

# Topi RÄŋnkÄŋ

## List of Publications by Year in descending order

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120  
papers

4,283  
citations

94433

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3258  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Connection between lung deposited surface area (LDSA) and black carbon (BC) concentrations in road traffic and harbour environments. <i>Atmospheric Environment</i> , 2022, 272, 118931.              | 4.1 | 18        |
| 2  | Contribution of traffic-originated nanoparticle emissions to regional and local aerosol levels. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 1131-1148.                                       | 4.9 | 6         |
| 3  | Characterization of particle sources and comparison of different particle metrics in an urban detached housing area, Finland. <i>Atmospheric Environment</i> , 2022, 272, 118939.                     | 4.1 | 3         |
| 4  | Exhaust emissions from a prototype non-road natural gas engine. <i>Fuel</i> , 2022, 316, 123387.  | 6.4 | 2         |
| 5  | Experimental and numerical analysis of fine particle and soot formation in a modern 100 MW pulverized biomass heating plant. <i>Combustion and Flame</i> , 2022, 240, 111960.                         | 5.2 | 13        |
| 6  | Input-adaptive linear mixed-effects model for estimating alveolar lung-deposited surface area (LDSA) using multipollutant datasets. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 1861-1882.   | 4.9 | 3         |
| 7  | Secondary Organic and Inorganic Aerosol Formation from a GDI Vehicle under Different Driving Conditions. <i>Atmosphere</i> , 2022, 13, 433.   | 2.3 | 2         |
| 8  | Suitability of Different Methods for Measuring Black Carbon Emissions from Marine Engines. <i>Atmosphere</i> , 2022, 13, 31.  | 2.3 | 5         |
| 9  | TUBE Project: Transport-Derived Ultrafines and the Brain Effects. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 311.   | 2.6 | 1         |
| 10 | Opinion: Insights into updating Ambient Air Quality Directive 2008/50/EC. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 4801-4808.   | 4.9 | 8         |
| 11 | Black carbon toxicity dependence on particle coating: Measurements with a novel cell exposure method. <i>Science of the Total Environment</i> , 2022, 838, 156543.                                    | 8.0 | 16        |
| 12 | Spatiotemporal variation and trends in equivalent black carbon in the Helsinki metropolitan area in Finland. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 1173-1189.                          | 4.9 | 33        |
| 13 | Globally and locally applicable technologies to accelerate electrification. , 2021, , 25-55.  |     | 2         |
| 14 | Concentrations and Size Distributions of Particle Lung-deposited Surface Area (LDSA) in an Underground Mine. <i>Aerosol and Air Quality Research</i> , 2021, 21, 200660.                              | 2.1 | 11        |
| 15 | Effects of marine fuel sulfur restrictions on particle number concentrations and size distributions in ship plumes in the Baltic Sea. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 3215-3234. | 4.9 | 8         |
| 16 | In-depth characterization of submicron particulate matter inter-annual variations at a street canyon site in northern Europe. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 6297-6314.         | 4.9 | 25        |
| 17 | Overview of Sources and Characteristics of Nanoparticles in Urban Traffic-Influenced Areas. <i>Advances in Alzheimer's Disease</i> , 2021, , .  | 0.2 | 0         |
| 18 | Variation of Absorption Ångström Exponent in Aerosols From Different Emission Sources. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD034094.                              | 3.3 | 37        |

