

Xiucheng Dong

List of Publications by Year in descending order

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68
papers

3,158
citations

185998

28
h-index

168136

53
g-index

68
all docs

68
docs citations

68
times ranked

1686
citing authors

#	ARTICLE	IF	CITATIONS
1	How renewable energy consumption lower global CO ₂ emissions? Evidence from countries with different income levels. <i>World Economy</i> , 2020, 43, 1665-1698.	1.4	293
2	CO ₂ emissions, natural gas and renewables, economic growth: Assessing the evidence from China. <i>Science of the Total Environment</i> , 2018, 640-641, 293-302.	3.9	276
3	How does technological innovation mitigate CO ₂ emissions in OECD countries? Heterogeneous analysis using panel quantile regression. <i>Journal of Environmental Management</i> , 2021, 280, 111818.	3.8	256
4	How does industrial structure adjustment reduce CO ₂ emissions? Spatial and mediation effects analysis for China. <i>Energy Economics</i> , 2022, 105, 105704.	5.6	212
5	Would environmental regulation improve the greenhouse gas benefits of natural gas use? A Chinese case study. <i>Energy Economics</i> , 2020, 87, 104712.	5.6	152
6	Forecasting the growth of China's natural gas consumption. <i>Energy</i> , 2011, 36, 1380-1385.	4.5	136
7	How financial inclusion affects the collaborative reduction of pollutant and carbon emissions: The case of China. <i>Energy Economics</i> , 2022, 107, 105847.	5.6	129
8	Determinants of the global and regional CO ₂ emissions: What causes what and where?. <i>Applied Economics</i> , 2019, 51, 5031-5044.	1.2	127
9	What is the probability of achieving the carbon dioxide emission targets of the Paris Agreement? Evidence from the top ten emitters. <i>Science of the Total Environment</i> , 2018, 622-623, 1294-1303.	3.9	105
10	Driving forces and mitigation potential of global CO ₂ emissions from 1980 through 2030: Evidence from countries with different income levels. <i>Science of the Total Environment</i> , 2019, 649, 335-343.	3.9	100
11	Can expanding natural gas infrastructure mitigate CO ₂ emissions? Analysis of heterogeneous and mediation effects for China. <i>Energy Economics</i> , 2020, 90, 104830.	5.6	80
12	The reform of the natural gas industry in the PR of China. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 73, 582-593.	8.2	79
13	Natural gas consumption of urban households in China and corresponding influencing factors. <i>Energy Policy</i> , 2018, 122, 17-26.	4.2	76
14	How renewable energy reduces CO ₂ emissions? Decoupling and decomposition analysis for 25 countries along the Belt and Road. <i>Applied Economics</i> , 2021, 53, 4597-4613.	1.2	70
15	Has China's coal consumption actually reached its peak? National and regional analysis considering cross-sectional dependence and heterogeneity. <i>Energy Economics</i> , 2019, 84, 104509.	5.6	65
16	Decoupling and decomposition analysis of investments and CO ₂ emissions in information and communication technology sector. <i>Applied Energy</i> , 2021, 302, 117618.	5.1	64
17	Assessing energy resilience and its greenhouse effect: A global perspective. <i>Energy Economics</i> , 2021, 104, 105659.	5.6	64
18	Quantifying the impacts of energy inequality on carbon emissions in China: A household-level analysis. <i>Energy Economics</i> , 2021, 102, 105502.	5.6	54

