

Jose Antonio Soriano

List of Publications by Citations

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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.

41
papers

2,744
citations

20
h-index

42
g-index

42
ext. papers

2,976
ext. citations

6.3
avg, IF

5.41
L-index

#	Paper	IF	Citations
41	Effect of biodiesel fuels on diesel engine emissions. <i>Progress in Energy and Combustion Science</i> , 2008 , 34, 198-223	33.6	1353
40	Impact of fuel formulation on the nanostructure and reactivity of diesel soot. <i>Combustion and Flame</i> , 2012 , 159, 3597-3606	5.3	210
39	Effect of alternative fuels on exhaust emissions during diesel engine operation with matched combustion phasing. <i>Fuel</i> , 2010 , 89, 438-456	7.1	130
38	Effect of Ethanol on Blending Stability and Diesel Engine Emissions. <i>Energy & Fuels</i> , 2009 , 23, 4343-4354	4.5	120
37	Impact of engine operating modes and combustion phasing on the reactivity of diesel soot. <i>Combustion and Flame</i> , 2013 , 160, 682-691	5.3	99
36	Emissions from different alternative diesel fuels operating with single and split fuel injection. <i>Fuel</i> , 2010 , 89, 423-437	7.1	98
35	Diesel Particle Size Distribution Estimation from Digital Image Analysis. <i>Aerosol Science and Technology</i> , 2003 , 37, 369-381	3.4	73
34	Impact of crude vegetable oils on the oxidation reactivity and nanostructure of diesel particulate matter. <i>Combustion and Flame</i> , 2014 , 161, 2904-2915	5.3	72
33	Potential for reducing emissions in a diesel engine by fuelling with conventional biodiesel and Fischer-Tropsch diesel. <i>Fuel</i> , 2010 , 89, 3106-3113	7.1	66
32	Pollutant emissions from New European Driving Cycle with ethanol and butanol diesel blends. <i>Fuel Processing Technology</i> , 2014 , 122, 64-71	7.2	61
31	Impact of alternative fuels on performance and pollutant emissions of a light duty engine tested under the new European driving cycle. <i>Applied Energy</i> , 2013 , 107, 183-190	10.7	49
30	Oxidation reactivity and nanostructural characterization of the soot coming from farnesane - A novel diesel fuel derived from sugar cane. <i>Carbon</i> , 2017 , 125, 516-529	10.4	48
29	Evaluation of sooting tendency of different oxygenated and paraffinic fuels blended with diesel fuel. <i>Fuel</i> , 2016 , 184, 536-543	7.1	31
28	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	10.3	30
27	Impact of Animal Fat Biodiesel, GTL, and HVO Fuels on Combustion, Performance, and Pollutant Emissions of a Light-Duty Diesel Vehicle Tested under the NEDC. <i>Journal of Energy Engineering - ASCE</i> , 2015 , 141,	1.7	28
26	Comparative study of pollutant emissions from engine starting with animal fat biodiesel and GTL fuels. <i>Fuel</i> , 2013 , 113, 560-570	7.1	27
25	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	10.3	26

24	Influence on Performance and Emissions of an Automotive Diesel Engine Fueled with Biodiesel and Paraffinic Fuels: GTL and Biojet Fuel Farnesane. <i>Energy & Fuels</i> , 2018 , 32, 5125-5133	4.1	25
23	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	4.1	23
22	A zero-dimensional model to simulate injection rate from first generation common rail diesel injectors under thermodynamic diagnosis. <i>Energy</i> , 2018 , 158, 845-858	7.9	22
21	Influence of ethanol/diesel fuel and propanol/diesel fuel blends over exhaust and noise emissions. <i>Energy Procedia</i> , 2017 , 142, 849-854	2.3	19
20	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	4.1	18
19	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	2.6	17
18	Alternative method for bulk modulus estimation of Diesel fuels. <i>Fuel</i> , 2016 , 167, 199-207	7.1	15
17	Vision based algorithm for automated determination of smoke point of diesel blends. <i>Fuel</i> , 2019 , 235, 595-602	7.1	13
16	A comparative study of performance and regulated emissions in a medium-duty diesel engine fueled with sugarcane diesel-farnesane and sugarcane biodiesel-LS9. <i>Energy</i> , 2019 , 176, 392-409	7.9	12
15	Impact of Gas To Liquid and diesel fuels on the engine cold start. <i>Fuel</i> , 2017 , 203, 298-307	7.1	10
14	Impact of injection strategy and GTL fuels on combustion process and performance under diesel engine start. <i>Fuel</i> , 2017 , 200, 529-544	7.1	9
13	Effect of an ethanol diesel blend on a common-rail injection system. <i>International Journal of Engine Research</i> , 2012 , 13, 417-428	2.7	8
12	Influence of Short Carbon-Chain Alcohol (Ethanol and 1-Propanol)/Diesel Fuel Blends over Diesel Engine Emissions. <i>Energies</i> , 2021 , 14, 1309	3.1	8
11	Thermoelectric Energy Recovery in a Light-Duty Diesel Vehicle under Real-World Driving Conditions at Different Altitudes with Diesel, Biodiesel and GTL Fuels. <i>Energies</i> , 2019 , 12, 1105	3.1	5
10	Estimation of thermal loads in a climatic chamber for vehicle testing. <i>Transportation Research, Part D: Transport and Environment</i> , 2018 , 65, 761-771	6.4	5
9	Comparative study of the effect of a new renewable paraffinic fuel on the combustion process of a light-duty diesel engine. <i>Energy</i> , 2019 , 189, 116337	7.9	3
8	Modelling of particle size distributions produced by a Diesel engine fueled with different fossil and renewable fuels under like urban and extra-urban operating conditions. <i>Fuel</i> , 2020 , 263, 116730	7.1	3
7	Impact of Alternative Paraffinic Fuels on the Durability of a Modern Common Rail Injection System. <i>Energies</i> , 2020 , 13, 4166	3.1	3

6	Development of the Level of Preventive Action Method by Observation of the Characteristic Value for the Assessment of Occupational Risks on Construction Sites. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	2
5	Simulation of Optimal Driving for Minimization of Fuel Consumption or NOx Emissions in a Diesel Vehicle. <i>Energies</i> , 2021 , 14, 5513	3.1	2
4	Morphological Analysis of Particulate Matter emitted by a Diesel Engine using Digital Image Analysis Algorithms and Scanning Mobility Particle Sizer 2001 ,		1
3	Study of the Thermochemical Properties of Lignocellulosic Biomass from Energy Crops. <i>Energies</i> , 2021 , 14, 3780	3.1	0
2	Impact of alternative and fossil diesel fuels on internal flow of injection nozzle. <i>International Journal of Engine Research</i> ,146808742199652	2.7	
1	Biojet fuels and emissions 2022 , 177-199		