Jelica Pavlovic

List of Publications by Year
in descending order

28 papers	1,047 citations	567281 15 h-index	677142 22 g-index
28 all docs	28 docs citations	28 times ranked	849 citing authors

#	Article	IF	Citations
1	The application of the CO2MPAS model for vehicle CO2 emissions estimation over real traffic conditions. Transport Policy, 2022, 124, 152-159.	6.6	13
2	Solid particle number emissions of 56 light-duty Euro 5 and Euro 6 vehicles. Journal of Aerosol Science, 2022, 159, 105873.	3.8	17
3	Developing an optimal sampling design to monitor the vehicle fuel consumption gap. Science of the Total Environment, 2022, 832, 154943.	8.0	6
4	Quantifying the real-world CO2 emissions and energy consumption of modern plug-in hybrid vehicles. Journal of Cleaner Production, 2022, 362, 132191.	9.3	17
5	On-road emissions of Euro 6d-TEMP passenger cars on Alpine routes during the winter period. Environmental Science Atmospheres, 2021, 1, 125-139.	2.4	10
6	Tools for Customized Consumer Information on Vehicle Energy Consumption and Costs - A European Case Study. Transportation Research Procedia, 2020, 48, 1493-1504.	1.5	1
7	Exhaust emission factors of greenhouse gases (GHGs) from European road vehicles. Environmental Sciences Europe, 2020, 32, .	5.5	44
8	On-road emissions of passenger cars beyond the boundary conditions of the real-driving emissions test. Environmental Research, 2019, 176, 108572.	7.5	91
9	Laboratory and On-Road Evaluation of a GPF-Equipped Gasoline Vehicle. Catalysts, 2019, 9, 678.	3.5	21
10	Emission Factors Derived from 13 Euro 6b Light-Duty Vehicles Based on Laboratory and On-Road Measurements. Atmosphere, 2019, 10, 243.	2.3	59
11	Effect of Low Ambient Temperature on Emissions and Electric Range of Plug-In Hybrid Electric Vehicles. ACS Omega, 2019, 4, 3159-3168.	3.5	35
12	Dealing with the Gap between Type-Approval and In-Use Light Duty Vehicles Fuel Consumption and CO₂ Emissions: Present Situation and Future Perspective. Transportation Research Record, 2018, 2672, 23-32.	1.9	16
13	The development and validation of a vehicle simulator for the introduction of Worldwide Harmonized test protocol in the European light duty vehicle CO2 certification process. Applied Energy, 2018, 226, 784-796.	10.1	33
14	A simulation based approach for quantifying CO 2 emissions of light duty vehicle fleets. A case study on WLTP introduction. Transportation Research Procedia, 2017, 25, 3898-3908.	1.5	20
15	The difference between reported and real-world CO 2 emissions: How much improvement can be expected by WLTP introduction?. Transportation Research Procedia, 2017, 25, 3933-3943.	1.5	56
16	Correction of Test Cycle Tolerances: Evaluating the Impact on CO2 Results. Transportation Research Procedia, 2016, 14, 3099-3108.	1.5	19
17	CO2 emissions and energy demands of vehicles tested under the NEDC and the new WLTP type approval test procedures. Applied Energy, 2016, 177, 661-670.	10.1	144
18	Development of the Worldwide Harmonized Test Procedure for Light-Duty Vehicles. Transportation Research Record, 2015, 2503, 110-118.	1.9	30

#	Article	IF	Citations
19	Development of the World-wide harmonized Light duty Test Cycle (WLTC) and a possible pathway for its introduction in the European legislation. Transportation Research, Part D: Transport and Environment, 2015, 40, 61-75.	6.8	226
20	Emissions removal efficiency from diesel gensets using aftermarket PM controls. Clean Technologies and Environmental Policy, 2015, 17, 1861-1871.	4.1	5
21	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
22	Effects of Aftermarket Control Technologies on Gas and Particle Phase Oxidative Potential from Diesel Engine Emissions. Environmental Science & Technology, 2015, 49, 10544-10552.	10.0	9
23	Detection of radical species formed by the ozonolysis of Î±-pinene. Journal of Atmospheric Chemistry, 2010, 66, 137-155.	3.2	16
24	Development of a Template Model and Simulation Approach for Quantifying the Effect of WLTP Introduction on Light Duty Vehicle CO₂ Emissions and Fuel Consumption. , 0, , .		10
25	The Impact of WLTP on the Official Fuel Consumption and Electric Range of Plug-in Hybrid Electric Vehicles in Europe. , 0, , .		10
26	On-Road Emissions of Euro 6d-TEMP Vehicles: Consequences of the Entry into Force of the RDE Regulation in Europe. , 0, , .		17
27	An Analysis of Modern Vehicle Road Loads for Fleetwide Energy Consumption Modelling. , 0, , .		2
28	An Experimental Methodology for Measuring Resistance Forces of Light-Duty Vehicles under Real-World Conditions and the Impact on Fuel Consumption. , 0, , .		1