

Linwei

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

1,675
citations

318942

23
h-index

325983

40
g-index

53
all docs

53
docs citations

53
times ranked

1761
citing authors

#	ARTICLE	IF	CITATIONS
1	Realizing ambitions: A framework for iteratively assessing and communicating national decarbonization progress. <i>IScience</i> , 2022, 25, 103695.	1.9	7
2	A Calculation and Decomposition Method Embedding Sectoral Energy Structure for Embodied Carbon: A Case Study of China's 28 Sectors. <i>Sustainability</i> , 2022, 14, 2593.	1.6	6
3	A Comprehensive Planning Method for Low-Carbon Energy Transition in Rapidly Growing Cities. <i>Sustainability</i> , 2022, 14, 2063.	1.6	2
4	A Source-Level Estimation and Uncertainty Analysis of Methane Emission in China's Oil and Natural Gas Sector. <i>Energies</i> , 2022, 15, 3684.	1.6	5
5	How to Effectively Control Energy Consumption Growth in China's 29 Provinces: A Paradigm of Multi-Regional Analysis Based on EAALMDI Method. <i>Sustainability</i> , 2021, 13, 1093.	1.6	9
6	Analysis of Changes in the Aggregate Exergy Efficiency of China's Energy System from 2005 to 2015. <i>Energies</i> , 2021, 14, 2304.	1.6	11
7	The development of regional smart energy systems in the World and China: The concepts, practices, and a new perspective. <i>Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery</i> , 2021, 11, e1409.	4.6	9
8	Using system dynamics to analyse key factors influencing China's energy-related CO ₂ emissions and emission reduction scenarios. <i>Journal of Cleaner Production</i> , 2021, 320, 128811.	4.6	52
9	Strategic Analysis of Global Energy Transition and China's Energy Revolution. <i>Strategic Study of CAE</i> , 2021, 23, 15.	0.6	4
10	A Visualization Method of the Economic Input-Output Table: Mapping Monetary Flows in the Form of Sankey Diagrams. <i>Sustainability</i> , 2021, 13, 12239.	1.6	5
11	Exergy Analysis of Coal-Based Series Polygeneration Systems for Methanol and Electricity Co-Production. <i>Molecules</i> , 2021, 26, 6673.	1.7	1
12	Low-Carbon Development for the Iron and Steel Industry in China and the World: Status Quo, Future Vision, and Key Actions. <i>Sustainability</i> , 2021, 13, 12548.	1.6	21
13	Methane Emission Estimation of Oil and Gas Sector: A Review of Measurement Technologies, Data Analysis Methods and Uncertainty Estimation. <i>Sustainability</i> , 2021, 13, 13895.	1.6	2
14	Development of smart energy towns in China: Concept and practices. <i>Renewable and Sustainable Energy Reviews</i> , 2020, 119, 109507.	8.2	19
15	A Method for Analyzing Energy-Related Carbon Emissions and the Structural Changes: A Case Study of China from 2005 to 2015. <i>Energies</i> , 2020, 13, 2076.	1.6	16
16	The driving factors of energy-related CO ₂ emission growth in Malaysia: The LMDI decomposition method based on energy allocation analysis. <i>Renewable and Sustainable Energy Reviews</i> , 2019, 115, 109356.	8.2	93
17	Forecasting the Energy Embodied in Construction Services Based on a Combination of Static and Dynamic Hybrid Input-Output Models. <i>Energies</i> , 2019, 12, 300.	1.6	5
18	Analyzing Carbon Emissions Embodied in Construction Services: A Dynamic Hybrid Input-Output Model with Structural Decomposition Analysis. <i>Energies</i> , 2019, 12, 1456.	1.6	6

