Simone Serra

List of Publications by Year
in descending order

12 papers	450 citations	1478505 6 h-index	1588992 8 g-index
12 all docs	12 docs citations	12 times ranked	529 citing authors

#	Article	IF	Citations
1	Experimental study on performance and emissions of a high speed diesel engine fuelled with n-butanol diesel blends under premixed low temperature combustion. Fuel, 2012, 92, 295-307.	6.4	184
2	Gaseous Emissions from Light-Duty Vehicles: Moving from NEDC to the New WLTP Test Procedure. Environmental Science & Technology, 2015, 49, 8315-8322.	10.0	119
3	Impact of Different Driving Cycles and Operating Conditions on CO2 Emissions and Energy Management Strategies of a Euro-6 Hybrid Electric Vehicle. Energies, 2017, 10, 1590.	3.1	48
4	Development of the Worldwide Harmonized Test Procedure for Light-Duty Vehicles. Transportation Research Record, 2015, 2503, 110-118.	1.9	30
5	Correction of Test Cycle Tolerances: Evaluating the Impact on CO2 Results. Transportation Research Procedia, 2016, 14, 3099-3108.	1.5	19
6	Gasoline partially premixed combustion: high efficiency, low NOx and low soot by using an advanced combustion strategy and a compression ignition engine. International Journal of Vehicle Design, 2012, 59, 108.	0.3	17
7	Effects of Premixed Low Temperature Combustion of Fuel Blends with High Resistance to Auto-ignition on Performances and Emissions in a High Speed Diesel Engine. , 0, , .		12
8	An Experimental Analysis on Diesel/n-Butanol Blends Operating in Partial Premixed Combustion in a Light Duty Diesel Engine. , 0, , .		7
9	Full-battery effect during on-board solar charging of conventional vehicles. Transportation Research, Part D: Transport and Environment, 2021, 96, 102862.	6.8	6
10	Energy Management Analysis under Different Operating Modes for a Euro-6 Plug-in Hybrid Passenger Car. , 0, , .		5
11	Analysing the potential of a simulation-based method for the assessment of CO2 savings from eco-innovative technologies in light-duty vehicles. Energy, 2022, 245, 123238.	8.8	3
12	INJECTION SYSTEM ASSESSMENT TO OPTIMIZE PERFORMANCE AND EMISSIONS OF A NON-ROAD HEAVY DUTY DIESEL ENGINE: EXPERIMENTS AND CFD MODELLING. Journal of KONES, 2015, 19, 19-30.	0.2	0