparticles addition with Jojoba methyl ester-diesel fuel blend on a diesel engine performance, combustion and emission characteristics. Fuel, 2018, 224, 147-166.	6.4	168
3	Laminar burning velocity and explosion index of LPG air and propane air mixtures. Fuel, 2008, 87, 39-57.	6.4	162
4	Influence of the structure of water-in-fuel emulsion on diesel engine performance. Fuel, 2014, 116, 703-708.	6.4	154
5	Influence of diesel fuel blended with biodiesel produced from waste cooking oil on diesel engine performance. Fuel, 2016, 167, 316-328.	6.4	145
6	Improvement of CI engine combustion and performance running on ternary blends of higher alcohol (Pentanol and Octanol)/hydrous ethanol/diesel. Fuel, 2019, 251, 10-22.	6.4	87
7	Corn and soybean biodiesel blends as alternative fuels for diesel engine at different injection pressures. Fuel, 2015, 161, 49-58.	6.4	80
8	Experimental investigations of air conditioning solutions in high power density data centers using a scaled physical model. International Journal of Refrigeration, 2016, 63, 87-99.	3.4	55
9	The influence of castor biodiesel blending ratio on engine performance including the determined diesel particulate matters composition. Energy, 2022, 239, 121951.	8.8	43
10	Study of Egyptian castor biodiesel-diesel fuel properties and diesel engine performance for a wide range of blending ratios and operating conditions for the sake of the optimal blending ratio. Energy Conversion and Management, 2018, 174, 364-377.	9.2	41
11	Experimental parametric study of servers cooling management in data centers buildings. Heat and Mass Transfer, 2017, 53, 2083-2097.	2.1	37
12	Experimental study of solving thermal heterogeneity problem of data center servers. Applied Thermal Engineering, 2016, 109, 466-474.	6.0	33
13	Investigation the effect of adding graphene oxide into diesel/higher alcohols blends on a diesel engine performance. International Journal of Green Energy, 2020, 17, 233-253.	3.8	29
14	Combustion and emission characteristics of Jojoba biodiesel-jet A1 mixtures applying a lean premixed pre-vaporized combustion techniques: An experimental investigation. Renewable Energy, 2020, 162, 2227-2245.	8.9	27
15	Adding n-butanol, n-heptanol, and n-octanol to improve vaporization, combustion, and emission characteristics of diesel/used frying oil biodiesel blends in <sc>DICl</sc> engine. Environmental Progress and Sustainable Energy, 2021, 40, e13549.	2.3	22
16	The effect of swirl burner design configuration on combustion and emission characteristics of lean pre-vaporized premixed flames. Energy, 2021, 228, 120622.	8.8	16
17	The effect of castor oil methyl ester blending ratio on the environmental and the combustion characteristics of diesel engine under standard testing conditions. Sustainable Energy Technologies and Assessments, 2020, 42, 100843.	2.7	15
18	Effect of waste cooking oil methyl ester Jet A-1 fuel blends on emissions and combustion characteristics of a swirl-stabilized lean pre-vaporized premixed flame. Fuel, 2020, 267, 117203.	6.4	10

#	ARTICLE	IF	CITATIONS
19	Pyrolysis, kinetics, and structural analyses of agricultural residues in Egypt: For future assessment of their energy potential. <i>Cleaner Engineering and Technology</i> , 2021, 2, 100080.	4.0	9
20	Investigation of the Impact of Adding Titanium Dioxide to Jojoba Biodiesel-Diesel-N-Hexane Mixture on the Performance and Emission Characteristics of a Diesel Engine. , 2018, , .		4
21	The effect of nanoparticles addition with biodiesel-diesel fuel blend on a diesel engine performance. , 2018, , .		3
22	Combustion Characteristics of Jojoba Methyl Ester as an Alternative Fuel for Gas Turbine. , 2014, , .		2
23	Passive Flow Separation Control in Linear Compressor Cascade. , 2019, , .		1
24	Experimental and Numerical Investigations of Pressure Loss and 3-D Flow Separations in a Linear Compressor Cascade. , 2019, , .		1
25	Investigations of Three-Dimensional Flow Field Development in an Axial Compressor Cascade. , 2019, , .		0