

List of Publications by Year in descending order

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		34493	40945
148	10,523	54	97
papers	citations	h-index	g-index
151	151	151	5141
all docs	docs citations	times ranked	citing authors

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#	Article	IF	CITATIONS
1	The spatial impacts of air pollution and socio-economic status on public health: Empirical evidence from China. Socio-Economic Planning Sciences, 2022, 83, 101167.	2.5	65
2	Energy consumption and energy efficiency trends in Singapore: The case of a meticulously planned city. Energy Policy, 2022, 161, 112732.	4.2	15
3	Input-output analysis of embodied emissions: Impacts of imports data treatment on emission drivers. Energy Economics, 2022, 107, 105875.	5.6	31
4	China's Embodied SO2 Emissions and Aggregate Embodied SO2 Intensities in Interprovincial and International Trade. Technological Forecasting and Social Change, 2022, 177, 121546.	6.2	11
5	How does global transport sector improve the emissions reduction performance? A demand-side analysis. Applied Energy, 2022, 311, 118648.	5.1	17
6	China's environmental policy intensity for 1978–2019. Scientific Data, 2022, 9, 75.	2.4	22
7	Impact of government subsidy on the optimal R&D and advertising investment in the cooperative supply chain of new energy vehicles. Energy Policy, 2022, 164, 112885.	4.2	27
8	Analysis of Shanxi Province's energy consumption and intensity using input-output framework (2002–2017). Energy, 2022, 250, 123786.	4.5	22
9	Factor decomposition for global and national aggregate energy intensity change during 2000–2014. Energy, 2022, 254, 124347.	4.5	9
10	Policies toward net-zero: Benchmarking the economic competitiveness of nuclear against wind and solar energy. Applied Energy, 2022, 320, 119275.	5.1	17
11	Economics of marinised offshore charging stations for electrifying the maritime sector. Applied Energy, 2022, 322, 119389.	5.1	3
12	Impact of Resource-Based Economic Transformation Policy on Sulfur Dioxide Emissions: A Case Study of Shanxi Province. Sustainability, 2022, 14, 8253.	1.6	2
13	The volatility spillover effect of the European Union (EU) carbon financial market. Journal of Cleaner Production, 2021, 282, 124394.	4.6	54
14	Coordination of tradable carbon emission permits market and renewable electricity certificates market in China. Energy Economics, 2021, 93, 105038.	5.6	52
15	Literature review on renewable energy development and China's roadmap. Frontiers of Engineering Management, 2021, 8, 212-222.	3.3	33
16	Are global value chains merely global? The case of Chinese Provinces in global value chains. Applied Economics, 2021, 53, 3778-3794.	1.2	5
17	Meta-frontier-based assessment on carbon emission performance considering different mitigation strategies: Evidence from China's manufacturing sectors. Journal of Cleaner Production, 2021, 289, 125662.	4.6	5
18	Assessing the effects of labor market dynamics on CO2 emissions in global value chains. Science of the Total Environment, 2021, 768, 144486.	3.9	18

