

Tamilselvan P

List of Publications by Year in descending order

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17
papers

660
citations

840776

11
h-index

940533

16
g-index

17
all docs

17
docs citations

17
times ranked

624
citing authors

#	ARTICLE	IF	CITATIONS
1	A comprehensive review on performance, combustion and emission characteristics of biodiesel fuelled diesel engines. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 79, 1134-1159.	16.4	252
2	A literature review of fuel effects on performance and emission characteristics of low-temperature combustion strategies. <i>Applied Energy</i> , 2019, 251, 113380.	10.1	130
3	Experimental study of spray characteristics of diesel/hydrogenated catalytic biodiesel blended fuels under inert and reacting conditions. <i>Energy</i> , 2018, 153, 349-358.	8.8	42
4	Combustion and emission characteristics of gasoline/hydrogenated catalytic biodiesel blends in gasoline compression ignition engines under different loads of double injection strategies. <i>Applied Energy</i> , 2019, 251, 113296.	10.1	39
5	Experimental study of ignition, lift-off length and emission characteristics of diesel/hydrogenated catalytic biodiesel blends. <i>Applied Energy</i> , 2019, 235, 641-652.	10.1	34
6	Performance, combustion and emission characteristics of a compression ignition engine operating on pine oil. <i>Biofuels</i> , 2015, 6, 273-281.	2.4	27
7	Experimental study of combustion and emission characteristics of gasoline compression ignition (GCI) engines fueled by gasoline-hydrogenated catalytic biodiesel blends. <i>Energy</i> , 2019, 187, 115931.	8.8	27
8	Experimental study the effect of injection strategies on combustion and emission characteristics in gasoline compression ignition engines using gasoline/hydrogenated catalytic biodiesel blends. <i>Fuel</i> , 2020, 278, 118156.	6.4	21
9	Experimental study on in-flame soot formation and soot emission characteristics of gasoline/hydrogenated catalytic biodiesel blends. <i>Fuel</i> , 2021, 289, 119813.	6.4	21
10	Experimental and analytical study on capture spray liquid penetration and combustion characteristics simultaneously with Hydrogenated Catalytic Biodiesel/Diesel blended fuel. <i>Applied Energy</i> , 2018, 226, 947-956.	10.1	18
11	Simultaneous study on spray liquid length, ignition and combustion characteristics of diesel and hydrogenated catalytic biodiesel in a constant volume combustion chamber. <i>Renewable Energy</i> , 2019, 140, 761-771.	8.9	16
12	Experimental investigation of performance, combustion and emission characteristics of CI engine fuelled with chicha oil biodiesel. <i>International Journal of Ambient Energy</i> , 2017, 38, 752-758.	2.5	11
13	Reduced emissions using blends of diesel fuel and Chicha oil biodiesel. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2017, 39, 1050-1055.	2.3	8
14	LARGE EDDY SIMULATIONS ON ASYMMETRICAL ATOMIZATION OF THE ELLIPTICAL JET WITH CAVITATION. <i>Atomization and Sprays</i> , 2019, 29, 177-198.	0.8	6
15	Effects of injection strategies coupled with gasoline-hydrogenated catalytic biodiesel blends on combustion and emission characteristics in GCI engine under low loads. <i>Fuel</i> , 2022, 317, 123490.	6.4	4
16	Performance and emissions of <i>Chlorella vulgaris</i> with ruthenium oxide in CI engines. <i>Fuel</i> , 2022, 314, 122764.	6.4	3
17	Performance and Emission Studies of Biodiesel Fuelled Diesel Engines: A Review. <i>Applied Mechanics and Materials</i> , 0, 787, 797-802.	0.2	1