

# Wei Shen

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/3212052/wei-shen-publications-by-citations.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

20  
papers

537  
citations

11  
h-index

23  
g-index

23  
ext. papers

684  
ext. citations

8.1  
avg, IF

3.7  
L-index

#	Paper	IF	Citations
20	Source contributions of urban PM <sub>2.5</sub> in the Beijing-Tianjin-Hebei region: Changes between 2006 and 2013 and relative impacts of emissions and meteorology. <i>Atmospheric Environment</i> , <b>2015</b> , 123, 229-239	5.3	120
19	Well-to-wheels life-cycle analysis of alternative fuels and vehicle technologies in China. <i>Energy Policy</i> , <b>2012</b> , 49, 296-307	7.2	75
18	Coal-based synthetic natural gas (SNG): A solution to China's energy security and CO <sub>2</sub> reduction?. <i>Energy Policy</i> , <b>2013</b> , 55, 445-453	7.2	65
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> , <b>2016</b> , 180, 650-660	10.7	49
16	Current and future greenhouse gas emissions associated with electricity generation in China: implications for electric vehicles. <i>Environmental Science &amp; Technology</i> , <b>2014</b> , 48, 7069-75	10.3	44
15	Attribution of PM <sub>2.5</sub> exposure in Beijing-Tianjin-Hebei region to emissions: implication to control strategies. <i>Science Bulletin</i> , <b>2017</b> , 62, 957-964	10.6	37
14	China Electricity Generation Greenhouse Gas Emission Intensity in 2030: Implications for Electric Vehicles. <i>Environmental Science &amp; Technology</i> , <b>2019</b> , 53, 6063-6072	10.3	34
13	Car ownership policies in China: Preferences of residents and influence on the choice of electric cars. <i>Transport Policy</i> , <b>2017</b> , 58, 62-71	5.7	28
12	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> , <b>2020</b> , 152, 104497	11.9	16
11	Well-to-wheels emissions, costs, and feedstock potentials for light-duty hydrogen fuel cell vehicles in China in 2017 and 2030. <i>Renewable and Sustainable Energy Reviews</i> , <b>2021</b> , 137, 110477	16.2	16
10	Latent class analysis of accident risks in usage-based insurance: Evidence from Beijing. <i>Accident Analysis and Prevention</i> , <b>2018</b> , 115, 79-88	6.1	15
9	Modeling heterogeneous vehicle ownership in China: A case study based on the Chinese national survey. <i>Transport Policy</i> , <b>2017</b> , 54, 11-20	5.7	9
8	Car dieselization: A solution to China's energy security?. <i>Energy Policy</i> , <b>2013</b> , 62, 540-549	7.2	6
7	A data-driven method of traffic emissions mapping with land use random forest models. <i>Applied Energy</i> , <b>2022</b> , 305, 117916	10.7	6
6	The Value of Prepositioning in Smartphone-Based Vanpool Services under Stochastic Requests and Time-Dependent Travel Times. <i>Transportation Research Record</i> , <b>2019</b> , 2673, 26-37	1.7	5
5	Life cycle water use of gasoline and electric light-duty vehicles in China. <i>Resources, Conservation and Recycling</i> , <b>2020</b> , 154, 104628	11.9	5
4	Life-Cycle Greenhouse Gas Emission Benefits of Natural Gas Vehicles. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2021</b> , 9, 7813-7823	8.3	3

3	Mobile Measurements of Carbonaceous Aerosol in Microenvironments to Discern Contributions from Traffic and Solid Fuel Burning. <i>Environmental Science and Technology Letters</i> ,	11	3
2	Asia Pacific road transportation emissions, 1900-2050. <i>Faraday Discussions</i> , <b>2021</b> , 226, 53-73	3.6	0
1	Well-to-Wheel Analyses for Energy Consumption and Greenhouse Gas Emissions of Electric Vehicles Using Various Thermal Power Generation Technologies in China. <i>Lecture Notes in Electrical Engineering</i> , <b>2013</b> , 101-115	0.2	