

# Shuai Shao

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

90  
papers

4,813  
citations

39  
h-index

68  
g-index

92  
ext. papers

7,016  
ext. citations

8.2  
avg, IF

6.69  
L-index

#	Paper	IF	Citations
90	New provincial CO <sub>2</sub> emission inventories in China based on apparent energy consumption data and updated emission factors. <i>Applied Energy</i> , <b>2016</b> , 184, 742-750	10.7	221
89	Structural decline in China's CO <sub>2</sub> emissions through transitions in industry and energy systems. <i>Nature Geoscience</i> , <b>2018</b> , 11, 551-555	18.3	213
88	Impacts of air pollution and its spatial spillover effect on public health based on China's big data sample. <i>Journal of Cleaner Production</i> , <b>2017</b> , 142, 915-925	10.3	207
87	Methodology and applications of city level CO <sub>2</sub> emission accounts in China. <i>Journal of Cleaner Production</i> , <b>2017</b> , 161, 1215-1225	10.3	207
86	Decoupling CO <sub>2</sub> emissions and industrial growth in China over 1993-2013: The role of investment. <i>Energy Economics</i> , <b>2016</b> , 60, 275-292	8.3	168
85	Using an extended LMDI model to explore techno-economic drivers of energy-related industrial CO <sub>2</sub> emission changes: A case study for Shanghai (China). <i>Renewable and Sustainable Energy Reviews</i> , <b>2016</b> , 55, 516-536	16.2	168
84	Decoupling economic growth from carbon dioxide emissions in China: A sectoral factor decomposition analysis. <i>Journal of Cleaner Production</i> , <b>2017</b> , 142, 3500-3516	10.3	146
83	Estimation, characteristics, and determinants of energy-related industrial CO <sub>2</sub> emissions in Shanghai (China), 1994-2009. <i>Energy Policy</i> , <b>2011</b> , 39, 6476-6494	7.2	146
82	High speed rail and urban service industry agglomeration: Evidence from China's Yangtze River Delta region. <i>Journal of Transport Geography</i> , <b>2017</b> , 64, 174-183	5.2	135
81	Does carbon intensity constraint policy improve industrial green production performance in China? A quasi-DID analysis. <i>Energy Economics</i> , <b>2017</b> , 68, 271-282	8.3	132
80	What influences an individual's pro-environmental behavior? A literature review. <i>Resources, Conservation and Recycling</i> , <b>2019</b> , 146, 28-34	11.9	132
79	How to achieve the 2030 CO <sub>2</sub> emission-reduction targets for China's industrial sector: Retrospective decomposition and prospective trajectories. <i>Global Environmental Change</i> , <b>2017</b> , 44, 83-97	10.1	123
78	Combining global Malmquist-Luenberger index and generalized method of moments to investigate industrial total factor CO <sub>2</sub> emission performance: A case of Shanghai (China). <i>Energy Policy</i> , <b>2015</b> , 79, 189-201	7.2	119
77	Uncovering driving factors of carbon emissions from China's mining sector. <i>Applied Energy</i> , <b>2016</b> , 166, 220-238	10.7	117
76	Environmental non-governmental organizations and urban environmental governance: Evidence from China. <i>Journal of Environmental Management</i> , <b>2018</b> , 206, 1296-1307	7.9	112
75	Natural resource dependence, human capital accumulation, and economic growth: A combined explanation for the resource curse and the resource blessing. <i>Energy Policy</i> , <b>2014</b> , 74, 632-642	7.2	107
74	Using latent variable approach to estimate China's economy-wide energy rebound effect over 1954-2010. <i>Energy Policy</i> , <b>2014</b> , 72, 235-248	7.2	106