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19	Multiâ€Region Multiâ€Sector Contributions to Drivers of Air Pollution in China. Earth's Future, 2021, 9, e2021EF002012.	2.4	14
20	A life cycle analysis techno-economic assessment framework for evaluating future technology pathways – The residential air-conditioning example. Applied Energy, 2021, 291, 116750.	5.1	9
21	Driving factors of changes in international maritime energy consumption: Microdata evidence 2014–2017. Energy Policy, 2021, 154, 112288.	4.2	6
22	The price-bidding strategy for investors in a renewable auction: An option games–based study. Energy Economics, 2021, 100, 105331.	5.6	8
23	Multi-region input-output analysis of embodied emissions and intensities: Spatial aggregation by linking regional and global datasets. Journal of Cleaner Production, 2021, 313, 127894.	4.6	37
24	Effect of population migration on spatial carbon emission transfers in China. Energy Policy, 2021, 156, 112450.	4.2	54
25	Nexus between household energy consumption and economic growth in Bangladesh (1975–2018). Energy Policy, 2021, 156, 112420.	4.2	16
26	Investigating ASEAN's Participation in Global Value Chains: Production Fragmentation and Regional Integration. Asian Development Review, 2021, 38, 159-188.	0.8	1
27	The sectorally heterogeneous and time-varying price elasticities of energy demand in China. Energy Economics, 2021, 102, 105486.	5.6	1
28	Structural breakpoints in the relationship between outward foreign direct investment and green innovation: An empirical study in China. Energy Economics, 2021, 103, 105578.	5.6	30
29	Analysis and forecast of China's energy consumption structure. Energy Policy, 2021, 159, 112630.	4.2	72
30	Electrifying light-duty passenger transport for CO <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e3293" altimg="si366.svg"><mml:msub><mml:mrow /><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:mrow </mml:msub> emissions reduction: A</mml:math 	5.6	11
31	stochastic-robust input–output linear programming model. Energy Economics, 2021, 104, 105623. Environmental regulation, economic development and air pollution in the cities of China: Spatial econometric analysis based on policy scoring and satellite data. Journal of Cleaner Production, 2021, 328, 129496.	4.6	44
32	Using the Tapio-Z decoupling model to evaluate the decoupling status of China's CO2 emissions at provincial level and its dynamic trend. Structural Change and Economic Dynamics, 2020, 52, 120-129.	2.1	87
33	Carbon congestion effects in China's industry: Evidence from provincial and sectoral levels. Energy Economics, 2020, 86, 104635.	5.6	43
34	Optimizing the Chinese Electricity Mix for CO ₂ Emission Reduction: An Input–Output Linear Programming Model with Endogenous Capital. Environmental Science & Technology, 2020, 54, 697-706.	4.6	30
35	Exploring the effect of carbon trading mechanism on China's green development efficiency: A novel integrated approach. Energy Economics, 2020, 85, 104601.	5.6	135
36	China's aggregate embodied CO2 emission intensity from 2007 to 2012: A multi-region multiplicative structural decomposition analysis. Energy Economics, 2020, 85, 104568.	5.6	68

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37	Who shapes China's carbon intensity and how? A demand-side decomposition analysis. Energy Economics, 2020, 85, 104600.	5.6	74
38	Ship Emission Mitigation Strategies Choice Under Uncertainty. Energies, 2020, 13, 2213.	1.6	4
39	Demand contributors and driving factors of Singapore's aggregate carbon intensities. Energy Policy, 2020, 146, 111817.	4.2	31
40	Embodied energy and intensity in China's (normal and processing) exports and their driving forces, 2005-2015. Energy Economics, 2020, 91, 104911.	5.6	37
41	A multi-dimensional analysis on microeconomic factors of China's industrial energy intensity (2000–2017). Energy Policy, 2020, 147, 111836.	4.2	28
42	Structural path and decomposition analysis of aggregate embodied energy intensities in China, 2012-2017. Journal of Cleaner Production, 2020, 276, 124185.	4.6	29
43	Using a new two-dimensional decoupling model to evaluate the decoupling state of global energy footprint. Sustainable Cities and Society, 2020, 63, 102461.	5.1	24
44	The drivers of export value-added in China's provinces: a multi-regional input–output model. Applied Economics, 2020, 52, 6199-6214.	1.2	9
45	A social network analysis regarding electricity consumption and economic growth in China. Journal of Cleaner Production, 2020, 274, 122973.	4.6	17
46	Research on a single policy or policy mix in carbon emissions reduction. Journal of Cleaner Production, 2020, 267, 122030.	4.6	34
47	Spatial differences in energy performance among four municipalities of China: From both the aggregate and final demand perspectives. Energy, 2020, 204, 117915.	4.5	15
48	Life cycle energy, emissions and cost evaluation of CO2 air source heat pump system to replace traditional heating methods for residential heating in China: System configurations. Energy Conversion and Management, 2020, 218, 112954.	4.4	60
49	Spatial Heterogeneity Influences of Environmental Control and Informal Regulation on Air Pollutant Emissions in China. International Journal of Environmental Research and Public Health, 2020, 17, 4857.	1.2	24
50	Optimal way to achieve renewable portfolio standard policy goals from the electricity generation, transmission, and trading perspectives in southern China. Energy Policy, 2020, 139, 111319.	4.2	32
51	Optimizing electricity mix for CO2 emissions reduction: A robust input-output linear programming model. European Journal of Operational Research, 2020, 287, 280-292.	3.5	26
52	What drive the changes in China's energy consumption and intensity during 12th Five-Year Plan period?. Energy Policy, 2020, 140, 111383.	4.2	78
53	Structural path and decomposition analysis of aggregate embodied energy and emission intensities. Energy Economics, 2019, 83, 345-360.	5.6	98
54	A feasibility study on integrating large-scale battery energy storage systems with combined cycle power generation – Setting the bottom line. Energy, 2019, 185, 396-408.	4.5	14

