

# Junnian Song

## List of Publications by Citations

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**Version:** 2024-04-27

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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.

48  
papers

764  
citations

15  
h-index

26  
g-index

49  
ext. papers

1,177  
ext. citations

8.7  
avg, IF

4.78  
L-index

#	Paper	IF	Citations
48	Selecting sustainable energy conversion technologies for agricultural residues: A fuzzy AHP-VIKOR based prioritization from life cycle perspective. <i>Resources, Conservation and Recycling</i> , <b>2019</b> , 142, 78-87	11.9	83
47	Will China peak its energy-related carbon emissions by 2030? Lessons from 30 Chinese provinces. <i>Applied Energy</i> , <b>2019</b> , 255, 113852	10.7	73
46	Exploring potential pathways towards fossil energy-related GHG emission peak prior to 2030 for China: An integrated input-output simulation model. <i>Journal of Cleaner Production</i> , <b>2018</b> , 178, 688-702	10.3	48
45	Introducing renewable energy and industrial restructuring to reduce GHG emission: Application of a dynamic simulation model. <i>Energy Conversion and Management</i> , <b>2015</b> , 96, 625-636	10.6	44
44	The footprint-fingerprint: on the classification of the footprint family. <i>Current Opinion in Environmental Sustainability</i> , <b>2016</b> , 23, 54-62	7.2	40
43	Low-carbon developments in Northeast China: Evidence from cities. <i>Applied Energy</i> , <b>2019</b> , 236, 1019-1033	10.7	35
42	Indirect carbon emissions of urban households in China: Patterns, determinants and inequality. <i>Journal of Cleaner Production</i> , <b>2019</b> , 241, 118335	10.3	33
41	Assessment of the carbon emissions reduction potential of China's iron and steel industry based on a simulation analysis. <i>Energy</i> , <b>2019</b> , 183, 279-290	7.9	31
40	Discovering the energy, economic and environmental potentials of urban wastes: An input-output model for a metropolis case. <i>Energy Conversion and Management</i> , <b>2016</b> , 114, 168-179	10.6	31
39	Mapping the environmental footprints of nations partnering the Belt and Road Initiative. <i>Resources, Conservation and Recycling</i> , <b>2021</b> , 164, 105068	11.9	28
38	Integrated assessment of straw utilization for energy production from views of regional energy, environmental and socioeconomic benefits. <i>Journal of Cleaner Production</i> , <b>2018</b> , 190, 787-798	10.3	26
37	Dynamic integrated assessment of bioenergy technologies for energy production utilizing agricultural residues: An input-output approach. <i>Applied Energy</i> , <b>2015</b> , 158, 178-189	10.7	24
36	Modeling the development and utilization of bioenergy and exploring the environmental economic benefits. <i>Energy Conversion and Management</i> , <b>2015</b> , 103, 836-846	10.6	22
35	Exploration and assessment of optimal policy combination for total water pollution control with a dynamic simulation model. <i>Journal of Cleaner Production</i> , <b>2015</b> , 102, 342-352	10.3	22
34	Unraveling economic and environmental implications of cutting overcapacity of industries: A city-level empirical simulation with input-output approach. <i>Journal of Cleaner Production</i> , <b>2019</b> , 222, 722-732	10.3	18
33	Uncovering regional energy and environmental benefits of urban waste utilization: A physical input-output analysis for a city case. <i>Journal of Cleaner Production</i> , <b>2018</b> , 189, 922-932	10.3	15
32	China's pathways to peak carbon emissions: New insights from various industrial sectors. <i>Applied Energy</i> , <b>2022</b> , 306, 118039	10.7	15

