

# Zhaohua Wang

## List of Publications by Year in descending order

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Version: 2024-02-01

95  
papers

7,068  
citations

57681

46  
h-index

68831

81  
g-index

95  
all docs

95  
docs citations

95  
times ranked

5014  
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of foreign direct investment in decomposing of scale and technique effects on China's energy consumption. <i>International Journal of Finance and Economics</i> , 2023, 28, 3370-3385.	1.9	5
2	Novel double auctions for spatially distributed parking slot assignment with externalities. <i>IIEE Transactions</i> , 2023, 55, 288-300.	1.6	2
3	Revenue allocation for interfirm collaboration on carbon emission reduction: complete information in a big data context. <i>Annals of Operations Research</i> , 2022, 316, 93-116.	2.6	18
4	Impacts of international trade on global inequality of energy and water use. <i>Journal of Environmental Management</i> , 2022, 315, 115156.	3.8	8
5	The simultaneous impact of education and financial development on renewable energy consumption: an investigation of Next-11 countries. <i>Environmental Science and Pollution Research</i> , 2022, 29, 85492-85509.	2.7	4
6	Mixed data-driven decision-making in demand response management: An empirical evidence from dynamic time-warping based nonparametric-matching DID. <i>Omega</i> , 2021, 100, 102233.	3.6	13
7	Effect of energy efficiency labels on household appliance choice in China: Sustainable consumption or irrational intertemporal choice?. <i>Resources, Conservation and Recycling</i> , 2021, 169, 105458.	5.3	35
8	Effect and mechanism of monetary incentives and moral suasion on residential peak-hour electricity usage. <i>Technological Forecasting and Social Change</i> , 2021, 169, 120792.	6.2	4
9	Revisiting the biomass energy-economic growth linkage of BRICS countries: A panel quantile regression with fixed effects approach. <i>Journal of Cleaner Production</i> , 2021, 316, 128382.	4.6	35
10	Can public participation in haze governance be guided by government? Evidence from large-scale social media content data mining. <i>Journal of Cleaner Production</i> , 2021, 318, 128401.	4.6	18
11	Whom you are with will make your travel greener. <i>Transportation Research, Part D: Transport and Environment</i> , 2021, 99, 102936.	3.2	4
12	Stakeholders, green manufacturing, and practice performance: empirical evidence from Chinese fashion businesses. <i>Annals of Operations Research</i> , 2020, 290, 961-982.	2.6	68
13	Nonrenewable energy's environmental and health effects on human capital: empirical evidence from Pakistan. <i>Environmental Science and Pollution Research</i> , 2020, 27, 2630-2646.	2.7	25
14	Mapping global carbon footprint in China. <i>Nature Communications</i> , 2020, 11, 2237.	5.8	92
15	Residents' sentiments towards electricity price policy: Evidence from text mining in social media. <i>Resources, Conservation and Recycling</i> , 2020, 160, 104903.	5.3	26
16	How to effectively implement an incentive-based residential electricity demand response policy? Experience from large-scale trials and matching questionnaires. <i>Energy Policy</i> , 2020, 141, 111450.	4.2	24
17	Biomass energy production and its impacts on the ecological footprint: An investigation of the G7 countries. <i>Science of the Total Environment</i> , 2020, 743, 140741.	3.9	123
18	Great Divergence Exists in Chinese Provincial Trade-Related CO <sub>2</sub> Emission Accounts. <i>Environmental Science &amp; Technology</i> , 2020, 54, 8527-8538.	4.6	16

