Anastasios D Melas

List of Publications by Year
in descending order

23	353	932766 10	887659 17
papers	citations	h-index	g-index

23	23	23	128
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Challenging Conditions for Gasoline Particulate Filters (GPFs). Catalysts, 2022, 12, 70.	1.6	7
2	Revisiting Total Particle Number Measurements for Vehicle Exhaust Regulations. Atmosphere, 2022, 13, 155.	1.0	22
3	Measuring Emissions from a Demonstrator Heavy-Duty Diesel Vehicle under Real-World Conditionsâ€"Moving Forward to Euro VII. Catalysts, 2022, 12, 184.	1.6	24
4	NH3 and CO Emissions from Fifteen Euro 6d and Euro 6d-TEMP Gasoline-Fuelled Vehicles. Catalysts, 2022, 12, 245.	1.6	10
5	On-Road and Laboratory Emissions from Three Gasoline Plug-In Hybrid Vehiclesâ€"Part 1: Regulated and Unregulated Gaseous Pollutants and Greenhouse Gases. Energies, 2022, 15, 2401.	1.6	13
6	Detailed Characterization of Solid and Volatile Particle Emissions of Two Euro 6 Diesel Vehicles. Applied Sciences (Switzerland), 2022, 12, 3321.	1.3	7
7	Emissions of Euro 6 Mono- and Bi-Fuel Gas Vehicles. Catalysts, 2022, 12, 651.	1.6	3
8	Evaluation of Measurement Procedures for Solid Particle Number (SPN) Measurements during the Periodic Technical Inspection (PTI) of Vehicles. International Journal of Environmental Research and Public Health, 2022, 19, 7602.	1.2	8
9	An Overview of Lean Exhaust deNOx Aftertreatment Technologies and NOx Emission Regulations in the European Union. Catalysts, 2021, 11, 404.	1.6	63
10	Particle Number Emissions of a Euro 6d-Temp Gasoline Vehicle under Extreme Temperatures and Driving Conditions. Catalysts, 2021, 11, 607.	1.6	21
11	Uncertainty of laboratory and portable solid particle number systems for regulatory measurements of vehicle emissions. Environmental Research, 2021, 197, 111068.	3.7	25
12	Emissions of a Euro 5 Motorcycle over the world harmonized motorcycle test cycle (WMTC). Silniki Spalinowe, 2021, , .	0.4	4
13	Effect of Extreme Temperatures and Driving Conditions on Gaseous Pollutants of a Euro 6d-Temp Gasoline Vehicle. Atmosphere, 2021, 12, 1011.	1.0	24
14	NH3 and N2O Real World Emissions Measurement from a CNG Heavy Duty Vehicle Using On-Board Measurement Systems. Applied Sciences (Switzerland), 2021, 11, 10055.	1.3	11
15	Overview of Vehicle Exhaust Particle Number Regulations. Processes, 2021, 9, 2216.	1.3	33
16	Evaluation of Solid Particle Number Sensors for Periodic Technical Inspection of Passenger Cars. Sensors, 2021, 21, 8325.	2.1	13
17	Non-Volatile Particle Number Emission Measurements with Catalytic Strippers: A Review. Vehicles, 2020, 2, 342-364.	1.7	29
18	Development and evaluation of a catalytic stripper for the measurement of solid ultrafine particle emissions from internal combustion engines. Aerosol Science and Technology, 2020, 54, 704-717.	1.5	16

#	Article	IF	Citations
19	Morphology-dependent random binary fragmentation of in silico fractal-like agglomerates. Europhysics Letters, 2019, 127, 46002.	0.7	3
20	Measurement of Sub-23 nm particles emitted by gasoline direct injection engine with new advanced instrumentation. , 0, , .		8
21	Solid Nucleation Mode Engine Exhaust Particles Detection at High Temperatures with an Advanced Half Mini DMA. , 0, , .		3
22	A Sampling and Conditioning Particle System for Solid Particle Measurements Down to 10 nm. , 0, , .		5
23	Assessment of retrofit devices for the Horizon 2020 Cleanest Engine and Vehicle Retrofit Prizes. Silniki Spalinowe, 0, , .	0.4	1