

Ahmed I El-Seesy

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

2,360
citations

172207

29
h-index

243296

44
g-index

51
all docs

51
docs citations

51
times ranked

1025
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation on the effect of cottonseed oil blended with different percentages of octanol and suspended MWCNT nanoparticles on diesel engine characteristics. <i>Journal of Thermal Analysis and Calorimetry</i> , 2022, 147, 525-542.	2.0	51
2	Utilization of biodiesel/Al ₂ O ₃ nanoparticles for combustion behavior enhancement of a diesel engine operated on dual fuel mode. <i>Journal of Thermal Analysis and Calorimetry</i> , 2022, 147, 5897-5911.	2.0	48
3	The influence of castor biodiesel blending ratio on engine performance including the determined diesel particulate matters composition. <i>Energy</i> , 2022, 239, 121951.	4.5	43
4	Biofuel versus fossil fuel. , 2022, , 181-193.		7
5	Recent developments in solar drying technology of food and agricultural products: A review. <i>Renewable and Sustainable Energy Reviews</i> , 2022, 157, 112070.	8.2	47
6	Combustion and emission characteristics of a common rail diesel engine run with n-heptanol-methyl oleate mixtures. <i>Energy</i> , 2021, 214, 118972.	4.5	33
7	Effect of asymmetric structural characteristics of multi-hole marine diesel injectors on internal cavitation patterns and flow characteristics: A numerical study. <i>Fuel</i> , 2021, 283, 119324.	3.4	27
8	An optical study on spray and combustion characteristics of ternary hydrogenated catalytic biodiesel/methanol/n-octanol blends; part â...: Spray morphology, ignition delay, and flame lift-off length. <i>Fuel</i> , 2021, 289, 119762.	3.4	39
9	Impacts of octanol and decanol addition on the solubility of methanol/hydrous methanol/diesel/biodiesel/jet A-1 fuel ternary mixtures. <i>RSC Advances</i> , 2021, 11, 18213-18224.	1.7	5
10	Engine performance and emission characteristics of palm biodiesel blends with graphene oxide nanoplatelets and dimethyl carbonate additives. <i>Journal of Environmental Management</i> , 2021, 282, 111917.	3.8	86
11	Collective effect of ternary nano fuel blends on the diesel engine performance and emissions characteristics. <i>Fuel</i> , 2021, 293, 120420.	3.4	65
12	Experimental investigation on compression ignition engine powered with pentanol and thevetia peruviana methyl ester under reactivity controlled compression ignition mode of operation. <i>Case Studies in Thermal Engineering</i> , 2021, 25, 100921.	2.8	61
13	Diesel-oxygenated fuels ternary blends with nano additives in compression ignition engine: A step towards cleaner combustion and green environment. <i>Case Studies in Thermal Engineering</i> , 2021, 25, 100911.	2.8	69
14	Influence of quaternary combinations of biodiesel/methanol/n-octanol/diethyl ether from waste cooking oil on combustion, emission, and stability aspects of a diesel engine. <i>Energy Conversion and Management</i> , 2021, 240, 114268.	4.4	64
15	An optical study on spray and combustion characteristics of ternary hydrogenated catalytic biodiesel/methanol/n-octanol blends; part Đÿ: Liquid length and in-flame soot. <i>Energy</i> , 2021, 227, 120543.	4.5	46
16	Smart control strategy for effective hydrocarbon and carbon monoxide emission reduction on a conventional diesel engine using the pooled impact of pre-and post-combustion techniques. <i>Journal of Cleaner Production</i> , 2021, 306, 127310.	4.6	56
17	Combustion characteristics of a diesel engine running with Mandarin essential oil -diesel mixtures and propanol additive under different exhaust gas recirculation: Experimental investigation and numerical simulation. <i>Case Studies in Thermal Engineering</i> , 2021, 26, 101100.	2.8	24
18	Design and thermal analysis of a new multi-segmented mini channel based radiant ceiling cooling panel. <i>Journal of Building Engineering</i> , 2021, 40, 102330.	1.6	12

