

Junnian Song

List of Publications by Year in Descending Order

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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	Characterizing regional building energy consumption under joint climatic and socioeconomic impacts. <i>Energy</i> , 2022 , 245, 123290	7.9	3
47	Reinforced urban waste management for resource, energy and environmental benefits: China's regional potentials. <i>Resources, Conservation and Recycling</i> , 2022 , 178, 106083	11.9	1
46	China's pathways to peak carbon emissions: New insights from various industrial sectors. <i>Applied Energy</i> , 2022 , 306, 118039	10.7	15
45	Bridging planetary boundaries and spatial heterogeneity in a hybrid approach: A focus on Chinese provinces and industries. <i>Science of the Total Environment</i> , 2022 , 804, 150179	10.2	6
44	Shared network and supply chain features for synergetic control of carbon and air pollutant emissions.. <i>Science of the Total Environment</i> , 2022 , 154391	10.2	1
43	Evolving household consumption-driven industrial energy consumption under urbanization: A dynamic input-output analysis. <i>Journal of Cleaner Production</i> , 2021 , 289, 125732	10.3	4
42	Mapping the environmental footprints of nations partnering the Belt and Road Initiative. <i>Resources, Conservation and Recycling</i> , 2021 , 164, 105068	11.9	28
41	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> , 2021 , 171, 105638	11.9	15
40	Identifying opportunities for initiating waste recycling: Experiences of typical developed countries. <i>Journal of Cleaner Production</i> , 2021 , 129190	10.3	2
39	Simulating optimal development of clean coal-fired power generation for collaborative reduction of air pollutant and CO2 emissions. <i>Sustainable Production and Consumption</i> , 2021 , 28, 811-823	8.2	3
38	Coupling between energy efficiency and industrial structure: An urban agglomeration case. <i>Energy</i> , 2021 , 234, 121304	7.9	8
37	Urban consumers' willingness to pay for higher-level energy-saving appliances: Focusing on a less developed region. <i>Resources, Conservation and Recycling</i> , 2020 , 157, 104760	11.9	6
36	Peaking Industrial Energy-Related CO2 Emissions in Typical Transformation Region: Paths and Mechanism. <i>Sustainability</i> , 2020 , 12, 791	3.6	4
35	Extracting critical supply chains driving air pollution in China. <i>Journal of Cleaner Production</i> , 2020 , 276, 124282	10.3	8
34	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> , 2020 , 160, 104864	11.9	10
33	Regional integrative benefits of converting livestock excrements to energy in China: An elaborative assessment from life cycle perspective. <i>Journal of Cleaner Production</i> , 2020 , 275, 122470	10.3	6
32	Seeking spatiotemporal patterns and driving mechanism of atmospheric pollutant emissions from road transportation in china. <i>Resources, Conservation and Recycling</i> , 2020 , 162, 105032	11.9	8