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55	Impacts of international export on global and regional carbon intensity. Applied Energy, 2019, 253, 113552.	5.1	41
56	Evaluation of cost-effective building retrofit strategies through soft-linking a metamodel-based Bayesian method and a life cycle cost assessment method. Applied Energy, 2019, 253, 113573.	5.1	22
57	Energy, CO2 emissions, and value added flows embodied in the international trade of the BRICS group: A comprehensive assessment. Renewable and Sustainable Energy Reviews, 2019, 116, 109432.	8.2	68
58	Cost-effectiveness analysis of energy efficiency measures for maritime shipping using a metamodel based approach with different data sources. Energy, 2019, 189, 116205.	4.5	9
59	Energy-economic resilience with multi-region input–output linear programming models. Energy Economics, 2019, 84, 104569.	5.6	24
60	Life cycle cost-benefit analysis of refrigerant replacement based on experience from a supermarket project. Energy, 2019, 187, 115918.	4.5	21
61	Index decomposition and attribution analysis of aggregate energy intensity in Shanxi Province (2000–2015). Journal of Cleaner Production, 2019, 238, 117897.	4.6	30
62	Industrial SO2 emissions treatment in China: A temporal-spatial whole process decomposition analysis. Journal of Environmental Management, 2019, 243, 419-434.	3.8	69
63	How information and communication technology drives carbon emissions: A sector-level analysis for China. Energy Economics, 2019, 81, 380-392.	5.6	206
64	Environmental efficiency and equality embodied in China's inter-regional trade. Science of the Total Environment, 2019, 672, 150-161.	3.9	32
65	The Impact of Social Awareness and Lifestyles on Household Carbon Emissions in China. Ecological Economics, 2019, 160, 145-155.	2.9	168
66	Optimization of electricity generation and interprovincial trading strategies in Southern China. Energy, 2019, 174, 696-707.	4.5	29
67	Decomposition analysis of China's CO2 emissions (2000–2016) and scenario analysis of its carbon intensity targets in 2020 and 2030. Science of the Total Environment, 2019, 668, 432-442.	3.9	128
68	A multi-region multi-sector decomposition and attribution analysis of aggregate carbon intensity in China from 2000 to 2015. Energy Policy, 2019, 129, 410-421.	4.2	32
69	Carbon Sequestration Total Factor Productivity Growth and Decomposition: A Case of the Yangtze River Economic Belt of China. Sustainability, 2019, 11, 6809.	1.6	6
70	Life cycle cost-benefit analysis of offshore wind energy under the climatic conditions in Southeast Asia – Setting the bottom-line for deployment. Applied Energy, 2019, 233-234, 1003-1014.	5.1	40
71	Analysis of electricity consumption in China (1990–2016) using index decomposition and decoupling approach. Journal of Cleaner Production, 2019, 209, 224-235.	4.6	95
72	The process of peak CO2 emissions in developed economies: A perspective of industrialization and urbanization. Resources, Conservation and Recycling, 2019, 141, 61-75.	5.3	229