73	Environmental Performance and Regulation Effect of China's Atmospheric Pollutant Emissions: Evidence from Three Regions and Ten Urban Agglomerations. <i>Environmental and Resource Economics</i> , <b>2019</b> , 74, 211-242	4.4	101
72	Can urbanization process and carbon emission abatement be harmonious? New evidence from China. <i>Environmental Impact Assessment Review</i> , <b>2018</b> , 71, 70-83	5.3	91
71	Does directed technological change get greener: Empirical evidence from Shanghai's industrial green development transformation. <i>Ecological Indicators</i> , <b>2016</b> , 69, 758-770	5.8	89
70	Structural transformation of manufacturing, natural resource dependence, and carbon emissions reduction: Evidence of a threshold effect from China. <i>Journal of Cleaner Production</i> , <b>2019</b> , 206, 920-927	10.3	87
69	Energy use, industrial soot and vehicle exhaust pollution: China's regional air pollution recognition, performance decomposition and governance. <i>Energy Economics</i> , <b>2019</b> , 83, 501-514	8.3	84
68	Can China's Energy Intensity Constraint Policy Promote Total Factor Energy Efficiency? Evidence from the Industrial Sector. <i>Energy Journal</i> , <b>2019</b> , 40,	3.5	84
67	Do the rich have stronger willingness to pay for environmental protection? New evidence from a survey in China. <i>World Development</i> , <b>2018</b> , 105, 83-94	5.5	81
66	Improvement pathway of energy consumption structure in China's industrial sector: From the perspective of directed technical change. <i>Energy Economics</i> , <b>2018</b> , 72, 166-176	8.3	77
65	Distributional effects of a carbon tax on Chinese households: A case of Shanghai. <i>Energy Policy</i> , <b>2014</b> , 73, 269-277	7.2	75
64	Total-factor CO2 emission performance of China's provincial industrial sector: A meta-frontier non-radial Malmquist index approach. <i>Applied Energy</i> , <b>2016</b> , 184, 1142-1153	10.7	74
63	Environmental Regulation and Enterprise Innovation: A Review. <i>Business Strategy and the Environment</i> , <b>2020</b> , 29, 1465-1478	8.6	73
62	Heterogeneous green innovations and carbon emission performance: Evidence at China's city level. <i>Energy Economics</i> , <b>2021</b> , 99, 105269	8.3	65
61	Exploring the driving forces and mitigation pathways of CO2 emissions in China's petroleum refining and coking industry: 1995-2031. <i>Applied Energy</i> , <b>2016</b> , 184, 1004-1015	10.7	59
60	Market segmentation and urban CO emissions in China: Evidence from the Yangtze River Delta region. <i>Journal of Environmental Management</i> , <b>2019</b> , 248, 109324	7.9	53
59	Agricultural inputs, urbanization, and urban-rural income disparity: Evidence from China. <i>China Economic Review</i> , <b>2019</b> , 55, 67-84	3.9	49
58	Environmental tax shocks and carbon emissions: An estimated DSGE model. <i>Structural Change and Economic Dynamics</i> , <b>2018</b> , 47, 9-17	4.5	49
57	Differentiated effects of diversified technological sources on energy-saving technological progress: Empirical evidence from China's industrial sectors. <i>Renewable and Sustainable Energy Reviews</i> , <b>2017</b> , 72, 1379-1388	16.2	48
56	High-speed rail and CO2 emissions in urban China: A spatial difference-in-differences approach. <i>Energy Economics</i> , <b>2021</b> , 99, 105271	8.3	48