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19	Combustion and emissions aspects of a diesel engine working with sheep fat oil biodiesel-diesel blends. <i>Case Studies in Thermal Engineering</i> , 2021, 26, 101162.	2.8	18
20	Experimental evaluation of the performance and emissions of a direct-injection compression-ignition engine fueled with n-hexanol-diesel blends. <i>Fuel</i> , 2021, 302, 121144.	3.4	42
21	IMPACT OF ENLARGED SCALES AND CONTINUOUS BUBBLES ON CAVITATION PATTERNS OF DIESEL NOZZLES. <i>Atomization and Sprays</i> , 2021, 31, 11-30.	0.3	1
22	Combustion and emission characteristics of a rapid compression-expansion machine operated with N-heptanol-methyl oleate biodiesel blends. <i>Renewable Energy</i> , 2020, 147, 2064-2076.	4.3	46
23	Enhancement the combustion aspects of a CI engine working with Jatropha biodiesel/decanol/propanol ternary combinations. <i>Energy Conversion and Management</i> , 2020, 226, 113524.	4.4	57
24	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.	4.3	27
25	Optical experimental study on cavitation development with different patterns in diesel injector nozzles at different fuel temperatures. <i>Experiments in Fluids</i> , 2020, 61, 1.	1.1	11
26	Combustion, emission, and phase stability features of a diesel engine fueled by Jatropha/ethanol blends and n-butanol as co-solvent. <i>International Journal of Green Energy</i> , 2020, 17, 793-804.	2.1	32
27	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.	1.7	15
28	Hydrogen Injection in a Dual Fuel Engine Fueled with Low-Pressure Injection of Methyl Ester of Thevetia Peruviana (METP) for Diesel Engine Maintenance Application. <i>Energies</i> , 2020, 13, 5663.	1.6	30
29	Improvement of combustion and emission characteristics of a diesel engine working with diesel/jojoba oil blends and butanol additive. <i>Fuel</i> , 2020, 279, 118433.	3.4	61
30	Effects of an injector cooling jacket on combustion characteristics of compressed-ignition sprays with a gasoline-hydrogenated catalytic biodiesel blend. <i>Fuel</i> , 2020, 276, 117947.	3.4	34
31	Improving diesel engine performance using carbon nanomaterials. , 2020, , 77-103.		6
32	Enhancing the combustion and emission parameters of a diesel engine fueled by waste cooking oil biodiesel and gasoline additives. <i>Fuel</i> , 2020, 269, 117466.	3.4	61
33	Combustion and emission characteristics of RCEM and common rail diesel engine working with diesel fuel and ethanol/hydrous ethanol injected in the intake and exhaust port: Assessment and comparison. <i>Energy Conversion and Management</i> , 2020, 205, 112453.	4.4	53
34	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.	2.1	29
35	Combustion and Emission Characteristics of a Diesel Engine Working With Diesel/Jojoba Biodiesel/Higher Alcohol Blends. , 2020, , .		2
36	Investigation of the effect of adding graphene oxide, graphene nanoplatelet, and multiwalled carbon nanotube additives with n-butanol-Jatropha methyl ester on a diesel engine performance. <i>Renewable Energy</i> , 2019, 132, 558-574.	4.3	118

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37	Influence of adding multiwalled carbon nanotubes to waste cooking oil biodiesel on the performance and emission characteristics of a diesel engine: an experimental investigation. International Journal of Green Energy, 2019, 16, 901-916.	2.1	13
38	Improving the Performance of a Diesel Engine Operated with Jojoba Biodiesel-Diesel-n-Butanol Ternary Blends. Energy Procedia, 2019, 156, 33-37.	1.8	28
39	Combustion Characteristics of a Diesel Engine Fueled by Biodiesel-Diesel-N-Butanol Blend and Titanium Oxide Additives. Energy Procedia, 2019, 162, 48-56.	1.8	34
40	Combustion and emission characteristics of a common rail diesel engine and RCEM fueled by n-heptanol-diesel blends and carbon nanomaterial additives. Energy Conversion and Management, 2019, 196, 370-394.	4.4	64
41	Effects of graphene nanoplatelet addition to jatropha Biodiesel Diesel mixture on the performance and emission characteristics of a diesel engine. Energy, 2018, 147, 1129-1152.	4.5	134
42	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.	3.4	168
43	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
44	Influence of adding aluminum oxide nanoparticles to diesterol blends on the combustion and exhaust emission characteristics of a diesel engine. Experimental Thermal and Fluid Science, 2018, 98, 634-644.	1.5	80
45	The effect of nanoparticles addition with biodiesel-diesel fuel blend on a diesel engine performance. , 2018, , .		3
46	Performance, combustion, and emission characteristics of a diesel engine fueled with Jatropha methyl ester and graphene oxide additives. Energy Conversion and Management, 2018, 166, 674-686.	4.4	123
47	Performance, combustion, and emission characteristics of a diesel engine fueled by biodiesel-diesel mixtures with multi-walled carbon nanotubes additives. Energy Conversion and Management, 2017, 135, 373-393.	4.4	183
48	Investigation of the Performance of a Diesel Engine Fueled by Biodiesel-Diesel Fuel Mixture With Addition of Nanoparticles. , 2017, , .		5
49	The Influence of Multi-walled Carbon Nanotubes Additives into Non-edible Biodiesel-diesel Fuel Blend on Diesel Engine Performance and Emissions. Energy Procedia, 2016, 100, 166-172.	1.8	59
50	Effects of Alumina Nanoparticles Additives Into Jojoba Methyl Ester-Diesel Mixture on Diesel Engine Performance. , 2014, , .		26