

Liqiang He

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

755
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516710

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717
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#	ARTICLE	IF	CITATIONS
1	Tailpipe emissions from gasoline direct injection (GDI) and port fuel injection (PFI) vehicles at both low and high ambient temperatures. <i>Environmental Pollution</i> , 2016, 216, 223-234.	7.5	116
2	On-road emission measurements of reactive nitrogen compounds from heavy-duty diesel trucks in China. <i>Environmental Pollution</i> , 2020, 262, 114280.	7.5	88
3	Effects of aromatics, olefins and distillation temperatures (T50 & T90) on particle mass and number emissions from gasoline direct injection (GDI) vehicles. <i>Energy Policy</i> , 2017, 101, 185-193.	8.8	58
4	The impact from the direct injection and multi-port fuel injection technologies for gasoline vehicles on solid particle number and black carbon emissions. <i>Applied Energy</i> , 2018, 226, 819-826.	10.1	52
5	Characterizing particulate polycyclic aromatic hydrocarbon emissions from diesel vehicles using a portable emissions measurement system. <i>Scientific Reports</i> , 2017, 7, 10058.	3.3	46
6	Assessment of ethanol blended fuels for gasoline vehicles in China: Fuel economy, regulated gaseous pollutants and particulate matter. <i>Environmental Pollution</i> , 2019, 253, 731-740.	7.5	36
7	Evaluating real-world emissions of light-duty gasoline vehicles with deactivated three-way catalyst converters. <i>Atmospheric Pollution Research</i> , 2018, 9, 126-132.	3.8	33
8	On-board monitoring (OBM) for heavy-duty vehicle emissions in China: Regulations, early-stage evaluation and policy recommendations. <i>Science of the Total Environment</i> , 2020, 731, 139045.	8.0	33
9	Investigating Real-World Emissions of China's Heavy-Duty Diesel Trucks: Can SCR Effectively Mitigate NOx Emissions for Highway Trucks?. <i>Aerosol and Air Quality Research</i> , 2017, 17, 2585-2594.	2.1	32
10	Real-world gaseous emissions of high-mileage taxi fleets in China. <i>Science of the Total Environment</i> , 2019, 659, 267-274.	8.0	30
11	Advances in emission control of diesel vehicles in China. <i>Journal of Environmental Sciences</i> , 2023, 123, 15-29.	6.1	30
12	Evaluating mobile monitoring of on-road emission factors by comparing concurrent PEMS measurements. <i>Science of the Total Environment</i> , 2020, 736, 139507.	8.0	28
13	Characterizing start emissions of gasoline vehicles and the seasonal, diurnal and spatial variabilities in China. <i>Atmospheric Environment</i> , 2021, 245, 118040.	4.1	26
14	Investigation of tailpipe and evaporative emissions from China IV and Tier 2 passenger vehicles with different gasolines. <i>Transportation Research, Part D: Transport and Environment</i> , 2017, 50, 305-315.	6.8	25
15	Measurement of particulate polycyclic aromatic hydrocarbon emissions from gasoline light-duty passenger vehicles. <i>Journal of Cleaner Production</i> , 2018, 185, 797-804.	9.3	22
16	Evaluating on-board sensing-based nitrogen oxides (NOx) emissions from a heavy-duty diesel truck in China. <i>Atmospheric Environment</i> , 2019, 216, 116908.	4.1	21
17	Variability of fuel consumption and CO2 emissions of a gasoline passenger car under multiple in-laboratory and on-road testing conditions. <i>Journal of Environmental Sciences</i> , 2023, 125, 266-276.	6.1	16
18	Effects of ambient temperature on regulated gaseous and particulate emissions from gasoline-, E10- and M15-fueled vehicles. <i>Frontiers of Environmental Science and Engineering</i> , 2021, 15, 1.	6.0	14

#	ARTICLE	IF	CITATIONS
19	Comprehensive chemical characterization of gaseous I/SVOC emissions from heavy-duty diesel vehicles using two-dimensional gas chromatography time-of-flight mass spectrometry. Environmental Pollution, 2022, 305, 119284.	7.5	13
20	Effects of a start-stop system for gasoline direct injection vehicles on fuel consumption and particulate emissions in hot and cold environments. Environmental Pollution, 2022, 308, 119689.	7.5	13
21	Real-Time Black Carbon Emissions from Light-Duty Passenger Vehicles Using a Portable Emissions Measurement System. Engineering, 2022, 16, 73-81.	6.7	12
22	Comprehensive characterization of polycyclic aromatic hydrocarbon emissions from heavy-duty diesel vehicles utilizing GC-MS/GC-ToF-MS. Science of the Total Environment, 2022, 833, 155127.	8.0	9
23	Impact of alcohol gasoline on fuel consumption and tailpipe emissions of a China IV passenger car. , 2016, , .		2