

Pavlos Dimitriou

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

16
papers

475
citations

10
h-index

20
g-index

20
ext. papers

717
ext. citations

4.2
avg. IF

4.97
L-index

#	Paper	IF	Citations
16	A review of ammonia as a compression ignition engine fuel. <i>International Journal of Hydrogen Energy</i> , 2020 , 45, 7098-7118	6.7	109
15	A novel fuzzy logic variable geometry turbocharger and exhaust gas recirculation control scheme for optimizing the performance and emissions of a diesel engine. <i>International Journal of Engine Research</i> , 2020 , 21, 1298-1313	2.7	7
14	A fully renewable and efficient backup power system with a hydrogen-biodiesel-fueled IC engine. <i>Energy Procedia</i> , 2019 , 157, 1305-1319	2.3	10
13	Low-load hydrogen-diesel dual-fuel engine operation \square A combustion efficiency improvement approach. <i>International Journal of Hydrogen Energy</i> , 2019 , 44, 17048-17060	6.7	19
12	On the capabilities and limitations of predictive, multi-zone combustion models for hydrogen-diesel dual fuel operation. <i>International Journal of Hydrogen Energy</i> , 2019 , 44, 18517-18531	6.7	6
11	Adopting biodiesel as an indirect way to reduce the NOx emission of a hydrogen fumigated dual-fuel engine. <i>Fuel</i> , 2019 , 244, 324-334	7.1	35
10	Attempt to correlate simulations and measurements of turbine performance under pulsating flows for automotive turbochargers. <i>Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering</i> , 2019 , 233, 174-187	1.4	7
9	The benefits of a mid-route exhaust gas recirculation system for two-stage boosted engines. <i>International Journal of Engine Research</i> , 2018 , 19, 553-569	2.7	4
8	Combustion and emission characteristics of a hydrogen-diesel dual-fuel engine. <i>International Journal of Hydrogen Energy</i> , 2018 , 43, 13605-13617	6.7	78
7	Hydrogen-diesel dual-fuel engine optimization for CHP systems. <i>Energy</i> , 2018 , 160, 740-752	7.9	16
6	A review of hydrogen as a compression ignition engine fuel. <i>International Journal of Hydrogen Energy</i> , 2017 , 42, 24470-24486	6.7	135
5	Electric Turbocharging for Energy Regeneration and Increased Efficiency at Real Driving Conditions. <i>Applied Sciences (Switzerland)</i> , 2017 , 7, 350	2.6	10
4	A Piston Geometry and Nozzle Spray Angle Investigation in a DI Diesel Engine by Quantifying the Air-Fuel Mixture. <i>International Journal of Spray and Combustion Dynamics</i> , 2015 , 7, 1-24	1.3	14
3	Effects of advanced injection strategies on the in-cylinder air/fuel homogeneity of diesel engines. <i>Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering</i> , 2015 , 229, 330-341	1.4	11
2	Analysis of Diesel Engine In-Cylinder Air-Fuel Mixing with Homogeneity Factor: Combined Effects of Pilot Injection Strategies and Air Motion. <i>SAE International Journal of Engines</i> , 2014 , 7, 2045-2060	2.4	6
1	Diesel Engine Combustion Optimization for Bio-Diesel Blends Using Taguchi and ANOVA Statistical Methods 2013 ,		6