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73	Rank reversal issues in DEA models for China's regional energy efficiency assessment. Energy Efficiency, 2019, 12, 993-1006.	1.3	20
74	China's SO2 shadow prices and environmental technical efficiency at the province level. International Review of Economics and Finance, 2018, 57, 86-102.	2.2	44
75	Interprovincial transfer of embodied primary energy in China: A complex network approach. Applied Energy, 2018, 215, 792-807.	5.1	104
76	Can land urbanization help to achieve CO2 intensity reduction target or hinder it? Evidence from China. Resources, Conservation and Recycling, 2018, 134, 206-215.	5.3	55
77	Energy efficiency convergence across countries in the context of China's Belt and Road initiative. Applied Energy, 2018, 213, 112-122.	5.1	150
78	Contributions to sector-level carbon intensity change: An integrated decomposition analysis. Energy Economics, 2018, 70, 12-25.	5.6	154
79	Drivers of stagnating global carbon intensity of electricity and the way forward. Energy Policy, 2018, 113, 149-156.	4.2	76
80	Investment efficiency of the new energy industry in China. Energy Economics, 2018, 70, 536-544.	5.6	117
81	How Do Verified Emissions Announcements Affect the Comoves between Trading Behaviors and Carbon Prices? Evidence from EU ETS. Sustainability, 2018, 10, 3255.	1.6	14
82	Ship Energy Consumption Prediction with Gaussian Process Metamodel. Energy Procedia, 2018, 152, 655-660.	1.8	45
83	Input-output and structural decomposition analysis of India's carbon emissions and intensity, 2007/08 – 2013/14. Applied Energy, 2018, 230, 1545-1556.	5.1	133
84	Structural path analysis of India's carbon emissions using input-output and social accounting matrix frameworks. Energy Economics, 2018, 76, 457-469.	5.6	61
85	Assessment of carbon leakage by channels: An approach combining CGE model and decomposition analysis. Energy Economics, 2018, 74, 535-545.	5.6	46
86	Life Cycle Analysis of Integrated Gasification Combined Cycle Power Generation in the Context of Southeast Asia. Energies, 2018, 11, 1587.	1.6	4
87	Multiplicative structural decomposition and attribution analysis of carbon emission intensity in China, 2002–2012. Journal of Cleaner Production, 2018, 198, 195-207.	4.6	71
88	Re-analyzing the economic impact of a global bunker emissions charge. Energy Economics, 2018, 74, 107-119.	5.6	12
89	Multiplicative structural decomposition analysis of energy and emission intensities: Some methodological issues. Energy, 2017, 123, 47-63.	4.5	84
90	Does energy-price regulation benefit China's economy and environment? Evidence from energy-price distortions. Energy Policy, 2017, 105, 108-119.	4.2	86

