

Louise Gren

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

202
citations

1307594

7
h-index

1125743

13
g-index

18
all docs

18
docs citations

18
times ranked

207
citing authors

#	ARTICLE	IF	CITATIONS
1	Particle characterization and toxicity in C57BL/6 mice following instillation of five different diesel exhaust particles designed to differ in physicochemical properties. <i>Particle and Fibre Toxicology</i> , 2020, 17, 38.	6.2	37
2	Effects of renewable fuel and exhaust aftertreatment on primary and secondary emissions from a modern heavy-duty diesel engine. <i>Journal of Aerosol Science</i> , 2021, 156, 105781.	3.8	35
3	Relating aerosol mass spectra to composition and nanostructure of soot particles. <i>Carbon</i> , 2019, 142, 535-546.	10.3	32
4	Investigation of Particle Number Emission Characteristics in a Heavy-Duty Compression Ignition Engine Fueled with Hydrotreated Vegetable Oil (HVO). <i>SAE International Journal of Fuels and Lubricants</i> , 0, 11, 495-505.	0.2	21
5	Effect of Renewable Fuels and Intake O ₂ Concentration on Diesel Engine Emission Characteristics and Reactive Oxygen Species (ROS) Formation. <i>Atmosphere</i> , 2020, 11, 641.	2.3	17
6	Realization of Wurtzite GaSb Using InAs Nanowire Templates. <i>Advanced Functional Materials</i> , 2018, 28, 1800512.	14.9	13
7	Inhalation of hydrogenated vegetable oil combustion exhaust and genotoxicity responses in humans. <i>Archives of Toxicology</i> , 2021, 95, 3407-3416.	4.2	9
8	Characteristics of BrC and BC emissions from controlled diffusion flame and diesel engine combustion. <i>Aerosol Science and Technology</i> , 2021, 55, 769-784.	3.1	7
9	Biomarkers after Controlled Inhalation Exposure to Exhaust from Hydrogenated Vegetable Oil (HVO). <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 6492.	2.6	7
10	Lung function and self-rated symptoms in healthy volunteers after exposure to hydrotreated vegetable oil (HVO) exhaust with and without particles. <i>Particle and Fibre Toxicology</i> , 2022, 19, 9.	6.2	6
11	Underground emissions and miners' personal exposure to diesel and renewable diesel exhaust in a Swedish iron ore mine. <i>International Archives of Occupational and Environmental Health</i> , 2022, 95, 1369-1388.	2.3	6
12	Identification and characterization of design fires and particle emissions to be used in performance-based fire design of nuclear facilities. <i>Fire and Materials</i> , 2021, 45, 1008-1024.	2.0	5
13	Immersion Freezing Ability of Freshly Emitted Soot with Various Physico-Chemical Characteristics. <i>Atmosphere</i> , 2021, 12, 1173.	2.3	5
14	Particle emissions from a modern heavy-duty diesel engine as ice nuclei in immersion freezing mode: a laboratory study on fossil and renewable fuels. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 1615-1631.	4.9	1
15	Acute Cardiovascular Effects of Hydrotreated Vegetable Oil Exhaust. <i>Frontiers in Physiology</i> , 2022, 13, 828311.	2.8	0