

# 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  
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15  
docs citations

15  
times ranked

671  
citing authors

#	ARTICLE	IF	CITATIONS
1	Health and Climate Impacts from Long-Haul Truck Electrification. <i>Environmental Science &amp; Technology</i> , 2021, 55, 8514-8523.	4.6	13
2	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
3	Editorial: Upscaling Low-Carbon Energy Resources: Exploring the Material Supply Risk, <i>Environmental Impacts and Response Policies</i> . <i>Frontiers in Energy Research</i> , 2021, 9, .	1.2	0
4	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
5	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
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	Battery Degradation Minimization-Oriented Hybrid Energy Storage System for Electric Vehicles. <i>Energies</i> , 2020, 13, 246.	1.6	21
8	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
9	Economic Viability of a Natural Gas Refueling Infrastructure for Long-Haul Trucks. <i>Journal of Infrastructure Systems</i> , 2019, 25, .	1.0	9
10	Challenges of using natural gas as a carbon mitigation option in China. <i>Energy Policy</i> , 2018, 117, 457-462.	4.2	67
11	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
12	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
13	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
14	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
15	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