

# 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	The influence of castor biodiesel blending ratio on engine performance including the determined diesel particulate matters composition. <i>Energy</i> , 2022, 239, 121951.	8.8	43
2	Adding n-butanol, n-heptanol, and n-octanol to improve vaporization, combustion, and emission characteristics of diesel/used frying oil biodiesel blends in <scp>DICl</scp> engine. <i>Environmental Progress and Sustainable Energy</i> , 2021, 40, e13549.	2.3	22
3	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
4	The effect of swirl burner design configuration on combustion and emission characteristics of lean pre-vaporized premixed flames. <i>Energy</i> , 2021, 228, 120622.	8.8	16
5	Combustion and emission characteristics of Jojoba biodiesel-jet A1 mixtures applying a lean premixed pre-vaporized combustion techniques: An experimental investigation. <i>Renewable Energy</i> , 2020, 162, 2227-2245.	8.9	27
6	The effect of castor oil methyl ester blending ratio on the environmental and the combustion characteristics of diesel engine under standard testing conditions. <i>Sustainable Energy Technologies and Assessments</i> , 2020, 42, 100843.	2.7	15
7	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. <i>Fuel</i> , 2020, 267, 117203.	6.4	10
8	Investigation the effect of adding graphene oxide into diesel/higher alcohols blends on a diesel engine performance. <i>International Journal of Green Energy</i> , 2020, 17, 233-253.	3.8	29
9	Improvement of CI engine combustion and performance running on ternary blends of higher alcohol (Pentanol and Octanol)/hydrous ethanol/diesel. <i>Fuel</i> , 2019, 251, 10-22.	6.4	87
10	Combustion, performance and emission analysis of diesel engine fuelled by higher alcohols (butanol,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	9.2	182
11	Passive Flow Separation Control in Linear Compressor Cascade. , 2019, , .		1
12	Experimental and Numerical Investigations of Pressure Loss and 3-D Flow Separations in a Linear Compressor Cascade. , 2019, , .		1
13	Investigations of Three-Dimensional Flow Field Development in an Axial Compressor Cascade. , 2019, , .		0
14	The effect of Aluminum oxide nanoparticles addition with Jojoba methyl ester-diesel fuel blend on a diesel engine performance, combustion and emission characteristics. <i>Fuel</i> , 2018, 224, 147-166.	6.4	168
15	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
16	The effect of nanoparticles addition with biodiesel-diesel fuel blend on a diesel engine performance. , 2018, , .		3
17	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. <i>Energy Conversion and Management</i> , 2018, 174, 364-377.	9.2	41
18	Experimental parametric study of servers cooling management in data centers buildings. <i>Heat and Mass Transfer</i> , 2017, 53, 2083-2097.	2.1	37

#	ARTICLE	IF	CITATIONS
19	Experimental study of solving thermal heterogeneity problem of data center servers. Applied Thermal Engineering, 2016, 109, 466-474.	6.0	33
20	Influence of diesel fuel blended with biodiesel produced from waste cooking oil on diesel engine performance. Fuel, 2016, 167, 316-328.	6.4	145
21	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
22	Corn and soybean biodiesel blends as alternative fuels for diesel engine at different injection pressures. Fuel, 2015, 161, 49-58.	6.4	80
23	Influence of the structure of water-in-fuel emulsion on diesel engine performance. Fuel, 2014, 116, 703-708.	6.4	154
24	Combustion Characteristics of Jojoba Methyl Ester as an Alternative Fuel for Gas Turbine. , 2014, , .		2
25	Laminar burning velocity and explosion index of LPG-air and propane-air mixtures. Fuel, 2008, 87, 39-57.	6.4	162