

# Xiliang Zhang

## List of Publications by Year in descending order

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28  
papers

1,116  
citations

471371

17  
h-index

477173

29  
g-index

30  
all docs

30  
docs citations

30  
times ranked

1249  
citing authors

#	ARTICLE	IF	CITATIONS
1	Emissions trading in China: Progress and prospects. <i>Energy Policy</i> , 2014, 75, 9-16.	4.2	203
2	Modelling the potential for wind energy integration on China's coal-heavy electricity grid. <i>Nature Energy</i> , 2016, 1, .	19.8	166
3	Heat roadmap China: New heat strategy to reduce energy consumption towards 2030. <i>Energy</i> , 2015, 81, 274-285.	4.5	130
4	Techno-Economic Analysis of Bioethanol Production from Lignocellulosic Biomass in China: Dilute-Acid Pretreatment and Enzymatic Hydrolysis of Corn Stover. <i>Energies</i> , 2015, 8, 4096-4117.	1.6	75
5	Review of Carbon Emissions Trading Pilots in China. <i>Energy and Environment</i> , 2014, 25, 527-549.	2.7	70
6	Life Cycle GHG of NG-Based Fuel and Electric Vehicle in China. <i>Energies</i> , 2013, 6, 2644-2662.	1.6	50
7	Electric Vehicle Market Penetration and Impacts on Energy Consumption and CO2 Emission in the Future: Beijing Case. <i>Energies</i> , 2017, 10, 228.	1.6	50
8	Integrity of firms' emissions reporting in China's early carbon markets. <i>Nature Climate Change</i> , 2019, 9, 164-169.	8.1	30
9	China's wind industry: policy lessons for domestic government interventions and international support. <i>Climate Policy</i> , 2009, 9, 553-564.	2.6	29
10	Life-Cycle Analyses of Energy Consumption and GHG Emissions of Natural Gas-Based Alternative Vehicle Fuels in China. <i>Journal of Energy</i> , 2013, 2013, 1-8.	1.4	27
11	Life-Cycle Energy Use and Greenhouse Gas Emissions Analysis for Bio-Liquid Jet Fuel from Open Pond-Based Micro-Algae under China Conditions. <i>Energies</i> , 2013, 6, 4897-4923.	1.6	25
12	China automotive energy consumption and greenhouse gas emissions outlook to 2050. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2015, 20, 627-650.	1.0	25
13	Health Benefits and Costs of Clean Heating Renovation: An Integrated Assessment in a Major Chinese City. <i>Environmental Science &amp; Technology</i> , 2021, 55, 10046-10055.	4.6	22
14	Alternative energy development strategies for China towards 2030. <i>Frontiers of Energy and Power Engineering in China</i> , 2009, 3, 2-10.	0.4	20
15	Life-cycle analysis of energy use and greenhouse gas emissions of gas-to-liquid fuel pathway from steel mill off-gas in China by the LanzaTech process. <i>Frontiers in Energy</i> , 2013, 7, 263-270.	1.2	19
16	A general equilibrium analysis of floor prices for China's national carbon emissions trading system. <i>Climate Policy</i> , 2018, 18, 60-70.	2.6	18
17	Fundamental study of CO2 control technologies and policies in China. <i>Science in China Series D: Earth Sciences</i> , 2008, 51, 857-870.	0.9	16
18	Full lifetime cost analysis of battery, plug-in hybrid and FCEVs in China in the near future. <i>Frontiers in Energy</i> , 2012, 6, 107-111.	1.2	16

#	ARTICLE	IF	CITATIONS
19	Recent Advances in the Analysis of Sustainable Energy Systems. <i>Energies</i> , 2018, 11, 2520.	1.6	16
20	Marginal abatement cost curve for wind power in China: a provincial level analysis. <i>Energy Science and Engineering</i> , 2016, 4, 245-255.	1.9	13
21	Health effects of ozone and particulate matter pollution in China: a province-level CGE analysis. <i>Annals of Regional Science</i> , 2019, 63, 269-293.	1.0	13
22	Future penetration and impacts of electric vehicles on transport energy consumption and CO2 emissions in different Chinese tiered cities. <i>Science China Technological Sciences</i> , 2018, 61, 1483-1491.	2.0	12
23	Prospect of briquetting biomass fuel by forest residues in Tibet. <i>Korean Journal of Chemical Engineering</i> , 2007, 24, 170-174.	1.2	11
24	ASSESSING GLOBAL AND NATIONAL ECONOMIC LOSSES FROM CLIMATE CHANGE: A STUDY BASED ON CGEM-IAM IN CHINA. <i>Climate Change Economics</i> , 2020, 11, 2041003.	2.9	8
25	Causality relationship between the photovoltaic market and its manufacturing in China, Germany, the US, and Japan. <i>Frontiers in Energy</i> , 2011, 5, 43-48.	1.2	6
26	Comparative study of energy consumption and CO2 emissions between Beijing and London. <i>Frontiers in Energy</i> , 2013, 7, 1-5.	1.2	6
27	ESTIMATING HEALTH CO-BENEFITS OF CLIMATE POLICIES IN CHINA: AN APPLICATION OF THE REGIONAL EMISSIONS-AIR QUALITY-CLIMATE-HEALTH (REACH) FRAMEWORK. <i>Climate Change Economics</i> , 2020, 11, 2041004.	2.9	6
28	Evaluating the data quality of continuous emissions monitoring systems in China. <i>Journal of Environmental Management</i> , 2022, 314, 115081.	3.8	5