

Xiaoyi He

List of Publications by Year in descending order

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17
papers

739
citations

858243

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993246

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docs citations

17
times ranked

965
citing authors

#	ARTICLE	IF	CITATIONS
1	Emission mitigation potential from coordinated charging schemes for future private electric vehicles. <i>Applied Energy</i> , 2022, 308, 118385.	5.1	13
2	Understanding Ridesourcing Mobility and the Future of Electrification: A Comparative Study in Beijing. <i>Journal of Urban Technology</i> , 2021, 28, 217-236.	2.5	2
3	Asia Pacific road transportation emissions, 1900â€“2050. <i>Faraday Discussions</i> , 2021, 226, 53-73.	1.6	5
4	Life-Cycle Greenhouse Gas Emission Benefits of Natural Gas Vehicles. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 7813-7823.	3.2	11
5	Life Cycle Greenhouse Gas Emissions for Last-Mile Parcel Delivery by Automated Vehicles and Robots. <i>Environmental Science & Technology</i> , 2021, 55, 11360-11367.	4.6	19
6	Cradle-to-gate greenhouse gas (GHG) burdens for aluminum and steel production and cradle-to-grave GHG benefits of vehicle lightweighting in China. <i>Resources, Conservation and Recycling</i> , 2020, 152, 104497.	5.3	30
7	Well-to-wheels greenhouse gas and air pollutant emissions from battery electric vehicles in China. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2020, 25, 355-370.	1.0	29
8	Life cycle greenhouse gas impacts of a connected and automated SUV and van. <i>Transportation Research, Part D: Transport and Environment</i> , 2020, 83, 102375.	3.2	15
9	Economic and Climate Benefits of Electric Vehicles in China, the United States, and Germany. <i>Environmental Science & Technology</i> , 2019, 53, 11013-11022.	4.6	38
10	Life cycle analysis of HCNG light-duty vehicle demonstration project. <i>Revista Materia</i> , 2019, 24, .	0.1	1
11	Acceptability, energy consumption, and costs of electric vehicle for ride-hailing drivers in Beijing. <i>Applied Energy</i> , 2019, 250, 147-160.	5.1	59
12	Real-world driving cycles and energy consumption informed by large-sized vehicle trajectory data. <i>Journal of Cleaner Production</i> , 2019, 223, 564-574.	4.6	54
13	Air quality and health benefits from fleet electrification in China. <i>Nature Sustainability</i> , 2019, 2, 962-971.	11.5	174
14	Energy consumption and well-to-wheels air pollutant emissions of battery electric buses under complex operating conditions and implications on fleet electrification. <i>Journal of Cleaner Production</i> , 2018, 171, 714-722.	4.6	48
15	Energy-saving benefits from plug-in hybrid electric vehicles: perspectives based on real-world measurements. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2018, 23, 735-756.	1.0	15
16	Well-to-wheels energy consumption and emissions of electric vehicles: Mid-term implications from real-world features and air pollution control progress. <i>Applied Energy</i> , 2017, 188, 367-377.	5.1	164
17	Individual trip chain distributions for passenger cars: Implications for market acceptance of battery electric vehicles and energy consumption by plug-in hybrid electric vehicles. <i>Applied Energy</i> , 2016, 180, 650-660.	5.1	62