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|----|--|------|-----------|
| 19 | The characteristics and size of lung-depositing particles vary significantly between high and low pollution traffic environments. <i>Atmospheric Environment</i> , 2021, 255, 118421.  | 4.1  | 19        |
| 20 | Measurement report: The influence of traffic and new particle formation on the size distribution of 1-800 nm particles in Helsinki - a street canyon and an urban background station comparison. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 9931-9953. | 4.9  | 13        |
| 21 | Effects of driving conditions on secondary aerosol formation from a GDI vehicle using an oxidation flow reactor. <i>Environmental Pollution</i> , 2021, 282, 117069.   | 7.5  | 10        |
| 22 | Using an oxidation flow reactor to understand the effects of gasoline aromatics and ethanol levels on secondary aerosol formation. <i>Environmental Research</i> , 2021, 200, 111453.  | 7.5  | 4         |
| 23 | Household solid waste combustion with wood increases particulate trace metal and lung deposited surface area emissions. <i>Journal of Environmental Management</i> , 2021, 293, 112793.  | 7.8  | 12        |
| 24 | Shipping Remains a Globally Significant Source of Anthropogenic PN Emissions Even after 2020 Sulfur Regulation. <i>Environmental Science &amp; Technology</i> , 2021, 55, 129-138.   | 10.0 | 31        |
| 25 | Sources of black carbon at residential and traffic environments obtained by two source apportionment methods. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 14851-14869.  | 4.9  | 25        |
| 26 | Chemical and physical characterization of oil shale combustion emissions in Estonia. <i>Atmospheric Environment: X</i> , 2021, 12, 100139.   | 1.4  | 1         |
| 27 | Long-term sensor measurements of lung deposited surface area of particulate matter emitted from local vehicular and residential wood combustion sources. <i>Aerosol Science and Technology</i> , 2020, 54, 190-202.  | 3.1  | 35        |
| 28 | Nonvolatile ultrafine particles observed to form trimodal size distributions in non-road diesel engine exhaust. <i>Aerosol Science and Technology</i> , 2020, 54, 1345-1358.   | 3.1  | 13        |
| 29 | Comprehensive emission characterisation of exhaust from alternative fuelled cars. <i>Atmospheric Environment</i> , 2020, 236, 117643.  | 4.1  | 21        |
| 30 | Particulate emissions of a modern diesel passenger car under laboratory and real-world transient driving conditions. <i>Environmental Pollution</i> , 2020, 265, 114948.   | 7.5  | 39        |
| 31 | Toxicological evaluation of exhaust emissions from light-duty vehicles using different fuel alternatives in sub-freezing conditions. <i>Particle and Fibre Toxicology</i> , 2020, 17, 17.  | 6.2  | 14        |
| 32 | Traffic-originated nanocluster emission exceeds H <sub>2</sub> SO <sub>4</sub> -driven photochemical new particle formation in an urban area. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 1-13.   | 4.9  | 36        |
| 33 | Measurement of the human respiratory tract deposited surface area of particles with an electrical low pressure impactor. <i>Aerosol Science and Technology</i> , 2020, 54, 958-971.  | 3.1  | 17        |
| 34 | Physical Characteristics of Particle Emissions from a Medium Speed Ship Engine Fueled with Natural Gas and Low-Sulfur Liquid Fuels. <i>Environmental Science &amp; Technology</i> , 2020, 54, 5376-5384.   | 10.0 | 30        |
| 35 | Sensitivity of spatial aerosol particle distributions to the boundary conditions in the PALM model system 6.0. <i>Geoscientific Model Development</i> , 2020, 13, 5663-5685.   | 3.6  | 20        |
| 36 | CITYZER observation network and data delivery system. <i>Geoscientific Instrumentation, Methods and Data Systems</i> , 2020, 9, 397-406.   | 1.6  | 0         |

