

Hong Huo

List of Publications by Year in descending order

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37
papers

6,029
citations

126907

33
h-index

345221

36
g-index

38
all docs

38
docs citations

38
times ranked

6087
citing authors

#	ARTICLE	IF	CITATIONS
1	MIX: a mosaic Asian anthropogenic emission inventory under the international collaboration framework of the MICS-Asia and HTAP. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 935-963.	4.9	1,069
2	Transboundary health impacts of transported global air pollution and international trade. <i>Nature</i> , 2017, 543, 705-709.	27.8	737
3	Cleaning China's air. <i>Nature</i> , 2012, 484, 161-162.	27.8	561
4	Oil consumption and CO ₂ emissions in China's road transport: current status, future trends, and policy implications. <i>Energy Policy</i> , 2005, 33, 1499-1507.	8.8	330
5	Urban Air Pollution in China: Current Status, Characteristics, and Progress. <i>Annual Review of Environment and Resources</i> , 2002, 27, 397-431.	1.2	307
6	Estimating long-term PM _{2.5} concentrations in China using satellite-based aerosol optical depth and a chemical transport model. <i>Remote Sensing of Environment</i> , 2015, 166, 262-270.	11.0	214
7	Modeling future vehicle sales and stock in China. <i>Energy Policy</i> , 2012, 43, 17-29.	8.8	187
8	Characterization of vehicle driving patterns and development of driving cycles in Chinese cities. <i>Transportation Research, Part D: Transport and Environment</i> , 2008, 13, 289-297.	6.8	174
9	Vehicle-use intensity in China: Current status and future trend. <i>Energy Policy</i> , 2012, 43, 6-16.	8.8	173
10	Environmental Implication of Electric Vehicles in China. <i>Environmental Science & Technology</i> , 2010, 44, 4856-4861.	10.0	171
11	Life-cycle assessment of greenhouse gas and air emissions of electric vehicles: A comparison between China and the U.S.. <i>Atmospheric Environment</i> , 2015, 108, 107-116.	4.1	140
12	Assessment of electrical vehicles as a successful driver for reducing CO ₂ emissions in China. <i>Applied Energy</i> , 2016, 184, 995-1003.	10.1	139
13	Examining Air Pollution in China Using Production- And Consumption-Based Emissions Accounting Approaches. <i>Environmental Science & Technology</i> , 2014, 48, 14139-14147.	10.0	114
14	Inequality of household consumption and air pollution-related deaths in China. <i>Nature Communications</i> , 2019, 10, 4337.	12.8	114
15	On-board measurements of emissions from diesel trucks in five cities in China. <i>Atmospheric Environment</i> , 2012, 54, 159-167.	4.1	113
16	Projection of Chinese Motor Vehicle Growth, Oil Demand, and CO ₂ Emissions Through 2050. <i>Transportation Research Record</i> , 2007, 2038, 69-77.	1.9	109
17	Projection of energy use and greenhouse gas emissions by motor vehicles in China: Policy options and impacts. <i>Energy Policy</i> , 2012, 43, 37-48.	8.8	105
18	On-board measurements of emissions from light-duty gasoline vehicles in three mega-cities of China. <i>Atmospheric Environment</i> , 2012, 49, 371-377.	4.1	94

#	ARTICLE	IF	CITATIONS
19	Cost and CO ₂ reductions of solar photovoltaic power generation in China: Perspectives for 2020. <i>Renewable and Sustainable Energy Reviews</i> , 2014, 39, 370-380.	16.4	93
20	How will greenhouse gas emissions from motor vehicles be constrained in China around 2030?. <i>Applied Energy</i> , 2015, 156, 230-240.	10.1	93
21	Fuel consumption rates of passenger cars in China: Labels versus real-world. <i>Energy Policy</i> , 2011, 39, 7130-7135.	8.8	92
22	Modeling vehicle emissions in different types of Chinese cities: Importance of vehicle fleet and local features. <i>Environmental Pollution</i> , 2011, 159, 2954-2960.	7.5	88
23	Revealing the Hidden Health Costs Embodied in Chinese Exports. <i>Environmental Science & Technology</i> , 2015, 49, 4381-4388.	10.0	88
24	Vehicle technologies, fuel-economy policies, and fuel-consumption rates of Chinese vehicles. <i>Energy Policy</i> , 2012, 43, 30-36.	8.8	83
25	Integrating mitigation of air pollutants and greenhouse gases in Chinese cities: development of GAINS-City model for Beijing. <i>Journal of Cleaner Production</i> , 2013, 58, 25-33.	9.3	79
26	Total versus urban: Well-to-wheels assessment of criteria pollutant emissions from various vehicle/fuel systems. <i>Atmospheric Environment</i> , 2009, 43, 1796-1804.	4.1	78
27	Gaseous and particulate emissions from rural vehicles in China. <i>Atmospheric Environment</i> , 2011, 45, 3055-3061.	4.1	73
28	High-Resolution Vehicular Emission Inventory Using a Link-Based Method: A Case Study of Light-Duty Vehicles in Beijing. <i>Environmental Science & Technology</i> , 2009, 43, 2394-2399.	10.0	72
29	Effects of atmospheric transport and trade on air pollution mortality in China. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 10367-10381.	4.9	64
30	China's coke industry: Recent policies, technology shift, and implication for energy and the environment. <i>Energy Policy</i> , 2012, 51, 397-404.	8.8	54
31	PM _{2.5} emissions from light-duty gasoline vehicles in Beijing, China. <i>Science of the Total Environment</i> , 2014, 487, 521-527.	8.0	52
32	Development of database of real-world diesel vehicle emission factors for China. <i>Journal of Environmental Sciences</i> , 2015, 31, 209-220.	6.1	48
33	Vehicular air pollutant emissions in China: evaluation of past control policies and future perspectives. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2015, 20, 719-733.	2.1	36
34	Climate and Environmental Effects of Electric Vehicles versus Compressed Natural Gas Vehicles in China: A Life-Cycle Analysis at Provincial Level. <i>Environmental Science & Technology</i> , 2013, 47, 130111145114004.	10.0	33
35	Energy efficiency achievements in China's industrial and transport sectors: How do they rate?. <i>Energy Policy</i> , 2014, 73, 38-46.	8.8	32
36	Temporal and spatial variations in on-road energy use and CO ₂ emissions in China, 1978-2008. <i>Energy Policy</i> , 2013, 61, 544-550.	8.8	18

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37	Energy Efficiency and Energy Conservation Strategies for Vehicles and Transport Systems in China. SpringerBriefs in Environment, Security, Development and Peace, 2016, , 85-99.	0.1	0