Brake wear particle emissions: a review

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Citation Report

#	Article	IF	Citations
1	Influence of the Automotive Brake Wear Debris on the Environment - A Review of Recent Research. SAE International Journal of Materials and Manufacturing, 0, 9, 133-146.	0.3	22
2	A Study on Emission of Airborne Wear Particles from Car Brake Friction Pairs. SAE International Journal of Materials and Manufacturing, 0, 9, 147-157.	0.3	61
3	A comparison of measured and simulated friction, wear, and particle emission of disc brakes. Tribology International, 2015, 92, 503-511.	3.0	37
4	Environmental and traffic-related parameters affecting road dust composition: A multi-technique approach applied to Venice area (Italy). Atmospheric Environment, 2015, 122, 596-608.	1.9	57
5	A Factorial Design to Numerically Study the Effects of Brake Pad Properties on Friction and Wear Emissions. Advances in Tribology, 2016, 2016, 1-10.	2.1	14
6	Bio-Soluble Chemical Composition for Complementary Mineral Fibres: An Enhanced Tribologic Effect and Its Influence on Disc Wear. SAE International Journal of Materials and Manufacturing, 2016, 10, 1-18.	0.3	3
7	Copper-Free NAO Brake Pad Formulation with Improved Electrostatic Paintability Based on Conductive Carbon Powders. , 2016, , .		1
8	Toxicity of the Airborne Brake Wear Debris. SAE International Journal of Materials and Manufacturing, 0, 10, 19-25.	0.3	2
9	Heavy metals from non-exhaust vehicle emissions in urban and motorway road dusts. Environmental Monitoring and Assessment, 2016, 188, 369.	1.3	273
10	Automotive airborne brake wear debris nanoparticles and cytokinesis-block micronucleus assay in peripheral blood lymphocytes: A pilot study. Environmental Research, 2016, 148, 443-449.	3.7	26
11	Traffic tracers in a suburban location in northern Spain: relationship between carbonaceous fraction and metals. Environmental Science and Pollution Research, 2016, 23, 8669-8678.	2.7	23
12	Near-road enhancement and solubility of fine and coarse particulate matter trace elements near a major interstate in Detroit, Michigan. Atmospheric Environment, 2016, 145, 213-224.	1.9	27
13	Development of Land Use Regression models for particulate matter and associated components in a low air pollutant concentration airshed. Atmospheric Environment, 2016, 144, 69-78.	1.9	24
14	Real-world automotive particulate matter and PAH emission factors and profile concentrations: Results from an urban tunnel experiment in Naples, Italy. Atmospheric Environment, 2016, 141, 379-387.	1.9	35
15	New Insights from Zinc and Copper Isotopic Compositions into the Sources of Atmospheric Particulate Matter from Two Major European Cities. Environmental Science & Technology, 2016, 50, 9816-9824.	4.6	88
16	Comparison of metal pollution and health risks of urban dust in Beijing in 2007 and 2012. Environmental Monitoring and Assessment, 2016, 188, 657.	1.3	17
17	Chemical characteristics and causes of airborne particulate pollution in warm seasons in Wuhan, central China. Atmospheric Chemistry and Physics, 2016, 16, 10671-10687.	1.9	47
18	Intraurban Variation of Fine Particle Elemental Concentrations in New York City. Environmental Science & Technology, 2016, 50, 7517-7526.	4.6	32

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19	Artificial ultra-fine aerosol tracers for highway transect studies. Atmospheric Environment, 2016, 136, 31-42.	1.9	3
20	Towards a test stand for standardized measurements of the brake emissions. Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering, 2016, 230, 1521-1528.	1.1	37
21	Heterogeneous Reduction Pathways for Hg(II) Species on Dry Aerosols: A First-Principles Computational Study. Journal of Physical Chemistry A, 2016, 120, 2106-2113.	1.1	10
22	Characterization of leaf-level particulate matter for an industrial city using electron microscopy and X-ray microanalysis. Science of the Total Environment, 2016, 548-549, 91-99.	3.9	47
23	Traffic induced particle resuspension in Paris: Emission factors and source contributions. Atmospheric Environment, 2016, 129, 114-124.	1.9	96
24	Laboratory testing of airborne brake wear particle emissions using a dynamometer system under urban city driving cycles. Atmospheric Environment, 2016, 131, 269-278.	1.9	151
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29	Source apportionment of ambient fine and coarse particulate matter at the Fort McKay community site, in the Athabasca Oil Sands Region, Alberta, Canada. Science of the Total Environment, 2017, 584-585, 105-117.	3.9	91
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32	Urban background of air pollution: Evaluation through moss bag biomonitoring of trace elements in Botanical garden. Urban Forestry and Urban Greening, 2017, 25, 1-10.	2.3	26
33	Association Between Short-term Exposure to Ultrafine Particles and Mortality in Eight European Urban Areas. Epidemiology, 2017, 28, 172-180.	1.2	73
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