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List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

502
citations

686830

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24
docs citations

24
times ranked

497
citing authors

#	ARTICLE	IF	CITATIONS
1	Diesel Particle Size Distribution Estimation from Digital Image Analysis. <i>Aerosol Science and Technology</i> , 2003, 37, 369-381.	1.5	83
2	Evaluating thermoelectric modules in diesel exhaust systems: potential under urban and extra-urban driving conditions. <i>Journal of Cleaner Production</i> , 2018, 182, 1070-1079.	4.6	41
3	Evaluation of sooting tendency of different oxygenated and paraffinic fuels blended with diesel fuel. <i>Fuel</i> , 2016, 184, 536-543.	3.4	36
4	Impact of regulated pollutant emissions of Euro 6d-Temp light-duty diesel vehicles under real driving conditions. <i>Journal of Cleaner Production</i> , 2021, 286, 124927.	4.6	36
5	Comparative study of pollutant emissions from engine starting with animal fat biodiesel and GTL fuels. <i>Fuel</i> , 2013, 113, 560-570.	3.4	32
6	Estimation of Opacity Tendency of Ethanol and Biodiesel Diesel Blends by Means of the Smoke Point Technique. <i>Energy & Fuels</i> , 2011, 25, 3283-3288.	2.5	24
7	Developing Computational Fluid Dynamics (CFD) Models to Evaluate Available Energy in Exhaust Systems of Diesel Light-Duty Vehicles. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 590.	1.3	24
8	Experimental Study of the Effect of Hydrotreated Vegetable Oil and Oxymethylene Ethers on Main Spray and Combustion Characteristics under Engine Combustion Network Spray A Conditions. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 5460.	1.3	24
9	Uncertainties in the determination of particle size distributions using a mini tunnel SMPS system during Diesel engine testing. <i>Measurement Science and Technology</i> , 2007, 18, 2121-2130.	1.4	22
10	Comparison of real driving emissions from Euro VI buses with diesel and compressed natural gas fuels. <i>Fuel</i> , 2021, 289, 119836.	3.4	21
11	Particles emitted during the stops of an urban bus fuelled with ethanol biodiesel diesel blends. <i>Urban Climate</i> , 2012, 2, 43-54.	2.4	20
12	Biodiesel Emissions from a Baseline Engine Operated with Different Injection Systems and Exhaust Gas Recirculation (EGR) Strategies during Transient Sequences. <i>Energy & Fuels</i> , 2009, 23, 6168-6180.	2.5	19
13	Particle size distributions from a city bus fuelled with ethanol biodiesel diesel fuel blends. <i>Fuel</i> , 2013, 111, 393-400.	3.4	16
14	The effect of diesel engine operating conditions on exhaust particle size distributions. <i>Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering</i> , 2008, 222, 1513-1525.	1.1	15
15	Vision based algorithm for automated determination of smoke point of diesel blends. <i>Fuel</i> , 2019, 235, 595-602.	3.4	14
16	The influence of ethanol-diesel blend on pollutant emissions from different bus fleets under acceleration transitions. <i>Fuel</i> , 2017, 209, 322-328.	3.4	13
17	Impact of injection strategy and GTL fuels on combustion process and performance under diesel engine start. <i>Fuel</i> , 2017, 200, 529-544.	3.4	12
18	Methodology for measurement of diesel particle size distributions from a city bus working in real traffic conditions. <i>Measurement Science and Technology</i> , 2011, 22, 105404.	1.4	10

#	ARTICLE	IF	CITATIONS
19	Estimation of volatile organic emission based on diesel particle size distributions. Measurement Science and Technology, 2012, 23, 105305.	1.4	10
20	Thermoelectric Energy Recovery in a Light-Duty Diesel Vehicle under Real-World Driving Conditions at Different Altitudes with Diesel, Biodiesel and GTL Fuels. Energies, 2019, 12, 1105.	1.6	9
21	Pollutant Emissions from Starting a Common Rail Diesel Engine Fueled with Different Biodiesel Fuels. Journal of Energy Engineering - ASCE, 2016, 142, .	1.0	8
22	Effect of Ethanolâ€ Diesel Fuel Blend on Diesel Engine Emissions Produced by Different Bus Fleets. Journal of Energy Engineering - ASCE, 2016, 142, .	1.0	6
23	Estimation of thermal loads in a climatic chamber for vehicle testing. Transportation Research, Part D: Transport and Environment, 2018, 65, 761-771.	3.2	6
24	Morphological Analysis of Particulate Matter emitted by a Diesel Engine using Digital Image Analysis Algorithms and Scanning Mobility Particle Sizer. , 0, , .		1