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19	Trade-off between environmental benefits and time costs for public bicycles: An empirical analysis using streaming data in China. <i>Science of the Total Environment</i> , 2020, 715, 136847.	3.9	13
20	Urban households' purchase intentions for pure electric vehicles under subsidy contexts in China: Do cost factors matter?. <i>Transportation Research, Part A: Policy and Practice</i> , 2020, 135, 183-197.	2.0	43
21	Low-Carbon Transportation for the Residential Sector in China. , 2020, , 61-107.		0
22	Investigating the impact of human capital on the ecological footprint in India: An empirical analysis. <i>Environmental Science and Pollution Research</i> , 2019, 26, 26782-26796.	2.7	260
23	Purchasing intentions of Chinese consumers on energy-efficient appliances: Is the energy efficiency label effective?. <i>Journal of Cleaner Production</i> , 2019, 238, 117896.	4.6	63
24	The nexus between urbanization, road infrastructure, and transport energy demand: empirical evidence from Pakistan. <i>Environmental Science and Pollution Research</i> , 2019, 26, 34884-34895.	2.7	74
25	Dynamic linkages among CO2 emissions, human development, financial development, and globalization: empirical evidence based on PMG long-run panel estimation. <i>Environmental Science and Pollution Research</i> , 2019, 26, 36248-36263.	2.7	61
26	From intention to action: How do personal attitudes, facilities accessibility, and government stimulus matter for household waste sorting?. <i>Journal of Environmental Management</i> , 2019, 233, 447-458.	3.8	209
27	Investigation of the ecological footprint's driving factors: What we learn from the experience of emerging economies. <i>Sustainable Cities and Society</i> , 2019, 49, 101626.	5.1	171
28	Investigating the non-linear relationship between urbanization and CO2 emissions: An empirical analysis. <i>Air Quality, Atmosphere and Health</i> , 2019, 12, 945-953.	1.5	179
29	Sensitivity of sectoral CO2 emissions to demand and supply pattern changes in China. <i>Science of the Total Environment</i> , 2019, 682, 572-582.	3.9	8
30	How to bend down the environmental Kuznets curve: the significance of biomass energy. <i>Environmental Science and Pollution Research</i> , 2019, 26, 21598-21608.	2.7	42
31	Renewable energy, economic growth, human capital, and CO2 emission: an empirical analysis. <i>Environmental Science and Pollution Research</i> , 2019, 26, 20619-20630.	2.7	166
32	Does globalization increase the ecological footprint? Empirical evidence from Malaysia. <i>Environmental Science and Pollution Research</i> , 2019, 26, 18565-18582.	2.7	302
33	Technology heterogeneity and efficiency of China's circular economic systems: A game meta-frontier DEA approach. <i>Resources, Conservation and Recycling</i> , 2019, 146, 337-347.	5.3	76
34	Does biomass energy consumption help to control environmental pollution? Evidence from BRICS countries. <i>Science of the Total Environment</i> , 2019, 670, 1075-1083.	3.9	228
35	Dynamic linkages among CO2 emissions, health expenditures, and economic growth: empirical evidence from Pakistan. <i>Environmental Science and Pollution Research</i> , 2019, 26, 15285-15299.	2.7	109
36	How does the new-type urbanisation affect CO2 emissions in China? An empirical analysis from the perspective of technological progress. <i>Energy Economics</i> , 2019, 80, 917-927.	5.6	109

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37	Determinants shaping willingness towards on-line recycling behaviour: An empirical study of household e-waste recycling in China. <i>Resources, Conservation and Recycling</i> , 2019, 143, 218-225.	5.3	157
38	Exploring the energy consumption rebound effect of industrial enterprises in the Beijing-Tianjin-Hebei region. <i>Energy Efficiency</i> , 2019, 12, 1007-1026.	1.3	32
39	Analysis of factors influencing residents' habitual energy-saving behaviour based on NAM and TPB models: Egoism or altruism?. <i>Energy Policy</i> , 2018, 116, 68-77.	4.2	170
40	Measuring emission-reduction and energy-conservation efficiency of Chinese cities considering management and technology heterogeneity. <i>Journal of Cleaner Production</i> , 2018, 175, 561-571.	4.6	85
41	Energy and CO2 emissions efficiency of major economies: A network DEA approach. <i>Energy</i> , 2018, 147, 197-207.	4.5	106
42	Optimal pricing contracts and level of information asymmetry in a supply chain. <i>International Transactions in Operational Research</i> , 2018, 25, 1583-1610.	1.8	25
43	Energy production, economic growth and CO2 emission: evidence from Pakistan. <i>Natural Hazards</i> , 2018, 90, 27-50.	1.6	145
44	Optimizing cooperative carbon emission reduction among enterprises with non-equivalent relationships subject to carbon taxation. <i>Journal of Cleaner Production</i> , 2018, 172, 552-565.	4.6	26
45	Dynamic relationship between tourism, economic growth, and environmental quality. <i>Journal of Sustainable Tourism</i> , 2018, 26, 1928-1943.	5.7	175
46	Agglomeration effect of CO2 emissions and emissions reduction effect of technology: A spatial econometric perspective based on China's province-level data. <i>Journal of Cleaner Production</i> , 2018, 204, 96-106.	4.6	107
47	Optimizing China's energy consumption structure under energy and carbon constraints. <i>Structural Change and Economic Dynamics</i> , 2018, 47, 57-72.	2.1	93
48	Carbon reduction from sustainable consumption of waste resources: An optimal model for collaboration in an industrial symbiotic network. <i>Journal of Cleaner Production</i> , 2018, 196, 821-828.	4.6	21
49	Financial benefits from corporate announced practice of industrial waste recycling: Empirical evidence from chemical industry in China. <i>Resources, Conservation and Recycling</i> , 2018, 139, 40-47.	5.3	30
50	Heterogeneity evaluation of China's provincial energy technology based on large-scale technical text data mining. <i>Journal of Cleaner Production</i> , 2018, 202, 946-958.	4.6	26
51	Integrated impact of the carbon quota constraints on enterprises within supply chain: Direct cost and indirect cost. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 92, 774-783.	8.2	33
52	Will regional economic integration influence carbon dioxide marginal abatement costs? Evidence from Chinese panel data. <i>Energy Economics</i> , 2018, 74, 263-274.	5.6	81
53	An empirical examination of energy consumption, behavioral intention, and situational factors: evidence from Beijing. <i>Annals of Operations Research</i> , 2017, 255, 507-524.	2.6	34
54	Rebound effects for residential electricity use in urban China: an aggregation analysis based E-I-O and scenario simulation. <i>Annals of Operations Research</i> , 2017, 255, 525-546.	2.6	17

