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List of Publications by Year in descending order

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17
papers

370
citations

1162367

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h-index

996533

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17
all docs

17
docs citations

17
times ranked

328
citing authors

#	ARTICLE	IF	CITATIONS
1	Artificial neural network prediction of performance and emissions of a diesel engine fueled with palm biodiesel. <i>Scientific Reports</i> , 2022, 12, .	1.6	6
2	Effect of different nanofluids on performance analysis of flat plate solar collector. <i>Journal of Dispersion Science and Technology</i> , 2021, 42, 1867-1878.	1.3	9
3	Assessment of diesel engine performance, emissions and combustion characteristics burning biodiesel blends from jatropha seeds. <i>Chemical Engineering Research and Design</i> , 2021, 147, 518-526.	2.7	59
4	Enhancement of combustion characteristics and emissions reductions of a diesel engine using biodiesel and carbon nanotube. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2021, 29, 267-279.	1.0	11
5	Effect of waste cooking oil biodiesel blending with gasoline and kerosene on diesel engine performance, emissions and combustion characteristics. <i>Chemical Engineering Research and Design</i> , 2021, 149, 1-10.	2.7	48
6	Experimental investigations on diesel engine using alumina nanoparticle fuel additive. <i>Advances in Mechanical Engineering</i> , 2021, 13, 168781402098840.	0.8	34
7	Experimental cyclic variations of diesel engine burning pyrolysis castor oil blends. <i>Advances in Mechanical Engineering</i> , 2020, 12, 168781402096718.	0.8	2
8	Impact of HHO gas on diesel engine performance and emissions. , 2020, , .		0
9	Diesel engine performance, emissions and combustion characteristics of castor oil blends using pyrolysis. <i>Advances in Mechanical Engineering</i> , 2020, 12, 168781402097552.	0.8	3
10	A comparative study on the effect of nano-additives on the performance and emissions of a diesel engine run on Jatropha biodiesel. <i>Fuel</i> , 2020, 267, 117168.	3.4	128
11	Performance and exhaust emissions of a diesel engine using diesel nanoemulsions as alternative fuels. <i>Egyptian Journal of Petroleum</i> , 2019, 28, 197-204.	1.2	19
12	Comparative study of combustion characteristics and exhaust emissions of waste cooking-diesel oil blends. <i>Ain Shams Engineering Journal</i> , 2018, 9, 3123-3134.	3.5	21
13	Effect of multi carbon nanosheet on diesel engine performance and emissions. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2018, 26, 722-728.	1.0	14
14	Effect of Egyptian Roselle biodiesel on performance and emissions of diesel engine. <i>Egyptian Journal of Chemistry</i> , 2018, 61, 700-710.	0.1	7
15	Performance and emissions characteristics of diesel engine running using biodiesel and its blends with kerosene compared to regular diesel. <i>Egyptian Journal of Chemistry</i> , 2018, .	0.1	1
16	Catalytic Cracking of Vegetable Oils for Producing Biofuel. <i>Egyptian Journal of Chemistry</i> , 2017, 60, 291-300.	0.1	3
17	Combustion Characteristics of a Swirled Burner Fueled With Waste Cooking Oil. , 2015, , .		5