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91	Multiplicative structural decomposition analysis of aggregate embodied energy and emission intensities. Energy Economics, 2017, 65, 137-147.	5.6	219
92	Assessing drivers of economy-wide energy use and emissions: IDA versus SDA. Energy Policy, 2017, 107, 585-599.	4.2	273
93	Input-output and structural decomposition analysis of Singapore's carbon emissions. Energy Policy, 2017, 105, 484-492.	4.2	201
94	The prospects of small modular reactors in Southeast Asia. Progress in Nuclear Energy, 2017, 98, 131-142.	1.3	23
95	Embodied carbon in China's foreign trade: An online SCI-E and SSCI based literature review. Renewable and Sustainable Energy Reviews, 2017, 68, 492-510.	8.2	61
96	Energy rebound effect in China's Industry: An aggregate and disaggregate analysis. Energy Economics, 2017, 61, 199-208.	5.6	90
97	A method for analysis of maritime transportation systems in the life cycle approach – The oil tanker example. Applied Energy, 2017, 206, 1579-1589.	5.1	23
98	A simultaneous calibration and parameter ranking method for building energy models. Applied Energy, 2017, 206, 657-666.	5.1	52
99	Energy-economic recovery resilience with Input-Output linear programming models. Energy Economics, 2017, 68, 177-191.	5.6	43
100	The impacts of carbon pricing on coastal megacities: A CGE analysis of Singapore. Journal of Cleaner Production, 2017, 165, 1239-1248.	4.6	40
101	Economic, social and environmental impacts of fuel subsidies: A revisit of Malaysia. Energy Policy, 2017, 110, 51-61.	4.2	64
102	A Multi-region Structural Decomposition Analysis of Global CO 2 Emission Intensity. Ecological Economics, 2017, 142, 163-176.	2.9	127
103	A Meta Model Based Bayesian Approach for Building Energy Models Calibration. Energy Procedia, 2017, 143, 161-166.	1.8	15
104	Tracking Multilayer Energy Flows Embodied in China's Interregional Trade: An Input-Output Network Analysis. Energy Procedia, 2017, 143, 367-374.	1.8	4
105	Research on Investment Efficiency and Policy Recommendations for the Culture Industry of China Based on a Three-Stage DEA. Sustainability, 2016, 8, 324.	1.6	40
106	Measuring total-factor CO2 emission performance and technology gaps using a non-radial directional distance function: A modified approach. Energy Economics, 2016, 56, 475-482.	5.6	108
107	Carbon emission intensity in electricity production: A global analysis. Energy Policy, 2016, 94, 56-63.	4.2	300
108	Multi-region comparisons of emission performance: The structural decomposition analysis approach. Ecological Indicators, 2016, 67, 78-87.	2.6	155

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109	Impacts of changing design considerations on the life cycle carbon emissions of solar photovoltaic systems. Applied Energy, 2016, 183, 1471-1487.	5.1	33
110	A spatial–temporal decomposition approach to performance assessment in energy and emissions. Energy Economics, 2016, 60, 112-121.	5.6	120
111	Assessing China's rural household energy sustainable development using improved grouped principal component method. Energy, 2016, 113, 509-514.	4.5	28
112	China's carbon emissions embodied in (normal and processing) exports and their driving forces, 2006–2012. Energy Economics, 2016, 59, 414-422.	5.6	149
113	Measuring China's regional energy and carbon emission efficiency with DEA models: A survey. Applied Energy, 2016, 183, 1-21.	5.1	244
114	The carbon neutrality of electricity generation from woody biomass and coal, a critical comparative evaluation. Applied Energy, 2016, 179, 1069-1080.	5.1	53
115	Macroeconomic performance of oil price shocks: Outlier evidence from nineteen major oil-related countries/regions. Energy Economics, 2016, 60, 325-332.	5.6	33
116	An incentive-oriented early warning system for predicting the co-movements between oil price shocks and macroeconomy. Applied Energy, 2016, 163, 452-463.	5.1	17
117	Analysis of interconnecting energy systems over a synchronized life cycle. Applied Energy, 2016, 165, 1024-1036.	5.1	18
118	Industrial energy conservation and emission reduction performance in China: A city-level nonparametric analysis. Applied Energy, 2016, 166, 201-209.	5.1	87
119	A review of carbon labeling: Standards, implementation, and impact. Renewable and Sustainable Energy Reviews, 2016, 53, 68-79.	8.2	145
120	Measurement and decomposition of energy-saving and emissions reduction performance in Chinese cities. Applied Energy, 2015, 151, 85-92.	5.1	155
121	Oil price crisis response: Capability assessment and key indicator identification. Energy, 2015, 93, 1353-1360.	4.5	24
122	Change impact analysis on the life cycle carbon emissions of energy systems – The nuclear example. Applied Energy, 2015, 143, 437-450.	5.1	16
123	Multiplicative decomposition of aggregate carbon intensity change using input–output analysis. Applied Energy, 2015, 154, 13-20.	5.1	233
124	Energy import resilience with input–output linear programming models. Energy Economics, 2015, 50, 215-226.	5.6	25
125	Decomposing the decoupling indicator between the economic growth and energy consumption in China. Energy Efficiency, 2015, 8, 1231-1239.	1.3	77
126	Progress in Nuclear Power Technologies and Implications for ASEAN. Energy Procedia, 2015, 75, 2852-2858.	1.8	6