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19	Does national air quality monitoring reduce local air pollution? The case of PM2.5 for China. <i>Journal of Environmental Management</i> , 2021, 296, 113232.	3.8	53
20	What drives China's natural gas consumption? Analysis of national and regional estimates. <i>Energy Economics</i> , 2020, 87, 104744.	5.6	51
21	Estimation of China's production efficiency of natural gas hydrates in the South China Sea. <i>Journal of Cleaner Production</i> , 2018, 203, 1-12.	4.6	45
22	How does producer services' agglomeration promote carbon reduction?: The case of China. <i>Economic Modelling</i> , 2021, 104, 105624.	1.8	38
23	Coal-based synthetic natural gas vs. imported natural gas in China: a net energy perspective. <i>Journal of Cleaner Production</i> , 2016, 131, 690-701.	4.6	37
24	Natural gas trade network of countries and regions along the belt and road: Where to go in the future?. <i>Resources Policy</i> , 2021, 71, 101981.	4.2	36
25	Research on the carbon emission effect of the seven regions along the Belt and Road"based on the spillover and feedback effects model. <i>Journal of Cleaner Production</i> , 2021, 319, 128758.	4.6	35
26	The situation analysis of shale gas development in China-based on Structural Equation Modeling. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 67, 1300-1307.	8.2	32
27	Assessment of import risks for natural gas and its implication for optimal importing strategies: A case study of China. <i>Energy Policy</i> , 2019, 127, 11-18.	4.2	32
28	The impact of China's natural gas import risks on the national economy. <i>Journal of Natural Gas Science and Engineering</i> , 2016, 36, 97-107.	2.1	29
29	Decomposition of the US CO2 emissions and its mitigation potential: An aggregate and sectoral analysis. <i>Energy Policy</i> , 2020, 147, 111925.	4.2	27
30	EROI Analysis for Direct Coal Liquefaction without and with CCS: The Case of the Shenhua DCL Project in China. <i>Energies</i> , 2015, 8, 786-807.	1.6	26
31	Valuing the greenhouse effect of political risks: the global case. <i>Applied Economics</i> , 2021, 53, 3604-3618.	1.2	25
32	The Status, Obstacles and Policy Recommendations of Shale Gas Development in China. <i>Sustainability</i> , 2015, 7, 2353-2372.	1.6	24
33	Design of artificial neural networks using a genetic algorithm to predict saturates of vacuum gas oil. <i>Petroleum Science</i> , 2010, 7, 118-122.	2.4	23
34	Can agglomeration of producer services reduce urban-rural income inequality? The case of China. <i>Australian Economic Papers</i> , 2021, 60, 736-762.	1.2	22
35	Sustainability Assessment of the Natural Gas Industry in China Using Principal Component Analysis. <i>Sustainability</i> , 2015, 7, 6102-6118.	1.6	21
36	Forecasting the development of China's coal-to-liquid industry under security, economic and environmental constraints. <i>Energy Economics</i> , 2019, 80, 253-266.	5.6	20

