

# Fan Tong

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9412881/publications.pdf>

Version: 2024-02-01

15  
papers

474  
citations

840119

11  
h-index

1058022

14  
g-index

15  
all docs

15  
docs citations

15  
times ranked

671  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Comparison of Life Cycle Greenhouse Gases from Natural Gas Pathways for Medium and Heavy-Duty Vehicles. <i>Environmental Science &amp; Technology</i> , 2015, 49, 7123-7133.                          | 4.6 | 77        |
| 2  | Challenges of using natural gas as a carbon mitigation option in China. <i>Energy Policy</i> , 2018, 117, 457-462.  | 4.2 | 67        |
| 3  | Comparison of Life Cycle Greenhouse Gases from Natural Gas Pathways for Light-Duty Vehicles. <i>Energy &amp; Fuels</i> , 2015, 29, 6008-6018.   | 2.5 | 58        |
| 4  | Life cycle ownership cost and environmental externality of alternative fuel options for transit buses. <i>Transportation Research, Part D: Transport and Environment</i> , 2017, 57, 287-302.         | 3.2 | 53        |
| 5  | Can Switching from Coal to Shale Gas Bring Net Carbon Reductions to China?. <i>Environmental Science &amp; Technology</i> , 2017, 51, 2554-2562.  | 4.6 | 50        |
| 6  | Effects of Deep Reductions in Energy Storage Costs on Highly Reliable Wind and Solar Electricity Systems. <i>IScience</i> , 2020, 23, 101484.   | 1.9 | 36        |
| 7  | Water scarcity risks mitigated or aggravated by the inter-regional electricity transmission across China. <i>Applied Energy</i> , 2019, 238, 413-422.   | 5.1 | 34        |
| 8  | What are the best combinations of fuel-vehicle technologies to mitigate climate change and air pollution effects across the United States?. <i>Environmental Research Letters</i> , 2020, 15, 074046. | 2.2 | 25        |
| 9  | Battery Degradation Minimization-Oriented Hybrid Energy Storage System for Electric Vehicles. <i>Energies</i> , 2020, 13, 246.  | 1.6 | 21        |
| 10 | Health and Climate Impacts from Long-Haul Truck Electrification. <i>Environmental Science &amp; Technology</i> , 2021, 55, 8514-8523.   | 4.6 | 13        |
| 11 | Would firm generators facilitate or deter variable renewable energy in a carbon-free electricity system?. <i>Applied Energy</i> , 2020, 279, 115789.  | 5.1 | 12        |
| 12 | Energy consumption and charging load profiles from long-haul truck electrification in the United States. <i>Environmental Research: Infrastructure and Sustainability</i> , 2021, 1, 025007.          | 0.9 | 10        |
| 13 | Comments on Jacobson et al.'s proposal for a wind, water, and solar energy future for New York State. <i>Energy Policy</i> , 2013, 60, 68-69.   | 4.2 | 9         |
| 14 | Economic Viability of a Natural Gas Refueling Infrastructure for Long-Haul Trucks. <i>Journal of Infrastructure Systems</i> , 2019, 25, .   | 1.0 | 9         |
| 15 | Editorial: Upscaling Low-Carbon Energy Resources: Exploring the Material Supply Risk, Environmental Impacts and Response Policies. <i>Frontiers in Energy Research</i> , 2021, 9, .                   | 1.2 | 0         |