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127	Long-term effect of low concentration Cr(VI) on P removal in granule-based enhanced biological phosphorus removal (EBPR) system. Chemosphere, 2015, 121, 76-83.	4.2	28
128	Multi-country comparisons of energy performance: The index decomposition analysis approach. Energy Economics, 2015, 47, 68-76.	5.6	192
129	Exploring the critical factors and appropriate polices for reducing energy consumption of China's urban civil building sector. Journal of Cleaner Production, 2015, 103, 446-454.	4.6	24
130	Nuclear Power Developments: Could Small Modular Reactor Power Plants be a "Game Changer� – The ASEAN Perspective. Energy Procedia, 2014, 61, 17-20.	1.8	13
131	Sankey diagram framework for energy and exergy flows. Applied Energy, 2014, 136, 1035-1042.	5.1	107
132	Life cycle analysis on carbon emissions from power generation – The nuclear energy example. Applied Energy, 2014, 118, 68-82.	5.1	52
133	Input–output analysis of CO2 emissions embodied in trade: A multi-region model for China. Applied Energy, 2014, 114, 377-384.	5.1	345
134	The state of nuclear power two years after Fukushima – The ASEAN perspective. Applied Energy, 2014, 136, 838-848.	5.1	29
135	Attribution of changes in the generalized Fisher index with application to embodied emission studies. Energy, 2014, 69, 778-786.	4.5	90
136	Low-carbon Transport Sectoral Development and Policy in Hong Kong and Singapore. Energy Procedia, 2014, 61, 313-317.	1.8	12
137	Input–output analysis of CO2 emissions embodied in trade: Competitive versus non-competitive imports. Energy Policy, 2013, 56, 83-87.	4.2	266
138	Input–output analysis of CO2 emissions embodied in trade and the driving forces: Processing and normal exports. Ecological Economics, 2013, 88, 119-125.	2.9	185
139	STRUCTURAL DECOMPOSITION ANALYSIS APPLIED TO ENERGY AND EMISSIONS: AGGREGATION ISSUES. Economic Systems Research, 2012, 24, 299-317.	1.2	108
140	Structural decomposition analysis applied to energy and emissions: Some methodological developments. Energy Economics, 2012, 34, 177-188.	5.6	726
141	Multi-region input–output analysis of CO2 emissions embodied in trade: The feedback effects. Ecological Economics, 2011, 71, 42-53.	2.9	195
142	Input–output analysis of CO2 emissions embodied in trade: The effects of spatial aggregation. Ecological Economics, 2010, 70, 10-18.	2.9	218
143	Input–output analysis of CO2 emissions embodied in trade: The effects of sector aggregation. Energy Economics, 2010, 32, 166-175.	5.6	375
144	A class of accelerated means regression models for recurrent event data. Lifetime Data Analysis, 2008, 14, 357-375.	0.4	20

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145	Energy Consumption and Energy Efficiency Trends in Singapore: The Case of a Meticulously Planned City. SSRN Electronic Journal, 0, , .	0.4	1
146	The Characteristics and Spatial Spillover Effects of Green Technology Innovation on Regional Energy Intensity. SSRN Electronic Journal, 0, , .	0.4	0
147	Driving factors of changes in international maritime energy consumption. SSRN Electronic Journal, O,	0.4	Ο
148	Drivers of Chinese energy use and intensity from regional and demand perspectives, 2012-2015-2017. SSRN Electronic Journal, 0, , .	0.4	0