

# Simone Serra

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9301693/publications.pdf>

Version: 2024-02-01

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