55	Impacts of government subsidies on pricing and performance level choice in Energy Performance Contracting: A two-step optimal decision model. <i>Applied Energy</i> , <b>2016</b> , 184, 1176-1183	10.7	41
54	The economic consequences of environmental regulation in China: From a perspective of the environmental protection admonishing talk policy. <i>Business Strategy and the Environment</i> , <b>2020</b> , 29, 1723-1733	8.6	40
53	Evaluating the construction efficiencies of urban wastewater transportation and treatment capacity: Evidence from 70 megacities in China. <i>Resources, Conservation and Recycling</i> , <b>2018</b> , 128, 373-381	11.9	39
52	Choice of technological change for China's low-carbon development: Evidence from three urban agglomerations. <i>Journal of Environmental Management</i> , <b>2018</b> , 206, 1308-1319	7.9	39
51	An emissions-socioeconomic inventory of Chinese cities. <i>Scientific Data</i> , <b>2019</b> , 6, 190027	8.2	39
50	Energy exploitation and economic growth in Western China: An empirical analysis based on the resource curse hypothesis. <i>Frontiers of Economics in China</i> , <b>2009</b> , 4, 125-152		38
49	China's non-fossil energy development and its 2030 CO <sub>2</sub> reduction targets: The role of urbanization. <i>Applied Energy</i> , <b>2020</b> , 261, 114353	10.7	38
48	Market integration and environmental quality: Evidence from the Yangtze river delta region of China. <i>Journal of Environmental Management</i> , <b>2020</b> , 261, 110208	7.9	36
47	Does the rebound effect matter in energy import-dependent mega-cities? Evidence from Shanghai (China). <i>Applied Energy</i> , <b>2019</b> , 241, 212-228	10.7	35
46	Environmental regulation, total factor productivity, and enterprise duration: Evidence from China. <i>Business Strategy and the Environment</i> , <b>2020</b> , 29, 2284-2296	8.6	32
45	Temporal change in India's imbalance of carbon emissions embodied in international trade. <i>Applied Energy</i> , <b>2018</b> , 231, 914-925	10.7	32
44	Economic footprint of California wildfires in 2018. <i>Nature Sustainability</i> , <b>2021</b> , 4, 252-260	22.1	31
43	Have China's provinces achieved their targets of energy intensity reduction? Reassessment based on nighttime lighting data. <i>Energy Policy</i> , <b>2019</b> , 128, 276-283	7.2	30
42	Does FDI have energy-saving spillover effect in China? A perspective of energy-biased technical change. <i>Journal of Cleaner Production</i> , <b>2019</b> , 234, 436-450	10.3	30
41	Alleviating the misallocation of R&D inputs in China's manufacturing sector: From the perspectives of factor-biased technological innovation and substitution elasticity. <i>Technological Forecasting and Social Change</i> , <b>2020</b> , 151, 119878	9.5	30
40	How to achieve China's CO <sub>2</sub> emission reduction targets by provincial efforts? An analysis based on generalized Divisia index and dynamic scenario simulation. <i>Renewable and Sustainable Energy Reviews</i> , <b>2020</b> , 127, 109892	16.2	28
39	Decoupling PM emissions and economic growth in China over 1998-2016: A regional investment perspective. <i>Science of the Total Environment</i> , <b>2020</b> , 714, 136841	10.2	27
38	The regional Dutch disease effect within China: A spatial econometric investigation. <i>Energy Economics</i> , <b>2020</b> , 88, 104766	8.3	26

37	Has the transport-led economic growth effect reached a peak in China? A panel threshold regression approach. <i>Transportation</i> , <b>2014</b> , 41, 567-587	4	25
36	Green supply chain behavior and business performance: Evidence from China. <i>Technological Forecasting and Social Change</i> , <b>2019</b> , 144, 445-455	9.5	22
35	The elasticity of the potential of emission reduction to energy saving: Definition, measurement, and evidence from China. <i>Ecological Indicators</i> , <b>2017</b> , 78, 395-404	5.8	21
34	Regional carbon imbalance within China: An application of the Kaya-Zenga index. <i>Journal of Environmental Management</i> , <b>2020</b> , 262, 110378	7.9	20
33	Can green credit policy improve environmental quality? Evidence from China. <i>Journal of Environmental Management</i> , <b>2021</b> , 298, 113445	7.9	20
32	Research Note: Has International Tourism Promoted Economic Growth in China? A Panel Threshold Regression Approach. <i>Tourism Economics</i> , <b>2014</b> , 20, 911-917	3.1	19
31	Urbanization and haze-governance performance: Evidence from China's 248 cities. <i>Journal of Environmental Management</i> , <b>2021</b> , 288, 112436	7.9	19
30	Wage distortion and green technological progress: A directed technological progress perspective. <i>Ecological Economics</i> , <b>2021</b> , 181, 106912	5.6	17
29	Synergetic conservation of water and energy in China's industrial sector: From the perspectives of output and substitution elasticities. <i>Journal of Environmental Management</i> , <b>2020</b> , 259, 110045	7.9	16
28	The governance-production nexus of eco-efficiency in Chinese resource-based cities: A two-stage network DEA approach. <i>Energy Economics</i> , <b>2021</b> , 101, 105408	8.3	16
27	Unintended consequences of carbon regulation on the performance of SOEs in China: The role of technical efficiency. <i>Energy Economics</i> , <b>2021</b> , 94, 105072	8.3	14
26	Urban Residential Energy Demand and Rebound Effect in China: A Stochastic Energy Demand Frontier Approach. <i>Energy Journal</i> , <b>2021</b> , 42,	3.5	14
25	Incentive and coordination: Ecological fiscal transfers' effects on eco-environmental quality. <i>Environmental Impact Assessment Review</i> , <b>2021</b> , 87, 106518	5.3	13
24	How does labor transfer affect environmental pollution in rural China? Evidence from a survey. <i>Energy Economics</i> , <b>2021</b> , 102, 105515	8.3	13
23	How does population aging affect household carbon emissions? Evidence from Chinese urban and rural areas. <i>Energy Economics</i> , <b>2021</b> , 100, 105356	8.3	12
22	Do environmental regulations hamper small enterprises' market entry? Evidence from China. <i>Business Strategy and the Environment</i> , <b>2021</b> , 30, 252-266	8.6	10
21	Scale of Production, Agglomeration and Agricultural Pollutant Treatment: Evidence From a Survey in China. <i>Ecological Economics</i> , <b>2017</b> , 140, 30-45	5.6	9
20	A 2015 inventory of embodied carbon emissions for Chinese power transmission infrastructure projects. <i>Scientific Data</i> , <b>2020</b> , 7, 318	8.2	8