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55	Impacts of information reliability in a supply chain with market disruption risks. <i>International Transactions in Operational Research</i> , 2017, 24, 737-761.	1.8	15
56	Policy implications of the purchasing intentions towards energy-efficient appliances among China's urban residents: Do subsidies work?. <i>Energy Policy</i> , 2017, 102, 430-439.	4.2	134
57	Regional energy intensity reduction potential in China: A non-parametric analysis approach. <i>Journal of Cleaner Production</i> , 2017, 149, 426-435.	4.6	20
58	Role of renewable energy and non-renewable energy consumption on EKC: Evidence from Pakistan. <i>Journal of Cleaner Production</i> , 2017, 156, 855-864.	4.6	474
59	Performance and reduction potential of energy and CO2 emissions among the APEC's members with considering the return to scale. <i>Energy</i> , 2017, 138, 552-562.	4.5	32
60	CO2 emissions efficiency and marginal abatement costs of the regional transportation sectors in China. <i>Transportation Research, Part D: Transport and Environment</i> , 2017, 50, 83-97.	3.2	93
61	Analysis of interregional industry linkage and economic distance in China: evidence from the mining industry. <i>Applied Economics</i> , 2017, 49, 606-617.	1.2	8
62	Take responsibility for electronic-waste disposal. <i>Nature</i> , 2016, 536, 23-25.	13.7	155
63	Does Industrial Waste Reuse Bring Dual Benefits of Economic Growth and Carbon Emission Reduction?: Evidence of Incorporating the Indirect Effect of Economic Growth in China. <i>Journal of Industrial Ecology</i> , 2016, 20, 1306-1319.	2.8	7
64	Determinants and policy implications of residents' new energy vehicle purchases: the evidence from China. <i>Natural Hazards</i> , 2016, 82, 155-173.	1.6	48
65	Features and influencing factors of carbon emissions indicators in the perspective of residential consumption: Evidence from Beijing, China. <i>Ecological Indicators</i> , 2016, 61, 634-645.	2.6	81
66	Carbon emissions calculation from municipal solid waste and the influencing factors analysis in China. <i>Journal of Cleaner Production</i> , 2015, 104, 177-184.	4.6	65
67	Sources of production inefficiency and productivity growth in China: A global data envelopment analysis. <i>Energy Economics</i> , 2015, 49, 380-389.	5.6	123
68	A performance evaluation of the energy, environmental, and economic efficiency and productivity in China: An application of global data envelopment analysis. <i>Applied Energy</i> , 2015, 147, 617-626.	5.1	168
69	How carbon offsetting scheme impacts the duopoly output in production and abatement: analysis in the context of carbon cap-and-trade. <i>Journal of Cleaner Production</i> , 2015, 103, 715-723.	4.6	72
70	Driving forces of indirect carbon emissions from household consumption in China: an input-output decomposition analysis. <i>Natural Hazards</i> , 2015, 75, 257-272.	1.6	83
71	Strategies for addressing climate change on the industrial level: affecting factors to CO2 emissions of energy-intensive industries in China. <i>Natural Hazards</i> , 2015, 75, 303-317.	1.6	30
72	Optimization and Planning of Emergency Evacuation Routes Considering Traffic Control. <i>Scientific World Journal</i> , The, 2014, 2014, 1-15.	0.8	6

