

Tero LÃ¤hde

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

1,133
citations

430874

18
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434195

31
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34
all docs

34
docs citations

34
times ranked

1046
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Detailed Characterization of Solid and Volatile Particle Emissions of Two Euro 6 Diesel Vehicles. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 3321.	2.5	7
3	Reproducibility of the 10-nm Solid Particle Number Methodology for Light-Duty Vehicles Exhaust Measurements. <i>Atmosphere</i> , 2022, 13, 872.	2.3	4
4	Emissions of Euro 6 Mono- and Bi-Fuel Gas Vehicles. <i>Catalysts</i> , 2022, 12, 651.	3.5	3
5	Effect of lubricating oil characteristics on solid particle number and CO ₂ emissions of a Euro 6 light-duty compressed natural gas fuelled vehicle. <i>Fuel</i> , 2022, 324, 124763.	6.4	7
6	Uncertainty of laboratory and portable solid particle number systems for regulatory measurements of vehicle emissions. <i>Environmental Research</i> , 2021, 197, 111068.	7.5	25
7	Particle Number Emissions of Gasoline, Compressed Natural Gas (CNG) and Liquefied Petroleum Gas (LPG) Fueled Vehicles at Different Ambient Temperatures. <i>Atmosphere</i> , 2021, 12, 893.	2.3	15
8	Comparisons of Laboratory and On-Road Type-Approval Cycles with Idling Emissions. Implications for Periodical Technical Inspection (PTI) Sensors. <i>Sensors</i> , 2020, 20, 5790.	3.8	14
9	Assessment of 10-nm Particle Number (PN) Portable Emissions Measurement Systems (PEMS) for Future Regulations. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 3878.	2.6	28
10	Non-Volatile Particle Number Emission Measurements with Catalytic Strippers: A Review. <i>Vehicles</i> , 2020, 2, 342-364.	3.1	29
11	Particulate Emissions of Euro 4 Motorcycles and Sampling Considerations. <i>Atmosphere</i> , 2019, 10, 421.	2.3	15
12	Laboratory and On-Road Evaluation of a GPF-Equipped Gasoline Vehicle. <i>Catalysts</i> , 2019, 9, 678.	3.5	21
13	Emissions of a Euro 6b Diesel Passenger Car Retrofitted with a Solid Ammonia Reduction System. <i>Atmosphere</i> , 2019, 10, 180.	2.3	18
14	Regulating particle number measurements from the tailpipe of light-duty vehicles: The next step?. <i>Environmental Research</i> , 2019, 172, 1-9.	7.5	68
15	Emission Factors of a Euro VI Heavy-duty Diesel Refuse Collection Vehicle. <i>Sustainability</i> , 2019, 11, 1067.	3.2	32
16	Identification and Quantification of Uncertainty Components in Gaseous and Particle Emission Measurements of a Moped. <i>Energies</i> , 2019, 12, 4343.	3.1	9
17	Brake Wear Particle Emissions of a Passenger Car Measured on a Chassis Dynamometer. <i>Atmosphere</i> , 2019, 10, 556.	2.3	48
18	Particle Number Measurements Directly from the Tailpipe for Type Approval of Heavy-Duty Engines. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 4418.	2.5	23

#	ARTICLE	IF	CITATIONS
19	Evaluation of NOx emissions of a retrofitted Euro 5 passenger car for the Horizon prize "Engine retrofit". Environmental Research, 2018, 166, 298-309.	7.5	41
20	Particle number measurements in the European legislation and future JRC activities. Silniki Spalinowe, 2018, 174, 3-16.	0.7	65
21	Lung deposited surface area size distributions of particulate matter in different urban areas. Atmospheric Environment, 2016, 136, 105-113.	4.1	67
22	Heavy-duty, off-road diesel engine low-load particle number emissions and particle control. Journal of the Air and Waste Management Association, 2014, 64, 1186-1194.	1.9	22
23	Exhaust particles of modern gasoline vehicles: A laboratory and an on-road study. Atmospheric Environment, 2014, 97, 262-270.	4.1	145
24	Mobile Particle and NOx Emission Characterization at Helsinki Downtown: Comparison of Different Traffic Flow Areas. Aerosol and Air Quality Research, 2014, 14, 1372-1382.	2.1	24
25	Effects of Gaseous Sulphuric Acid on Diesel Exhaust Nanoparticle Formation and Characteristics. Environmental Science & Technology, 2013, 47, 11882-11889.	10.0	74
26	The Effect of a Particle Oxidation Catalyst (POC [®]) on Particle Emissions of a GDI Car during Transient Engine Operation. , 2013, , .		4
27	Effect of Fuel Injection Pressure on a Heavy-Duty Diesel Engine Nonvolatile Particle Emission. Environmental Science & Technology, 2011, 45, 2504-2509.	10.0	46
28	The comparison of particle oxidation and surface structure of diesel soot particles between fossil fuel and novel renewable diesel fuel. Fuel, 2010, 89, 4008-4013.	6.4	35
29	Dependence between Nonvolatile Nucleation Mode Particle and Soot Number Concentrations in an EGR Equipped Heavy-Duty Diesel Engine Exhaust. Environmental Science & Technology, 2010, 44, 3175-3180.	10.0	57
30	Effect of Open Channel Filter on Particle Emissions of Modern Diesel Engine. Journal of the Air and Waste Management Association, 2009, 59, 1148-1154.	1.9	54
31	Heavy Duty Diesel Engine Exhaust Aerosol Particle and Ion Measurements. Environmental Science & Technology, 2009, 43, 163-168.	10.0	70
32	Wood Dust Particle and Mass Concentrations and Filtration Efficiency in Sanding of Wood Materials. Journal of Occupational and Environmental Hygiene, 2008, 6, 90-98.	1.0	21
33	Reduction of Heavy-Duty Diesel Exhaust Particle Number and Mass at Low Exhaust Temperature Driving by the DOC and the SCR. SAE International Journal of Fuels and Lubricants, 0, 5, 1114-1122.	0.2	15
34	Development of Measurement Methodology for Sub 23 nm Particle Number (PN) Measurements. SAE International Journal of Advances and Current Practices in Mobility, 0, 3, 551-560.	2.0	10