#	ARTICLE	IF	CITATIONS
19	Multi-energy cooperative utilization business models: A case study of the solar-heat pump water heater. <i>Renewable and Sustainable Energy Reviews</i> , 2019, 108, 392-397.	8.2	10
20	Electric vehicle development in China: A charging behavior and power sector supply balance analysis. <i>Chemical Engineering Research and Design</i> , 2018, 131, 671-685.	2.7	10
21	A Systems Analysis of the Development Status and Trends of Rural Household Energy in China. <i>Energies</i> , 2018, 11, 1741.	1.6	10
22	LMDI Decomposition of Energy-Related CO2 Emissions Based on Energy and CO2 Allocation Sankey Diagrams: The Method and an Application to China. <i>Sustainability</i> , 2018, 10, 344.	1.6	31
23	Coordinating the Dynamic Development of Energy and Industry in Composite Regions: An I-SDOP Analysis of the BTH Region. <i>Sustainability</i> , 2018, 10, 2093.	1.6	10
24	Life cycle assessment and economic evaluation of pellet fuel from corn straw in China: A case study in Jilin Province. <i>Energy</i> , 2017, 130, 373-381.	4.5	45
25	LMDI decomposition of energy consumption in Guangdong Province, China, based on an energy allocation diagram. <i>Energy</i> , 2017, 133, 525-544.	4.5	93
26	A long-term multi-region load-dispatch model based on grid structures for the optimal planning of China's power sector. <i>Computers and Chemical Engineering</i> , 2017, 102, 52-63.	2.0	24
27	An Economic and Policy Analysis of a District Heating System Using Corn Straw Densified Fuel: A Case Study in Nong'an County in Jilin Province, China. <i>Energies</i> , 2017, 10, 8.	1.6	10
28	A multi-regional modelling and optimization approach to China's power generation and transmission planning. <i>Energy</i> , 2016, 116, 1348-1359.	4.5	63
29	A system analysis of the development strategy of iron ore in China. <i>Resources Policy</i> , 2016, 48, 32-40.	4.2	35
30	Effects of Low-Carbon Technologies and End-Use Electrification on Energy-Related Greenhouse Gases Mitigation in China by 2050. <i>Energies</i> , 2015, 8, 7161-7184.	1.6	18
31	Logarithmic mean Divisia index (LMDI) decomposition of coal consumption in China based on the energy allocation diagram of coal flows. <i>Energy</i> , 2015, 85, 366-378.	4.5	97
32	Oil-saving pathways until 2030 for road freight transportation in China based on a cost-optimization model. <i>Energy</i> , 2015, 86, 369-384.	4.5	23
33	The Use of Energy in Malaysia: Tracing Energy Flows from Primary Source to End Use. <i>Energies</i> , 2015, 8, 2828-2866.	1.6	64
34	China's regional disparities in energy consumption: An input-output analysis. <i>Energy</i> , 2014, 78, 426-438.	4.5	57
35	The impact of system configuration on material utilization in the coal-based polygeneration of methanol and electricity. <i>Energy</i> , 2014, 75, 136-145.	4.5	13
36	The implications of China's investment-driven economy on its energy consumption and carbon emissions. <i>Energy Conversion and Management</i> , 2014, 85, 573-580.	4.4	54

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37	The development of natural gas as an automotive fuel in China. <i>Energy Policy</i> , 2013, 62, 531-539.	4.2	51
38	Life-cycle GHG emission Factors of Final Energy in China. <i>Energy Procedia</i> , 2013, 37, 2848-2855.	1.8	8
39	Efficiency of wet feed IGCC (integrated gasification combined cycle) systems with coal-water slurry preheating vaporization technology. <i>Energy</i> , 2013, 51, 137-145.	4.5	31
40	A simplified method to estimate the energy-saving potentials of frequent construction and demolition process in China. <i>Energy</i> , 2013, 49, 316-322.	4.5	29
41	A process-based model for estimating the well-to-tank cost of gasoline and diesel in China. <i>Applied Energy</i> , 2013, 102, 718-725.	5.1	15
42	Comparison and Analysis of Macro Energy Scenarios in China and a Decomposition-Based Approach to Quantifying the Impacts of Economic and Social Development. <i>Energies</i> , 2013, 6, 3444-3465.	1.6	6
43	A supply chain based assessment of water issues in the coal industry in China. <i>Energy Policy</i> , 2012, 48, 93-102.	4.2	122
44	The development of low-carbon towns in China: Concepts and practices. <i>Energy</i> , 2012, 47, 590-599.	4.5	42
45	The Future Demand of Transportation in China: 2030 Scenario based on a Hybrid Model. <i>Procedia, Social and Behavioral Sciences</i> , 2012, 54, 428-437.	0.5	9
46	The use of energy in China: Tracing the flow of energy from primary source to demand drivers. <i>Energy</i> , 2012, 40, 174-188.	4.5	67
47	A multi-period superstructure optimisation model for the optimal planning of China's power sector considering carbon dioxide mitigation. <i>Energy Policy</i> , 2012, 41, 173-183.	4.2	35
48	Oil development in China: Current status and future trends. <i>Energy Policy</i> , 2012, 45, 43-53.	4.2	51
49	The necessity of and policy suggestions for implementing a limited number of large scale, fully integrated CCS demonstrations in China. <i>Energy Policy</i> , 2011, 39, 5347-5355.	4.2	36
50	Integrated energy strategy for the sustainable development of China. <i>Energy</i> , 2011, 36, 1143-1154.	4.5	105
51	Modeling China's energy dilemma: conflicts among energy saving, energy security, and CO2 mitigation. <i>Frontiers of Energy and Power Engineering in China</i> , 2010, 4, 295-300.	0.4	8
52	Alternative energy development strategies for China towards 2030. <i>Frontiers of Energy and Power Engineering in China</i> , 2009, 3, 2-10.	0.4	20
53	Strategic thinking on IGCC development in China. <i>Energy Policy</i> , 2008, 36, 1-11.	4.2	100