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73	The impact and economic cost of environmental regulation on energy utilization in China. <i>Applied Economics</i> , 2014, 46, 3362-3376.	1.2	49
74	An empirical study of direct rebound effect for road freight transport in China. <i>Applied Energy</i> , 2014, 133, 274-281.	5.1	103
75	An empirical analysis of China's energy efficiency from both static and dynamic perspectives. <i>Energy</i> , 2014, 74, 322-330.	4.5	131
76	Direct rebound effect on urban residential electricity use: An empirical study in China. <i>Renewable and Sustainable Energy Reviews</i> , 2014, 30, 124-132.	8.2	116
77	Inter-firm collaborations on carbon emission reduction within industrial chains in China: Practices, drivers and effects on firms' performances. <i>Energy Economics</i> , 2014, 42, 115-131.	5.6	80
78	Determinants of employee electricity saving: the role of social benefits, personal benefits and organizational electricity saving climate. <i>Journal of Cleaner Production</i> , 2014, 66, 280-287.	4.6	88
79	Antecedents of employee electricity saving behavior in organizations: An empirical study based on norm activation model. <i>Energy Policy</i> , 2013, 62, 1120-1127.	4.2	240
80	Dynamic Pricing and Supply Coordination with Reimbursement Contract under Random Yield and Demand. <i>Discrete Dynamics in Nature and Society</i> , 2013, 2013, 1-10.	0.5	3
81	System Dynamics Model for VMI&TPL Integrated Supply Chains. <i>Discrete Dynamics in Nature and Society</i> , 2013, 2013, 1-17.	0.5	2
82	Relationships between energy technology patents and CO2 emissions in China: An empirical study. <i>Journal of Renewable and Sustainable Energy</i> , 2012, 4, 031807.	0.8	7
83	Promoting the intention of students to continue their participation in e-learning systems. <i>Information Technology and People</i> , 2012, 25, 356-375.	1.9	66
84	CO2 emission reduction within Chinese iron & steel industry: practices, determinants and performance. <i>Journal of Cleaner Production</i> , 2012, 33, 167-178.	4.6	140
85	Lot Sizing and Dynamic Pricing with Random Yield and Different Qualities. <i>International Journal of Advanced Pervasive and Ubiquitous Computing</i> , 2012, 4, 91-101.	0.4	0
86	Determinants of the increased CO2 emission and adaption strategy in Chinese energy-intensive industry. <i>Natural Hazards</i> , 2012, 62, 17-30.	1.6	24
87	Energy technology patentsâ€CO2 emissions nexus: An empirical analysis from China. <i>Energy Policy</i> , 2012, 42, 248-260.	4.2	171
88	Determinants and policy implications for household electricity-saving behaviour: Evidence from Beijing, China. <i>Energy Policy</i> , 2011, 39, 3550-3557.	4.2	234
89	Applied Research on the Integration of Innovative Approaches and Decision-making Method Based on Engineering Technical Innovation Process. , 2010, , .		0
90	A multi-stage optimization module for logistic outsourcing partner selection. , 2009, , .		0

#	ARTICLE	IF	CITATIONS
91	An analysis on the resource recycling pathway in industrial symbiosis network based on circular economy theory. , 2009, , .		0
92	A reverse logistics optimization model for hazardous waste in the perspective of fuzzy multi-objective programming theory. , 2008, , .		2
93	An analysis on the operation modes of outsourcing network in the perspective of cases. , 2008, , .		0
94	A fuzzy modeling for facility location optimization of spent batteries' reverse logistics. , 2008, , .		2
95	Residential power demand side management optimization based on fine-grained mixed frequency data. Annals of Operations Research, 0, , 1.	2.6	0