

Chiara Guido

List of Publications by Year in descending order

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papers

720
citations

932766

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996533

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g-index

38
all docs

38
docs citations

38
times ranked

634
citing authors

#	ARTICLE	IF	CITATIONS
1	How engine design improvement impacts on particle emissions from an HD SI natural gas engine. Energy, 2021, 231, 120748.	4.5	15
2	Particle emissions from a HD SI gas engine fueled with LPG and CNG. Fuel, 2020, 269, 117439.	3.4	30
3	Assessment of optimized calibrations in minimizing GHG emissions from a Dual Fuel NG/Diesel automotive engine. Fuel, 2019, 258, 115997.	3.4	12
4	Impact of hydrocracked diesel fuel and Hydrotreated Vegetable Oil blends on the fuel consumption of automotive diesel engines. Fuel, 2018, 222, 718-732.	3.4	17
5	Chemical/Physical Features of Particles Emitted from a Modern Automotive Dual-Fuel Methane“Diesel Engine. Energy & Fuels, 2018, 32, 10154-10162.	2.5	9
6	Application of a Dual Fuel Diesel-CNG Configuration in a Euro 5 Automotive Diesel Engine. , 2017, , .		3
7	How Much Regeneration Events Influence Particle Emissions of DPF-Equipped Vehicles?. , 2017, , .		6
8	Estimation of TTW and WTW Factors for a Light Duty Dual Fuel NG-Diesel EU5 Passenger Car. , 2014, , .		5
9	Injection parameter optimization by DoE of a light-duty diesel engine fed by Bio-ethanol/RME/diesel blend. Applied Energy, 2014, 113, 373-384.	5.1	43
10	Mixture of glycerol ethers as diesel bio-derivable oxy-fuel: Impact on combustion and emissions of an automotive engine combustion system. Applied Energy, 2014, 132, 236-247.	5.1	52
11	Glycerol Ethers Production and Engine Performance with Diesel/Ethers Blend. Topics in Catalysis, 2013, 56, 378-383.	1.3	35
12	Application of bioethanol/RME/diesel blend in a Euro5 automotive diesel engine: Potentiality of closed loop combustion control technology. Applied Energy, 2013, 102, 13-23.	5.1	75
13	Soot particle size and pollutant emissions characterization from a LD diesel engine equipped with high pressure and low pressure EGR system and operated with conventional and PCCI combustion. International Journal of Vehicle Design, 2012, 59, 82.	0.1	1
14	Implementation of the Closed-Loop Combustion Control Methodology in Modern Automotive Diesel Engines for Low-End Torque Increment Burning Biodiesel. Energy & Fuels, 2012, 26, 1305-1314.	2.5	9
15	Detailed characterization of particulate emissions of an automotive catalyzed DPF using actual regeneration strategies. Experimental Thermal and Fluid Science, 2012, 39, 45-53.	1.5	69
16	Assessment of biodiesel blending detection capability of the on-board diagnostic of the last generation automotive diesel engines. Fuel, 2011, 90, 2039-2044.	3.4	12
17	Experimental analysis of alternative fuel impact on a new “torque-controlled” light-duty diesel engine for passenger cars. Fuel, 2010, 89, 3278-3286.	3.4	23
18	Implementation and Validation of a n-Heptane Kinetic Combustion Model for 3D-CFD Codes by Means of Numerical Calculations and Single Cylinder Engine Experiments. , 2009, , .		1

#	ARTICLE	IF	CITATIONS
19	Benefits and Drawbacks of Compression Ratio Reduction in PCCI Combustion Application in an Advanced LD Diesel Engine. SAE International Journal of Engines, 2009, 2, 1290-1303.	0.4	12
20	The Effect of "Clean and Cold" EGR on the Improvement of Low Temperature Combustion Performance in a Single Cylinder Research Diesel Engine. , 2008, , .		6
21	Compression Ratio Influence on the Performance of an Advanced Single-Cylinder Diesel Engine Operating in Conventional and Low Temperature Combustion Mode. , 2008, , .		18
22	Experimental Analysis of the Operating Parameter Influence on the application of Low Temperature Combustion in the Modern Diesel Engines. , 2007, , .		17
23	Influence of the Air-Path Operating Parameters on the Low Temperature Combustion in a Single-Cylinder Diesel Engine. , 2007, , .		0
24	Experimental Investigation of the Benefits of Cooled and Extra-cooled Low-Pressure EGR on a Light Duty Diesel Engine Performance. SAE International Journal of Fuels and Lubricants, 0, 2, 398-412.	0.2	3
25	Alternative Diesel Fuels Effects on Combustion and Emissions of an Euro4 Automotive Diesel Engine. SAE International Journal of Engines, 0, 2, 542-561.	0.4	22
26	Alternative Diesel Fuels Effects on Combustion and Emissions of an Euro5 Automotive Diesel Engine. SAE International Journal of Fuels and Lubricants, 0, 3, 107-132.	0.2	31
27	Impact of RME and GTL Fuel on Combustion and Emissions of a "Torque-Controlled" Diesel Automotive Engines. SAE International Journal of Fuels and Lubricants, 0, 3, 118-134.	0.2	10
28	The Key Role of the Closed-loop Combustion Control for Exploiting the Potential of Biodiesel in a Modern Diesel Engine for Passenger Car Applications. SAE International Journal of Engines, 0, 4, 2576-2589.	0.4	5
29	Assessment of Closed-Loop Combustion Control Capability for Biodiesel Blending Detection and Combustion Impact Mitigation for an Euro5 Automotive Diesel Engine. , 0, , .		15
30	Analysis of Particle Mass and Size Emissions from a Catalyzed Diesel Particulate Filter during Regeneration by Means of Actual Injection Strategies in Light Duty Engines. SAE International Journal of Engines, 0, 4, 2510-2518.	0.4	8
31	Combustion Behaviour and Emission Performance of Neat and Blended Polyoxymethylene Dimethyl Ethers in a Light-Duty Diesel Engine. , 0, , .		94
32	Analysis of Diesel Injector Nozzle Flow Number Impact on Emissions and Performance of a Euro5 Automotive Diesel Engine. , 0, , .		2
33	Impact of Biodiesel on Particle Emissions and DPF Regeneration Management in a Euro5 Automotive Diesel Engine. , 0, , .		14
34	Experimental and Numerical Analysis of Nozzle Flow Number Impact on Full Load Performance of an Euro5 Automotive Diesel Engine. , 0, , .		5
35	Study of the Effect of the Engine Parameters Calibration to Optimize the Use of Bio-Ethanol/RME/Diesel Blend in a Euro5 Light Duty Diesel Engine. SAE International Journal of Fuels and Lubricants, 0, 6, 263-275.	0.2	18
36	Analysis of Nozzle Coking Impact on Emissions and Performance of a Euro5 Automotive Diesel Engine. SAE International Journal of Engines, 0, 6, 1801-1813.	0.4	6

#	ARTICLE	IF	CITATIONS
37	Hydrocracked Fossil Oil and Hydrotreated Vegetable Oil (HVO) Effects on Combustion and Emissions Performance of "Torque-Controlled" Diesel Engines. , 0, , .		10
38	Assessment of Engine Control Parameters Effect to Minimize GHG Emissions in a Dual Fuel NG/Diesel Light Duty Engine. , 0, , .		7