19	Administrative decentralization and credit resource reallocation: Evidence from China's Enlarging Authority and Strengthening Counties Reform. <i>Cities</i> , <b>2020</b> , 97, 102530	5.6	7
18	Enlarging Regional Disparities in Energy Intensity within China. <i>Earth's Future</i> , <b>2020</b> , 8, e2020EF001572	7.9	7
17	Comparability of estimating energy rebound effect should be based on uniform mechanism and benchmark: A reply to Du and Lin. <i>Energy Policy</i> , <b>2016</b> , 91, 60-63	7.2	6
16	One man's loss is another's gain: Does clean energy development reduce CO2 emissions in China? Evidence based on the spatial Durbin model. <i>Energy Economics</i> , <b>2022</b> , 107, 105852	8.3	6
15	How do China's petrochemical markets react to oil price jumps? A comparative analysis of stocks and commodities. <i>Energy Economics</i> , <b>2020</b> , 92, 104979	8.3	6
14	Does the environmental inequality matter? A literature review. <i>Environmental Geochemistry and Health</i> , <b>2021</b> , 1	4.7	6
13	Low-carbon transformation of the regional electric power supply structure in China: A scenario analysis based on a bottom-up model with resource endowment constraints. <i>Resources, Conservation and Recycling</i> , <b>2021</b> , 167, 105315	11.9	6
12	The health effect of household cooking fuel choice in China: An urban-rural gap perspective. <i>Technological Forecasting and Social Change</i> , <b>2021</b> , 173, 121083	9.5	6
11	Two-Tier Synergic Governance of Greenhouse Gas Emissions and Air Pollution in China's Megacity, Shenzhen: Impact Evaluation and Policy Implication. <i>Environmental Science &amp; Technology</i> , <b>2021</b> , 55, 7225-7236	10.3	5
10	Can the electricity price subsidy policy curb NO emissions from China's coal-fired power industry? A difference-in-differences approach. <i>Journal of Environmental Management</i> , <b>2021</b> , 290, 112367	7.9	4
9	Heterogeneous performances and consequences of China's industrial environmental governance: clean production vs. end-of-pipe treatment. <i>Journal of Environmental Planning and Management</i> , 1-26	2.8	3
8	Can regional development plans promote economic growth? City-level evidence from China. <i>Socio-Economic Planning Sciences</i> , <b>2021</b> , 101212	3.7	3
7	The effect of emission trading system on infant health: evidence from China.. <i>Environmental Geochemistry and Health</i> , <b>2022</b> , 1	4.7	1
6	Appropriate technology and energy security: From the perspective of biased technological change. <i>Technological Forecasting and Social Change</i> , <b>2022</b> , 177, 121530	9.5	1
5	A dynamic computable general equilibrium simulation of China's innovation-based economy under the new normal. <i>Journal of Shanghai Jiaotong University (Science)</i> , <b>2016</b> , 21, 335-342	0.6	1
4	Can housing price regulation improve R&D performance in universities? Evidence from China. <i>Socio-Economic Planning Sciences</i> , <b>2022</b> , 101252	3.7	0
3	Booster or obstacle? Can coal capacity cut policies moderate the resource curse effect? Evidence from Shanxi (China). <i>Resources Policy</i> , <b>2022</b> , 75, 102437	7.2	0
2	How do China's lockdown and post-COVID-19 stimuli impact carbon emissions and economic output? Retrospective estimates and prospective trajectories. <i>IScience</i> , <b>2022</b> , 25, 104328	6.1	0

- 1 Unintended consequences of additional support on the publications of universities: Evidence from China. *Technological Forecasting and Social Change*, **2021**, 175, 121350 9.5