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37	How did the price and income elasticities of natural gas demand in China evolve from 1999 to 2015? The role of natural gas price reform. <i>Petroleum Science</i> , 2019, 16, 685-700.	2.4	17
38	The role of China in the East Asian natural gas premium. <i>Energy Strategy Reviews</i> , 2021, 33, 100610.	3.3	17
39	Predicting saturates of sour vacuum gas oil using artificial neural networks and genetic algorithms. <i>Expert Systems With Applications</i> , 2010, 37, 4768-4771.	4.4	16
40	The net energy impact of substituting imported oil with coal-to-liquid in China. <i>Journal of Cleaner Production</i> , 2018, 198, 80-90.	4.6	16
41	Impact assessment of agriculture, energy and water on CO ₂ emissions in China: untangling the differences between major and non-major grain-producing areas. <i>Applied Economics</i> , 2020, 52, 6482-6497.	1.2	16
42	Assessing Embodied Carbon Emission and Its Intensities in the ICT Industry: The Global Case. <i>Frontiers in Energy Research</i> , 2021, 9, .	1.2	14
43	Seasonal Imbalances in Natural Gas Imports in Major Northeast Asian Countries: Variations, Reasons, Outlooks and Countermeasures. <i>Sustainability</i> , 2015, 7, 1690-1711.	1.6	12
44	Using BP Neural Networks to Prioritize Risk Management Approaches for China's Unconventional Shale Gas Industry. <i>Sustainability</i> , 2017, 9, 979.	1.6	12
45	Re-evaluation of energy return on investment (EROI) for China's natural gas imports using an integrative approach. <i>Energy Strategy Reviews</i> , 2018, 22, 179-187.	3.3	12
46	Do pollutant discharge fees affect labor demand? evidence from china's industrial enterprises. <i>Applied Economics</i> , 2022, 54, 170-188.	1.2	12
47	Factors Influencing Public Concern about Environmental Protection: An Analysis from China. <i>Discrete Dynamics in Nature and Society</i> , 2019, 2019, 1-10.	0.5	10
48	How Does Trade Openness Affect Carbon Emission? New International Evidence. <i>Journal of Environmental Assessment Policy and Management</i> , 2020, 22, .	4.3	9
49	Is China's green growth possible? The roles of green trade and green energy. <i>Economic Research-Ekonomiska Istrazivanja</i> , 2022, 35, 7084-7108.	2.6	8
50	How does the internet economy affect CO ₂ emissions? Evidence from China. <i>Applied Economics</i> , 2023, 55, 447-466.	1.2	8
51	The Development Situation Analysis and Outlook of the Chinese Shale Gas Industry. <i>Energy Procedia</i> , 2015, 75, 2671-2676.	1.8	7
52	Research on the construction of a natural gas price index in China. <i>Energy Strategy Reviews</i> , 2020, 30, 100521.	3.3	7
53	Spatial effects of dynamic comprehensive energy efficiency on CO ₂ reduction in China. <i>Energy Policy</i> , 2022, 166, 113024.	4.2	7
54	Analytical Approach to Quantitative Country Risk Assessment for the Belt and Road Initiative. <i>Sustainability</i> , 2021, 13, 423.	1.6	6

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55	Prospect of China's synthetic natural gas from coal gasification technology under consideration of economic, environmental, and security factors. <i>Clean Technologies and Environmental Policy</i> , 2021, 23, 1821-1835.	2.1	6
56	How natural disasters affect carbon emissions: the global case. <i>Natural Hazards</i> , 2022, 113, 1875-1901.	1.6	6
57	Is Financial Risk A Stumbling Block to the Development of Digital Economy? A Global Case. <i>Emerging Markets Finance and Trade</i> , 2022, 58, 4261-4270.	1.7	6
58	The application of resources consumption accounting in an enterprise. , 2011, , .		5
59	Predicting China's Energy Consumption Using Artificial Neural Networks and Genetic Algorithms. , 2009, , .		4
60	Multi-fractal Analysis of World Crude Oil Prices. , 2009, , .		3
61	Does the local electricity price affect labor demand? Evidence from China's industrial enterprises. <i>Environment, Development and Sustainability</i> , 0, , 1.	2.7	3
62	Green efficiency of natural gas and driving factors analysis: the role of the natural gas price in China. <i>Energy Efficiency</i> , 2022, 15, .	1.3	3
63	Analysis of Energy Return on Investment of China's Oil and Gas Production. <i>IOP Conference Series: Earth and Environmental Science</i> , 2018, 146, 012045.	0.2	1
64	Focus on the Development of Shale Gas Industrial Clusters in China --- Based on SWOT Analysis. <i>Open Petroleum Engineering Journal</i> , 2014, 7, 142-148.	0.6	1
65	Modeling and Optimizing the Midstream of China's Natural Gas Industry. <i>Journal of Applied Sciences</i> , 2013, 13, 5539-5543.	0.1	0
66	Optimization research on natural gas industrial chain in China. , 2014, , .		0
67	Security of Chinese natural gas industry in the low-carbon era. <i>WIT Transactions on Information and Communication Technologies</i> , 2014, , .	0.0	0
68	Analyzing the Factors that Influence Development of Chinese Mobile Third-party Payment Platform: the Customers Perspective. <i>Applied Mathematics and Information Sciences</i> , 2016, 10, 729-737.	0.7	0