

David C Quiros

List of Publications by Year in descending order

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11
papers

398
citations

1040056

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1281871

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541
citing authors

#	ARTICLE	IF	CITATIONS
1	In-use Emission Measurements from Two High-Speed Passenger Ferries Operating in California with Tier 2 and Tier 3 Marine Diesel Engines. <i>Emission Control Science and Technology</i> , 2022, 8, 109-121.	1.5	1
2	Real-world emissions from modern heavy-duty vehicles: Sensitivity analysis of in-use emissions analysis methods. <i>Atmospheric Environment</i> , 2021, 252, 118294.	4.1	7
3	Deriving fuel-based emission factor thresholds to interpret heavy-duty vehicle roadside plume measurements. <i>Journal of the Air and Waste Management Association</i> , 2018, 68, 969-987.	1.9	11
4	Total Particle Number Emissions from Modern Diesel, Natural Gas, and Hybrid Heavy-Duty Vehicles During On-Road Operation. <i>Environmental Science & Technology</i> , 2017, 51, 6990-6998.	10.0	25
5	Real-World Emissions from Modern Heavy-Duty Diesel, Natural Gas, and Hybrid Diesel Trucks Operating Along Major California Freight Corridors. <i>Emission Control Science and Technology</i> , 2016, 2, 156-172.	1.5	68
6	Particle effective density and mass during steady-state operation of GDI, PFI, and diesel passenger cars. <i>Journal of Aerosol Science</i> , 2015, 83, 39-54.	3.8	65
7	Measuring Particulate Emissions of Light Duty Passenger Vehicles Using Integrated Particle Size Distribution (IPSD). <i>Environmental Science & Technology</i> , 2015, 49, 5618-5627.	10.0	25
8	Characteristics of particle number and mass emissions during heavy-duty diesel truck parked active DPF regeneration in an ambient air dilution tunnel. <i>Atmospheric Environment</i> , 2015, 122, 58-64.	4.1	51
9	Changes of street use and on-road air quality before and after complete street retrofit: An exploratory case study in Santa Monica, California. <i>Transportation Research, Part D: Transport and Environment</i> , 2014, 32, 387-396.	6.8	26
10	Measuring particulate matter emissions during parked active diesel particulate filter regeneration of heavy-duty diesel trucks. <i>Journal of Aerosol Science</i> , 2014, 73, 48-62.	3.8	50
11	Ultrafine particle exposures while walking, cycling, and driving along an urban residential roadway. <i>Atmospheric Environment</i> , 2013, 73, 185-194.	4.1	69