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|----|--|------|-----------|
| 37 | Strategies To Diminish the Emissions of Particles and Secondary Aerosol Formation from Diesel Engines. <i>Environmental Science &amp; Technology</i> , 2019, 53, 10408-10416.  | 10.0 | 26        |
| 38 | Potential of renewable fuel to reduce diesel exhaust particle emissions. <i>Applied Energy</i> , 2019, 254, 113636.  | 10.1 | 29        |
| 39 | Adaptation of Black Carbon Footprint Concept Would Accelerate Mitigation of Global Warming. <i>Environmental Science &amp; Technology</i> , 2019, 53, 12153-12155.   | 10.0 | 14        |
| 40 | Characterization of laboratory and real driving emissions of individual Euro 6 light-duty vehicles " Fresh particles and secondary aerosol formation. <i>Environmental Pollution</i> , 2019, 255, 113175.  | 7.5  | 38        |
| 41 | Overview of Sources and Characteristics of Nanoparticles in Urban Traffic-Influenced Areas. <i>Journal of Alzheimer's Disease</i> , 2019, 72, 15-28.   | 2.6  | 76        |
| 42 | Inversely modeling homogeneous H <sub>2</sub> SO <sub>4</sub> nucleation rate in exhaust-related conditions. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 6367-6388.   | 7.5  | 27        |
| 43 | Dispersion of a Traffic Related Nanocluster Aerosol Near a Major Road. <i>Atmosphere</i> , 2019, 10, 309.  | 2.3  | 14        |
| 44 | Particle emissions of Euro VI, EEV and retrofitted EEV city buses in real traffic. <i>Environmental Pollution</i> , 2019, 250, 708-716.  | 7.5  | 27        |
| 45 | Emission measurements with gravimetric impactors and electrical devices: An aerosol instrument comparison. <i>Aerosol Science and Technology</i> , 2019, 53, 526-539.  | 3.1  | 8         |
| 46 | Particulate Mass and Nonvolatile Particle Number Emissions from Marine Engines Using Low-Sulfur Fuels, Natural Gas, or Scrubbers. <i>Environmental Science &amp; Technology</i> , 2019, 53, 3315-3322.   | 10.0 | 69        |
| 47 | Distinguishing fuel and lubricating oil combustion products in diesel engine exhaust particles. <i>Aerosol Science and Technology</i> , 2019, 53, 594-607.   | 3.1  | 29        |
| 48 | Characteristics of particle emissions and their atmospheric dilution during co-combustion of coal and wood pellets in a large combined heat and power plant. <i>Journal of the Air and Waste Management Association</i> , 2019, 69, 97-108.  | 1.9  | 5         |
| 49 | Applicability of Optical and Diffusion Charging-Based Particulate Matter Sensors to Urban Air Quality Measurements. <i>Aerosol and Air Quality Research</i> , 2019, 19, 1024-1039.   | 2.1  | 22        |
| 50 | Comparative performance of a thermal denuder and a catalytic stripper in sampling laboratory and marine exhaust aerosols. <i>Aerosol Science and Technology</i> , 2018, 52, 420-432.   | 3.1  | 26        |
| 51 | Considerations in analysing elemental carbon from marine engine exhaust using residual, distillate and biofuels. <i>Journal of Aerosol Science</i> , 2018, 126, 191-204.   | 3.8  | 16        |
| 52 | Alzheimer's disease and alpha-synuclein pathology in the olfactory bulbs of infants, children, teens and adults <40 years in Metropolitan Mexico City. APOE4 carriers at higher risk of suicide accelerate their olfactory bulb pathology. <i>Environmental Research</i> , 2018, 166, 348-362. | 7.5  | 71        |
| 53 | Diurnal variation of nanocluster aerosol concentrations and emission factors in a street canyon. <i>Atmospheric Environment</i> , 2018, 189, 98-106.   | 4.1  | 43        |
| 54 | Performance evaluation of the HR-ELPI inversion. <i>Aerosol Science and Technology</i> , 2018, 52, 1037-1047.  | 7.1  | 17        |

