

# Jelica Pavlovic

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Development of the World-wide harmonized Light duty Test Cycle (WLTC) and a possible pathway for its introduction in the European legislation. <i>Transportation Research, Part D: Transport and Environment</i> , 2015, 40, 61-75.	6.8	226
2	CO2 emissions and energy demands of vehicles tested under the NEDC and the new WLTP type approval test procedures. <i>Applied Energy</i> , 2016, 177, 661-670.	10.1	144
3	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
4	On-road emissions of passenger cars beyond the boundary conditions of the real-driving emissions test. <i>Environmental Research</i> , 2019, 176, 108572.	7.5	91
5	Emission Factors Derived from 13 Euro 6b Light-Duty Vehicles Based on Laboratory and On-Road Measurements. <i>Atmosphere</i> , 2019, 10, 243.	2.3	59
6	The difference between reported and real-world CO <sub>2</sub> emissions: How much improvement can be expected by WLTP introduction?. <i>Transportation Research Procedia</i> , 2017, 25, 3933-3943.	1.5	56
7	Exhaust emission factors of greenhouse gases (GHGs) from European road vehicles. <i>Environmental Sciences Europe</i> , 2020, 32, .	5.5	44
8	Effect of Low Ambient Temperature on Emissions and Electric Range of Plug-In Hybrid Electric Vehicles. <i>ACS Omega</i> , 2019, 4, 3159-3168.	3.5	35
9	The development and validation of a vehicle simulator for the introduction of Worldwide Harmonized test protocol in the European light duty vehicle CO <sub>2</sub> certification process. <i>Applied Energy</i> , 2018, 226, 784-796.	10.1	33
10	Development of the Worldwide Harmonized Test Procedure for Light-Duty Vehicles. <i>Transportation Research Record</i> , 2015, 2503, 110-118.	1.9	30
11	Laboratory and On-Road Evaluation of a GPF-Equipped Gasoline Vehicle. <i>Catalysts</i> , 2019, 9, 678.	3.5	21
12	A simulation based approach for quantifying CO <sub>2</sub> emissions of light duty vehicle fleets. A case study on WLTP introduction. <i>Transportation Research Procedia</i> , 2017, 25, 3898-3908.	1.5	20
13	Correction of Test Cycle Tolerances: Evaluating the Impact on CO <sub>2</sub> Results. <i>Transportation Research Procedia</i> , 2016, 14, 3099-3108.	1.5	19
14	On-Road Emissions of Euro 6d-TEMP Vehicles: Consequences of the Entry into Force of the RDE Regulation in Europe. , 0, , .		17
15	Solid particle number emissions of 56 light-duty Euro 5 and Euro 6 vehicles. <i>Journal of Aerosol Science</i> , 2022, 159, 105873.	3.8	17
16	Quantifying the real-world CO <sub>2</sub> emissions and energy consumption of modern plug-in hybrid vehicles. <i>Journal of Cleaner Production</i> , 2022, 362, 132191.	9.3	17
17	Detection of radical species formed by the ozonolysis of $\alpha$ -pinene. <i>Journal of Atmospheric Chemistry</i> , 2010, 66, 137-155.	3.2	16
18	Dealing with the Gap between Type-Approval and In-Use Light Duty Vehicles Fuel Consumption and CO <sub>2</sub> Emissions: Present Situation and Future Perspective. <i>Transportation Research Record</i> , 2018, 2672, 23-32.	1.9	16

#	ARTICLE	IF	CITATIONS
19	The application of the CO2MPAS model for vehicle CO2 emissions estimation over real traffic conditions. <i>Transport Policy</i> , 2022, 124, 152-159.	6.6	13
20	Development of a Template Model and Simulation Approach for Quantifying the Effect of WLTP Introduction on Light Duty Vehicle CO <sub>2</sub> Emissions and Fuel Consumption. , 0, , .		10
21	The Impact of WLTP on the Official Fuel Consumption and Electric Range of Plug-in Hybrid Electric Vehicles in Europe. , 0, , .		10
22	On-road emissions of Euro 6d-TEMP passenger cars on Alpine routes during the winter period. <i>Environmental Science Atmospheres</i> , 2021, 1, 125-139.	2.4	10
23	Effects of Aftermarket Control Technologies on Gas and Particle Phase Oxidative Potential from Diesel Engine Emissions. <i>Environmental Science &amp; Technology</i> , 2015, 49, 10544-10552.	10.0	9
24	Developing an optimal sampling design to monitor the vehicle fuel consumption gap. <i>Science of the Total Environment</i> , 2022, 832, 154943.	8.0	6
25	Emissions removal efficiency from diesel gensets using aftermarket PM controls. <i>Clean Technologies and Environmental Policy</i> , 2015, 17, 1861-1871.	4.1	5
26	An Analysis of Modern Vehicle Road Loads for Fleetwide Energy Consumption Modelling. , 0, , .		2
27	Tools for Customized Consumer Information on Vehicle Energy Consumption and Costs - A European Case Study. <i>Transportation Research Procedia</i> , 2020, 48, 1493-1504.	1.5	1
28	An Experimental Methodology for Measuring Resistance Forces of Light-Duty Vehicles under Real-World Conditions and the Impact on Fuel Consumption. , 0, , .		1