31	How can national ETS affect carbon emissions and abatement costs? Evidence from the dual goals proposed by China's NDCs. <i>Resources, Conservation and Recycling</i> , <b>2021</b> , 171, 105638	11.9	15
30	Estimating mitigation potential and cost for air pollutants of China's thermal power generation: A GAINS-China model-based spatial analysis. <i>Journal of Cleaner Production</i> , <b>2019</b> , 211, 749-764	10.3	13
29	The Spatial and Temporal Research on the Coupling and Coordinated Relationship between Social Economy and Energy Environment in the Belt and Road Initiatives. <i>Sustainability</i> , <b>2019</b> , 11, 407	3.6	11
28	Unveiling the driving mechanism of air pollutant emissions from thermal power generation in China: A provincial-level spatiotemporal analysis. <i>Resources, Conservation and Recycling</i> , <b>2019</b> , 151, 104447	11.9	11
27	Energy conversion of urban wastes in China: Insights into potentials and disparities of regional energy and environmental benefits. <i>Energy Conversion and Management</i> , <b>2019</b> , 198, 111897	10.6	11
26	Revealing the nexus among energy-economy system with Haken model: Evidence from China's Beijing-Tianjin-Hebei region. <i>Journal of Cleaner Production</i> , <b>2019</b> , 228, 319-330	10.3	10
25	Revealing contributions to sulfur dioxide emissions in China: From the dimensions of final demand, driving effect and supply chain. <i>Resources, Conservation and Recycling</i> , <b>2020</b> , 160, 104864	11.9	10
24	Extracting critical supply chains driving air pollution in China. <i>Journal of Cleaner Production</i> , <b>2020</b> , 276, 124282	10.3	8
23	Seeking spatiotemporal patterns and driving mechanism of atmospheric pollutant emissions from road transportation in china. <i>Resources, Conservation and Recycling</i> , <b>2020</b> , 162, 105032	11.9	8
22	Coupling between energy efficiency and industrial structure: An urban agglomeration case. <i>Energy</i> , <b>2021</b> , 234, 121304	7.9	8
21	Urban consumers' willingness to pay for higher-level energy-saving appliances: Focusing on a less developed region. <i>Resources, Conservation and Recycling</i> , <b>2020</b> , 157, 104760	11.9	6
20	Regional integrative benefits of converting livestock excrements to energy in China: An elaborative assessment from life cycle perspective. <i>Journal of Cleaner Production</i> , <b>2020</b> , 275, 122470	10.3	6
19	Bridging planetary boundaries and spatial heterogeneity in a hybrid approach: A focus on Chinese provinces and industries. <i>Science of the Total Environment</i> , <b>2022</b> , 804, 150179	10.2	6
18	Why Are the Carbon Footprints of China's Urban Households Rising? An Input-Output Analysis and Structural Decomposition Analysis. <i>Sustainability</i> , <b>2019</b> , 11, 7157	3.6	5
17	Insights into variations and determinants of water pollutant discharge in Jilin, China: Investigations from multiple perspectives. <i>Journal of Cleaner Production</i> , <b>2019</b> , 241, 118386	10.3	4
16	Peaking Industrial Energy-Related CO2 Emissions in Typical Transformation Region: Paths and Mechanism. <i>Sustainability</i> , <b>2020</b> , 12, 791	3.6	4
15	Carbon Emissions Peak Prediction and the Reduction Pathway in Buildings during Operation in Jilin Province Based on LEAP. <i>Sustainability</i> , <b>2019</b> , 11, 4540	3.6	4
14	Quantitative Estimation of Biomass Energy and Evaluation of Biomass Utilization - A Case Study of Jilin Province, China. <i>Journal of Sustainable Development</i> , <b>2013</b> , 6,	1.3	4

13	Evolving household consumption-driven industrial energy consumption under urbanization: A dynamic input-output analysis. <i>Journal of Cleaner Production</i> , <b>2021</b> , 289, 125732	10.3	4
12	Allocation of pollutant emission permits at industrial level: Application of a bidirectional-coupling optimization model. <i>Journal of Cleaner Production</i> , <b>2020</b> , 242, 118489	10.3	4
11	Exploring Potential Pathways toward Energy-Related Carbon Emission Reduction in Heavy Industrial Regions of China: An Input-Output Approach. <i>Sustainability</i> , <b>2020</b> , 12, 2148	3.6	4
10	Highlighting Regional Energy-Economic-Environmental Benefits of Agricultural Bioresources Utilization: An Integrated Model from Life Cycle Perspective. <i>Sustainability</i> , <b>2019</b> , 11, 3743	3.6	3
9	Depicting Flows of Embodied Water Pollutant Discharge within Production System: Case of an Undeveloped Region. <i>Sustainability</i> , <b>2019</b> , 11, 3774	3.6	3
8	Characterizing regional building energy consumption under joint climatic and socioeconomic impacts. <i>Energy</i> , <b>2022</b> , 245, 123290	7.9	3
7	Holistic suitability for regional biomass power generation development in China: An application of matter-element extension model. <i>Journal of Environmental Management</i> , <b>2020</b> , 276, 111294	7.9	3
6	Simulating optimal development of clean coal-fired power generation for collaborative reduction of air pollutant and CO <sub>2</sub> emissions. <i>Sustainable Production and Consumption</i> , <b>2021</b> , 28, 811-823	8.2	3
5	Identifying opportunities for initiating waste recycling: Experiences of typical developed countries. <i>Journal of Cleaner Production</i> , <b>2021</b> , 129190	10.3	2
4	Uncovering Variations, Determinants, and Disparities of Multisector-Level Final Energy Use of Industries Across Cities. <i>Sustainability</i> , <b>2019</b> , 11, 1806	3.6	1
3	Reinforced urban waste management for resource, energy and environmental benefits: China's regional potentials. <i>Resources, Conservation and Recycling</i> , <b>2022</b> , 178, 106083	11.9	1
2	Shared network and supply chain features for synergetic control of carbon and air pollutant emissions.. <i>Science of the Total Environment</i> , <b>2022</b> , 154391	10.2	1
1	The Assessment of Carbon Performance under the Region-Sector Perspective based on the Nonparametric Estimation: A Case Study of the Northern Province in China. <i>Sustainability</i> , <b>2019</b> , 11, 6031	3.6	0