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|----|--|------|-----------|
| 55 | The characterization of surgical smoke from various tissues and its implications for occupational safety. PLoS ONE, 2018, 13, e0195274.  | 2.5  | 64        |
| 56 | Vertical profiles of lung deposited surface area concentration of particulate matter measured with a drone in a street canyon. Environmental Pollution, 2018, 241, 96-105.                               | 7.5  | 46        |
| 57 | Characteristics and source apportionment of black carbon in the Helsinki metropolitan area, Finland. Atmospheric Environment, 2018, 190, 87-98.  | 4.1  | 118       |
| 58 | Natural Gas Engine Emission Reduction by Catalysts. Emission Control Science and Technology, 2017, 3, 142-152.   | 1.5  | 22        |
| 59 | Exhaust emissions of non-road mobile machine: Real-world and laboratory studies with diesel and HVO fuels. Fuel, 2017, 202, 154-164.   | 6.4  | 75        |
| 60 | Physical and chemical characterization of urban winter-time aerosols by mobile measurements in Helsinki, Finland. Atmospheric Environment, 2017, 158, 60-75.   | 4.1  | 38        |
| 61 | Investigating the chemical species in submicron particles emitted by city buses. Aerosol Science and Technology, 2017, 51, 317-329.  | 3.1  | 21        |
| 62 | Physical and chemical characteristics of flue-gas particles in a large pulverized fuel-fired power plant boiler during co-combustion of coal and wood pellets. Combustion and Flame, 2017, 176, 554-566. | 5.2  | 35        |
| 63 | Performance of ventilation filtration technologies on characteristic traffic related aerosol down to nanocluster size. Aerosol Science and Technology, 2017, 51, 1398-1408.                              | 3.1  | 16        |
| 64 | Traffic is a major source of atmospheric nanocluster aerosol. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 7549-7554.                                     | 7.1  | 171       |
| 65 | Influence of fuel ethanol content on primary emissions and secondary aerosol formation potential for a modern flex-fuel gasoline vehicle. Atmospheric Chemistry and Physics, 2017, 17, 5311-5329.        | 4.9  | 55        |
| 66 | Comparison of primary and secondary particle formation from natural gas engine exhaust and of their volatility characteristics. Atmospheric Chemistry and Physics, 2017, 17, 8739-8755.                  | 4.9  | 20        |
| 67 | A New Miniaturized Sensor for Ultra-Fast On-Board Soot Concentration Measurements. SAE International Journal of Engines, 2017, 10, 1859-1865.  | 0.4  | 6         |
| 68 | A new oxidation flow reactor for measuring secondary aerosol formation of rapidly changing emission sources. Atmospheric Measurement Techniques, 2017, 10, 1519-1537.                                    | 3.1  | 44        |
| 69 | Lung deposited surface area size distributions of particulate matter in different urban areas. Atmospheric Environment, 2016, 136, 105-113.  | 4.1  | 67        |
| 70 | Particle emissions characterization from a medium-speed marine diesel engine with two fuels at different sampling conditions. Fuel, 2016, 186, 456-465.  | 6.4  | 48        |
| 71 | Heavy Duty Diesel Exhaust Particles during Engine Motoring Formed by Lube Oil Consumption. Environmental Science & Technology, 2016, 50, 12504-12511.  | 10.0 | 25        |
| 72 | New particle formation in the fresh flue-gas plume from a coal-fired power plant: effect of flue-gas cleaning. Atmospheric Chemistry and Physics, 2016, 16, 7485-7496.                                   | 4.9  | 17        |

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|----|---|------|-----------|
| 73 | Chemical and physical characterization of traffic particles in four different highway environments in the Helsinki metropolitan area. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 5497-5512. | 4.9  | 43        |
| 74 | Time-resolved characterization of primary particle emissions and secondary particle formation from a modern gasoline passenger car. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 8559-8570.   | 4.9  | 76        |
| 75 | Exhaust particle and NO <sub>x</sub> emission performance of an SCR heavy duty truck operating in real-world conditions. <i>Atmospheric Environment</i> , 2016, 126, 136-144.                         | 4.1  | 27        |
| 76 | Physical and Chemical Characterization of Real-World Particle Number and Mass Emissions from City Buses in Finland. <i>Environmental Science &amp; Technology</i> , 2016, 50, 294-304.                | 10.0 | 41        |
| 77 | Improving Urban Air Quality Measurements by a Diffusion Charger Based Electrical Particle Sensors - A Field Study in Beijing, China. <i>Aerosol and Air Quality Research</i> , 2016, 16, 3001-3011.   | 2.1  | 7         |
| 78 | Model studies of volatile diesel exhaust particle formation: are organic vapours involved in nucleation and growth?. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 10435-10452.                | 4.9  | 32        |
| 79 | CFD modeling of a vehicle exhaust laboratory sampling system: sulfur-driven nucleation and growth in diluting diesel exhaust. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 5305-5323.         | 4.9  | 13        |
| 80 | Characterization of trace metals on soot aerosol particles with the SP-AMS: detection and quantification. <i>Atmospheric Measurement Techniques</i> , 2015, 8, 4803-4815.                             | 3.1  | 26        |
| 81 | Effects of Fresh Lubricant Oils on Particle Emissions Emitted by a Modern Gasoline Direct Injection Passenger Car. <i>Environmental Science &amp; Technology</i> , 2015, 49, 3644-3652.               | 10.0 | 70        |
| 82 | Monitoring urban air quality with a diffusion charger based electrical particle sensor. <i>Urban Climate</i> , 2015, 14, 441-456.   | 5.7  | 16        |
| 83 | The formation and physical properties of the particle emissions from a natural gas engine. <i>Fuel</i> , 2015, 162, 155-161.  | 6.4  | 98        |
| 84 | Physical properties of aerosol particles measured from a bubbling fluidized bed boiler. <i>Fuel</i> , 2015, 139, 144-153.   | 6.4  | 11        |
| 85 | Seasonal and Diurnal Variations of Fluorescent Bioaerosol Concentration and Size Distribution in the Urban Environment. <i>Aerosol and Air Quality Research</i> , 2015, 15, 572-581.                  | 2.1  | 33        |
| 86 | Mobile measurements of ship emissions in two harbour areas in Finland. <i>Atmospheric Measurement Techniques</i> , 2014, 7, 149-161.  | 3.1  | 78        |
| 87 | Exhaust particles of modern gasoline vehicles: A laboratory and an on-road study. <i>Atmospheric Environment</i> , 2014, 97, 262-270.   | 4.1  | 145       |
| 88 | Vehicle Engines Produce Exhaust Nanoparticles Even When Not Fueled. <i>Environmental Science &amp; Technology</i> , 2014, 48, 2043-2050.  | 10.0 | 77        |
| 89 | Optical and Chemical Characterization of Aerosols Emitted from Coal, Heavy and Light Fuel Oil, and Small-Scale Wood Combustion. <i>Environmental Science &amp; Technology</i> , 2014, 48, 827-836.    | 10.0 | 15        |
| 90 | Sulfur Driven Nucleation Mode Formation in Diesel Exhaust under Transient Driving Conditions. <i>Environmental Science &amp; Technology</i> , 2014, 48, 140206134439008.                              | 10.0 | 16        |

