

Anastasios D Melas

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	An Overview of Lean Exhaust deNO _x Aftertreatment Technologies and NO _x Emission Regulations in the European Union. <i>Catalysts</i> , 2021, 11, 404.	1.6	63
2	Overview of Vehicle Exhaust Particle Number Regulations. <i>Processes</i> , 2021, 9, 2216.	1.3	33
3	Non-Volatile Particle Number Emission Measurements with Catalytic Strippers: A Review. <i>Vehicles</i> , 2020, 2, 342-364.	1.7	29
4	Uncertainty of laboratory and portable solid particle number systems for regulatory measurements of vehicle emissions. <i>Environmental Research</i> , 2021, 197, 111068.	3.7	25
5	Effect of Extreme Temperatures and Driving Conditions on Gaseous Pollutants of a Euro 6d-Temp Gasoline Vehicle. <i>Atmosphere</i> , 2021, 12, 1011.	1.0	24
6	Measuring Emissions from a Demonstrator Heavy-Duty Diesel Vehicle under Real-World Conditions—Moving Forward to Euro VII. <i>Catalysts</i> , 2022, 12, 184.	1.6	24
7	Revisiting Total Particle Number Measurements for Vehicle Exhaust Regulations. <i>Atmosphere</i> , 2022, 13, 155.	1.0	22
8	Particle Number Emissions of a Euro 6d-Temp Gasoline Vehicle under Extreme Temperatures and Driving Conditions. <i>Catalysts</i> , 2021, 11, 607.	1.6	21
9	Development and evaluation of a catalytic stripper for the measurement of solid ultrafine particle emissions from internal combustion engines. <i>Aerosol Science and Technology</i> , 2020, 54, 704-717.	1.5	16
10	Evaluation of Solid Particle Number Sensors for Periodic Technical Inspection of Passenger Cars. <i>Sensors</i> , 2021, 21, 8325.	2.1	13
11	On-Road and Laboratory Emissions from Three Gasoline Plug-In Hybrid Vehicles—Part 1: Regulated and Unregulated Gaseous Pollutants and Greenhouse Gases. <i>Energies</i> , 2022, 15, 2401.	1.6	13
12	NH ₃ and N ₂ O Real World Emissions Measurement from a CNG Heavy Duty Vehicle Using On-Board Measurement Systems. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 10055.	1.3	11
13	NH ₃ and CO Emissions from Fifteen Euro 6d and Euro 6d-TEMP Gasoline-Fuelled Vehicles. <i>Catalysts</i> , 2022, 12, 245.	1.6	10
14	Measurement of Sub-23 nm particles emitted by gasoline direct injection engine with new advanced instrumentation. , 0, , .		8
15	Evaluation of Measurement Procedures for Solid Particle Number (SPN) Measurements during the Periodic Technical Inspection (PTI) of Vehicles. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 7602.	1.2	8
16	Challenging Conditions for Gasoline Particulate Filters (GPFs). <i>Catalysts</i> , 2022, 12, 70.	1.6	7
17	Detailed Characterization of Solid and Volatile Particle Emissions of Two Euro 6 Diesel Vehicles. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 3321.	1.3	7
18	A Sampling and Conditioning Particle System for Solid Particle Measurements Down to 10 nm. , 0, , .		5

#	ARTICLE	IF	CITATIONS
19	Emissions of a Euro 5 Motorcycle over the world harmonized motorcycle test cycle (WMTC). Silniki Spalinowe, 2021, , .	0.4	4
20	Morphology-dependent random binary fragmentation of in silico fractal-like agglomerates. Europhysics Letters, 2019, 127, 46002.	0.7	3
21	Solid Nucleation Mode Engine Exhaust Particles Detection at High Temperatures with an Advanced Half Mini DMA. , 0, , .		3
22	Emissions of Euro 6 Mono- and Bi-Fuel Gas Vehicles. Catalysts, 2022, 12, 651.	1.6	3
23	Assessment of retrofit devices for the Horizon 2020 Cleanest Engine and Vehicle Retrofit Prizes. Silniki Spalinowe, 0, , .	0.4	1