31	Holistic suitability for regional biomass power generation development in China: An application of matter-element extension model. <i>Journal of Environmental Management</i> , 2020 , 276, 111294	7.9	3
30	Allocation of pollutant emission permits at industrial level: Application of a bidirectional-coupling optimization model. <i>Journal of Cleaner Production</i> , 2020 , 242, 118489	10.3	4
29	Exploring Potential Pathways toward Energy-Related Carbon Emission Reduction in Heavy Industrial Regions of China: An Input-Output Approach. <i>Sustainability</i> , 2020 , 12, 2148	3.6	4
28	Insights into variations and determinants of water pollutant discharge in Jilin, China: Investigations from multiple perspectives. <i>Journal of Cleaner Production</i> , 2019 , 241, 118386	10.3	4
27	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> , 2019 , 211, 749-764	10.3	13
26	Assessment of the carbon emissions reduction potential of China's iron and steel industry based on a simulation analysis. <i>Energy</i> , 2019 , 183, 279-290	7.9	31
25	Revealing the nexus among energy-economy system with Haken model: Evidence from China's Beijing-Tianjin-Hebei region. <i>Journal of Cleaner Production</i> , 2019 , 228, 319-330	10.3	10
24	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> , 2019 , 11, 407	3.6	11
23	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> , 2019 , 222, 722-732	10.3	18
22	Highlighting Regional Energy-Economic-Environmental Benefits of Agricultural Bioresources Utilization: An Integrated Model from Life Cycle Perspective. <i>Sustainability</i> , 2019 , 11, 3743	3.6	3
21	Depicting Flows of Embodied Water Pollutant Discharge within Production System: Case of an Undeveloped Region. <i>Sustainability</i> , 2019 , 11, 3774	3.6	3
20	Will China peak its energy-related carbon emissions by 2030? Lessons from 30 Chinese provinces. <i>Applied Energy</i> , 2019 , 255, 113852	10.7	73
19	Carbon Emissions Peak Prediction and the Reduction Pathway in Buildings during Operation in Jilin Province Based on LEAP. <i>Sustainability</i> , 2019 , 11, 4540	3.6	4
18	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> , 2019 , 151, 104447	11.9	11
17	Indirect carbon emissions of urban households in China: Patterns, determinants and inequality. <i>Journal of Cleaner Production</i> , 2019 , 241, 118335	10.3	33
16	Uncovering Variations, Determinants, and Disparities of Multisector-Level Final Energy Use of Industries Across Cities. <i>Sustainability</i> , 2019 , 11, 1806	3.6	1
15	Energy conversion of urban wastes in China: Insights into potentials and disparities of regional energy and environmental benefits. <i>Energy Conversion and Management</i> , 2019 , 198, 111897	10.6	11
14	Why Are the Carbon Footprints of China's Urban Households Rising? An Input-Output Analysis and Structural Decomposition Analysis. <i>Sustainability</i> , 2019 , 11, 7157	3.6	5

13	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> , 2019 , 11, 6031-6037	3.6	0
12	Low-carbon developments in Northeast China: Evidence from cities. <i>Applied Energy</i> , 2019 , 236, 1019-1030	3.7	35
11	Selecting sustainable energy conversion technologies for agricultural residues: A fuzzy AHP-VIKOR based prioritization from life cycle perspective. <i>Resources, Conservation and Recycling</i> , 2019 , 142, 78-87	11.9	83
10	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> , 2018 , 178, 688-702	10.3	48
9	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> , 2018 , 189, 922-932	10.3	15
8	Integrated assessment of straw utilization for energy production from views of regional energy, environmental and socioeconomic benefits. <i>Journal of Cleaner Production</i> , 2018 , 190, 787-798	10.3	26
7	Discovering the energy, economic and environmental potentials of urban wastes: An input-output model for a metropolis case. <i>Energy Conversion and Management</i> , 2016 , 114, 168-179	10.6	31
6	The footprint-fingerprint: on the classification of the footprint family. <i>Current Opinion in Environmental Sustainability</i> , 2016 , 23, 54-62	7.2	40
5	Modeling the development and utilization of bioenergy and exploring the environmental economic benefits. <i>Energy Conversion and Management</i> , 2015 , 103, 836-846	10.6	22
4	Introducing renewable energy and industrial restructuring to reduce GHG emission: Application of a dynamic simulation model. <i>Energy Conversion and Management</i> , 2015 , 96, 625-636	10.6	44
3	Exploration and assessment of optimal policy combination for total water pollution control with a dynamic simulation model. <i>Journal of Cleaner Production</i> , 2015 , 102, 342-352	10.3	22
2	Dynamic integrated assessment of bioenergy technologies for energy production utilizing agricultural residues: An input-output approach. <i>Applied Energy</i> , 2015 , 158, 178-189	10.7	24
1	Quantitative Estimation of Biomass Energy and Evaluation of Biomass Utilization - A Case Study of Jilin Province, China. <i>Journal of Sustainable Development</i> , 2013 , 6,	1.3	4