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|-----|--|------|-----------|
| 91  | Chemical composition and size of particles in emissions of a coal-fired power plant with flue gas desulfurization. <i>Journal of Aerosol Science</i> , 2014, 73, 14-26.  | 3.8  | 58        |
| 92  | High-resolution low-pressure cascade impactor. <i>Journal of Aerosol Science</i> , 2014, 78, 97-109.   | 3.8  | 24        |
| 93  | Mobile Particle and NOx Emission Characterization at Helsinki Downtown: Comparison of Different Traffic Flow Areas. <i>Aerosol and Air Quality Research</i> , 2014, 14, 1372-1382.                               | 2.1  | 24        |
| 94  | Effects of Gaseous Sulphuric Acid on Diesel Exhaust Nanoparticle Formation and Characteristics. <i>Environmental Science &amp; Technology</i> , 2013, 47, 11882-11889.   | 10.0 | 74        |
| 95  | Impact of Vehicle Development and Fuel Quality on Exhaust Nanoparticle Emissions of Traffic. <i>Environmental Science &amp; Technology</i> , 2013, 47, 130715120557004.  | 10.0 | 4         |
| 96  | Size Distribution, Chemical Composition, and Hygroscopicity of Fine Particles Emitted from an Oil-Fired Heating Plant. <i>Environmental Science &amp; Technology</i> , 2013, 47, 14468-14475.                    | 10.0 | 16        |
| 97  | The Effect of a Particle Oxidation Catalyst (POC <sup>®</sup> ) on Particle Emissions of a GDI Car during Transient Engine Operation. , 2013, , .  |      | 4         |
| 98  | Spatial and temporal characterization of traffic emissions in urban microenvironments with a mobile laboratory. <i>Atmospheric Environment</i> , 2012, 63, 156-167.  | 4.1  | 100       |
| 99  | First Online Measurements of Sulfuric Acid Gas in Modern Heavy-Duty Diesel Engine Exhaust: Implications for Nanoparticle Formation. <i>Environmental Science &amp; Technology</i> , 2012, 46, 11227-11234.       | 10.0 | 78        |
| 100 | Effect of Fuel Injection Pressure on a Heavy-Duty Diesel Engine Nonvolatile Particle Emission. <i>Environmental Science &amp; Technology</i> , 2011, 45, 2504-2509.  | 10.0 | 46        |
| 101 | Can Real-World Diesel Exhaust Particle Size Distribution be Reproduced in the Laboratory? A Critical Review Jorma Keskinen. <i>Journal of the Air and Waste Management Association</i> , 2010, 60, 1245-1255.    | 1.9  | 76        |
| 102 | Dependence between Nonvolatile Nucleation Mode Particle and Soot Number Concentrations in an EGR Equipped Heavy-Duty Diesel Engine Exhaust. <i>Environmental Science &amp; Technology</i> , 2010, 44, 3175-3180. | 10.0 | 57        |
| 103 | Can real-world diesel exhaust particle size distribution be reproduced in the laboratory? A critical review. <i>Journal of the Air and Waste Management Association</i> , 2010, 60, 1245-55.                     | 1.9  | 6         |
| 104 | Diesel Particle Emission Reduction by a Particle Oxidation Catalyst. , 2009, , .   |      | 14        |
| 105 | Nanoparticle Emissions from a Heavy-Duty Engine Running on Alternative Diesel Fuels. <i>Environmental Science &amp; Technology</i> , 2009, 43, 9501-9506.  | 10.0 | 51        |
| 106 | Effect of Open Channel Filter on Particle Emissions of Modern Diesel Engine. <i>Journal of the Air and Waste Management Association</i> , 2009, 59, 1148-1154.   | 1.9  | 54        |
| 107 | Heavy Duty Diesel Engine Exhaust Aerosol Particle and Ion Measurements. <i>Environmental Science &amp; Technology</i> , 2009, 43, 163-168.   | 10.0 | 70        |
| 108 | The Effect of Sulphur in Diesel Exhaust Aerosol: Models Compared with Measurements. <i>Aerosol Science and Technology</i> , 2008, 42, 916-929.   | 3.1  | 25        |

