

# Shaohui Zhang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8372172/publications.pdf>

Version: 2024-02-01

35  
papers

1,592  
citations

279798

23  
h-index

395702

33  
g-index

38  
all docs

38  
docs citations

38  
times ranked

1314  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reduced health burden and economic benefits of cleaner fuel usage from household energy consumption across rural and urban China. <i>Environmental Research Letters</i> , 2022, 17, 014039.	5.2	7
2	Exploring selected pathways to low and zero CO2 emissions in China's iron and steel industry and their impacts on resources and energy. <i>Journal of Cleaner Production</i> , 2022, 340, 130813.	9.3	60
3	Particle toxicity's role in air pollution's Response. <i>Science</i> , 2022, 375, 506-507.	12.6	2
4	Exploring pathways to deep de-carbonization and the associated environmental impact in China's ammonia industry. <i>Environmental Research Letters</i> , 2022, 17, 045029.	5.2	9
5	Assessing the potential of decarbonizing China's building construction by 2060 and synergy with industry sector. <i>Journal of Cleaner Production</i> , 2022, 359, 132086.	9.3	40
6	Potentials of energy efficiency improvement and energy's emission's health nexus in Jing-Jin-Ji's cement industry. <i>Journal of Cleaner Production</i> , 2021, 278, 123335.	9.3	35
7	The 2020 China report of the Lancet Countdown on health and climate change. <i>Lancet Public Health</i> , The, 2021, 6, e64-e81.	10.0	106
8	Impacts of COVID-19 and fiscal stimuli on global emissions and the Paris Agreement. <i>Nature Climate Change</i> , 2021, 11, 200-206.	18.8	129
9	Assessment of efficiency improvement and emission mitigation potentials in China's petroleum refining industry. <i>Journal of Cleaner Production</i> , 2021, 280, 124482.	9.3	30
10	Carbon dioxide mitigation co-effect analysis of clean air policies: lessons and perspectives in China's Beijing-Tianjin-Hebei region. <i>Environmental Research Letters</i> , 2021, 16, 015006.	5.2	27
11	空气质量改善与PM <sub>2.5</sub> 浓度降低的协同效应：以京津冀地区为例。中国科学报, 2021, 11, 1-5.		5
12	Integrated assessment of cleaning air policy in China: A case study for Beijing-Tianjin-Hebei region. <i>Journal of Cleaner Production</i> , 2021, 296, 126596.	9.3	25
13	The potential of industrial electricity savings to reduce air pollution from coal-fired power generation in China. <i>Journal of Cleaner Production</i> , 2021, 301, 126978.	9.3	27
14	Saving energy in China's industry with a focus on electricity: a review of opportunities, potentials and environmental benefits. <i>Energy Efficiency</i> , 2021, 14, 1.	2.8	7
15	Health and economic benefits of clean air policies in China: A case study for Beijing-Tianjin-Hebei region. <i>Environmental Pollution</i> , 2021, 285, 117525.	7.5	22
16	Abating ammonia is more cost-effective than nitrogen oxides for mitigating PM <sub>2.5</sub> air pollution. <i>Science</i> , 2021, 374, 758-762.	12.6	191
17	The 2021 China report of the Lancet Countdown on health and climate change: seizing the window of opportunity. <i>Lancet Public Health</i> , The, 2021, 6, e932-e947.	10.0	41
18	Incorporating health co-benefits into technology pathways to achieve China's 2060 carbon neutrality goal: a modelling study. <i>Lancet Planetary Health</i> , The, 2021, 5, e808-e817.	11.4	62

#	ARTICLE	IF	CITATIONS
19	Energy Efficiency Improvement Opportunities in the Global Industrial Sector. , 2020, , 377-388.		3
20	Estimating air pollution and health loss embodied in electricity transfers: An inter-provincial analysis in China. Science of the Total Environment, 2020, 702, 134705.	8.0	18
21	Role of export industries on ozone pollution and its precursors in China. Nature Communications, 2020, 11, 5492.	12.8	30
22	Co-benefits of Energy-Efficient Air Conditioners in the Residential Building Sector of China. Environmental Science & Technology, 2020, 54, 13217-13227.	10.0	14
23	CLIMATE AND HEALTH BENEFITS OF PHASING OUT IRON & STEEL PRODUCTION CAPACITY IN CHINA: FINDINGS FROM THE IMED MODEL. Climate Change Economics, 2020, 11, 2041008.	5.0	5
24	Toward the 2-degree target: Evaluating co-benefits of road transportation in China. Journal of Transport and Health, 2019, 15, 100674.	2.2	9
25	Integrated assessment of resource-energy-environment nexus in China's iron and steel industry. Journal of Cleaner Production, 2019, 232, 235-249.	9.3	58
26	Exploring the driving forces of energy consumption and environmental pollution in China's cement industry at the provincial level. Journal of Cleaner Production, 2018, 184, 274-285.	9.3	54
27	Assessing air pollution abatement co-benefits of energy efficiency improvement in cement industry: A city level analysis. Journal of Cleaner Production, 2018, 185, 761-771.	9.3	53
28	Comparing Urban and Rural Household CO2 Emissionsâ€”Case from Chinaâ€™s Four Megacities: Beijing, Tianjin, Shanghai, and Chongqing. Energies, 2018, 11, 1257.	3.1	24
29	Modeling energy efficiency to improve air quality and health effects of Chinaâ€™s cement industry. Applied Energy, 2016, 184, 574-593.	10.1	63
30	Cutting air Pollution by Improving Energy Efficiency of China's Cement Industry. Energy Procedia, 2015, 83, 10-20.	1.8	34
31	Mapping and modeling multiple benefits of energy efficiency and emission mitigation in Chinaâ€™s cement industry at the provincial level. Applied Energy, 2015, 155, 35-58.	10.1	63
32	Evaluating co-benefits of energy efficiency and air pollution abatement in Chinaâ€™s cement industry. Applied Energy, 2015, 147, 192-213.	10.1	159
33	Synergy of air pollutants and greenhouse gas emissions of Chinese industries: A critical assessment of energy models. Energy, 2015, 93, 2436-2450.	8.8	26
34	Co-benefits of energy efficiency improvement and air pollution abatement in the Chinese iron and steel industry. Energy, 2014, 78, 333-345.	8.8	151
35	A multi-criteria decision support model for adopting energy efficiency technologies in the iron and steel industry. Annals of Operations Research, 0, , 1.	4.1	1