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|-----|--|------|-----------|
| 109 | Nucleation Mode Particles with a Nonvolatile Core in the Exhaust of a Heavy Duty Diesel Vehicle. <i>Environmental Science &amp; Technology</i> , 2007, 41, 6384-6389.                                  | 10.0 | 216       |
| 110 | Development of particle number size distribution near a major road in Helsinki during an episodic inversion situation. <i>Atmospheric Environment</i> , 2007, 41, 1759-1767.                           | 4.1  | 47        |
| 111 | Computation of maximum rate of water-sulphuric acid nucleation in diesel exhaust. <i>Journal of Aerosol Science</i> , 2006, 37, 1596-1604.   | 3.8  | 28        |
| 112 | Winter and summer time size distributions and densities of traffic-related aerosol particles at a busy highway in Helsinki. <i>Atmospheric Chemistry and Physics</i> , 2006, 6, 2411-2421.             | 4.9  | 81        |
| 113 | Dispersion of particles and trace gases nearby a city highway: Mobile laboratory measurements in Finland. <i>Atmospheric Environment</i> , 2006, 40, 867-879.  | 4.1  | 115       |
| 114 | Effect of dilution conditions and driving parameters on nucleation mode particles in diesel exhaust: Laboratory and on-road study. <i>Atmospheric Environment</i> , 2006, 40, 2893-2901.               | 4.1  | 177       |
| 115 | DYNAMOMETER VERSUS REAL-LIFE NANOPARTICLE EMISSIONS OF VEHICLES - PROJECT LIPIKA. <i>Journal of Aerosol Science</i> , 2004, 35, S1035-S1036.   | 3.8  | 1         |
| 116 | Effect of Exhaust Flow Conditions and External Cooling on the Performance of the Particle Oxidation Catalyst (POC). , 0, , .   |      | 7         |
| 117 | Reduction of Heavy-Duty Diesel Exhaust Particle Number and Mass at Low Exhaust Temperature Driving by the DOC and the SCR. <i>SAE International Journal of Fuels and Lubricants</i> , 0, 5, 1114-1122. | 0.2  | 15        |
| 118 | Performance of Particle Oxidation Catalyst and Particle Formation Studies with Sulphur Containing Fuels. <i>SAE International Journal of Fuels and Lubricants</i> , 0, 5, 611-619.                     | 0.2  | 10        |
| 119 | Effect of Injection Parameters on Exhaust Gaseous and Nucleation Mode Particle Emissions of a Tier 4i Nonroad Diesel Engine. , 0, , .  |      | 6         |
| 120 | Characterization of Physical and Chemical Properties of Particulate Emissions of a Modern Diesel-Powered Tractor under Real Driving Conditions. , 0, , .   |      | 1         |