

Chao Feng

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.

78
papers

2,508
citations

32
h-index

49
g-index

81
ext. papers

3,444
ext. citations

7.9
avg, IF

6.68
L-index

#	Paper	IF	Citations
78	Decomposition of energy-related CO ₂ emissions in China: An empirical analysis based on provincial panel data of three sectors. <i>Applied Energy</i> , 2017 , 190, 772-787	10.7	166
77	A performance evaluation of the energy, environmental, and economic efficiency and productivity in China: An application of global data envelopment analysis. <i>Applied Energy</i> , 2015 , 147, 617-626	10.7	127
76	An empirical analysis of China's energy efficiency from both static and dynamic perspectives. <i>Energy</i> , 2014 , 74, 322-330	7.9	108
75	Sources of production inefficiency and productivity growth in China: A global data envelopment analysis. <i>Energy Economics</i> , 2015 , 49, 380-389	8.3	107
74	Analysis of energy efficiency and energy savings potential in China's provincial industrial sectors. <i>Journal of Cleaner Production</i> , 2017 , 164, 1531-1541	10.3	107
73	Evaluating the eco-efficiency of China's industrial sectors: A two-stage network data envelopment analysis. <i>Journal of Environmental Management</i> , 2019 , 247, 551-560	7.9	95
72	Green development performance and its influencing factors: A global perspective. <i>Journal of Cleaner Production</i> , 2017 , 144, 323-333	10.3	90
71	The impact of environmental regulation on fossil energy consumption in China: Direct and indirect effects. <i>Journal of Cleaner Production</i> , 2017 , 142, 3174-3183	10.3	85
70	Analysis of green total-factor productivity in China's regional metal industry: A meta-frontier approach. <i>Resources Policy</i> , 2018 , 58, 219-229	7.2	82
69	Green total factor productivity of China's mining and quarrying industry: A global data envelopment analysis. <i>Resources Policy</i> , 2018 , 57, 1-9	7.2	80
68	Decomposing the change in energy consumption in China's nonferrous metal industry: An empirical analysis based on the LMDI method. <i>Renewable and Sustainable Energy Reviews</i> , 2018 , 82, 2652-2663	16.2	72
67	Using an extended logarithmic mean Divisia index approach to assess the roles of economic factors on industrial CO ₂ emissions of China. <i>Energy Economics</i> , 2018 , 76, 101-114	8.3	69
66	The approach to realizing the potential of emissions reduction in China: An implication from data envelopment analysis. <i>Renewable and Sustainable Energy Reviews</i> , 2017 , 71, 859-872	16.2	64
65	Decoupling economic growth from carbon dioxide emissions in China's metal industrial sectors: A technological and efficiency perspective. <i>Science of the Total Environment</i> , 2019 , 691, 1173-1181	10.2	62
64	The driving forces and potential mitigation of energy-related CO ₂ emissions in China's metal industry. <i>Resources Policy</i> , 2018 , 59, 487-494	7.2	59
63	Sources of economic growth in China from 2000-2013 and its further sustainable growth path: A three-hierarchy meta-frontier data envelopment analysis. <i>Economic Modelling</i> , 2017 , 64, 334-348	3.4	58
62	Exploring the driving forces of energy-related CO ₂ emissions in China's construction industry by utilizing production-theoretical decomposition analysis. <i>Journal of Cleaner Production</i> , 2018 , 202, 710-719	10.3	53

61	Decouple transport CO2 emissions from China's economic expansion: A temporal-spatial analysis. <i>Transportation Research, Part D: Transport and Environment</i> , 2020 , 79, 102225	6.4	51
60	Journey for green development transformation of China's metal industry: A spatial econometric analysis. <i>Journal of Cleaner Production</i> , 2019 , 225, 1105-1117	10.3	50
59	What drives the fluctuations of green productivity in China's agricultural sector? A weighted Russell directional distance approach. <i>Resources, Conservation and Recycling</i> , 2019 , 147, 201-213	11.9	48
58	Decomposition of energy-related CO2 emissions in China's iron and steel industry: A comprehensive decomposition framework. <i>Resources Policy</i> , 2018 , 59, 103-116	7.2	45
57	Decomposition of energy efficiency and energy-saving potential in China: A three-hierarchy meta-frontier approach. <i>Journal of Cleaner Production</i> , 2018 , 176, 1054-1064	10.3	44
56	Analysis of energy efficiency in China's transportation sector. <i>Renewable and Sustainable Energy Reviews</i> , 2018 , 94, 565-575	16.2	43
55	The sustainability of China's metal industries: features, challenges and future focuses. <i>Resources Policy</i> , 2019 , 60, 215-224	7.2	39
54	The impacts of technological gap and scale economy on the low-carbon development of China's industries: An extended decomposition analysis. <i>Technological Forecasting and Social Change</i> , 2020 , 157, 120050	9.5	39
53	Energy efficiency in China's iron and steel industry: Evidence and policy implications. <i>Journal of Cleaner Production</i> , 2018 , 177, 837-845	10.3	37
52	Understanding China's industrial CO2 emissions: A comprehensive decomposition framework. <i>Journal of Cleaner Production</i> , 2017 , 166, 1335-1346	10.3	36
51	How does China manage its energy market? A perspective of policy evolution. <i>Energy Policy</i> , 2020 , 147, 111898	7.2	35
50	Analysis of industrial energy-related CO2 emissions and the reduction potential of cities in the Yangtze River Delta region. <i>Journal of Cleaner Production</i> , 2017 , 168, 791-802	10.3	34
49	The economy-wide energy efficiency in China's regional building industry. <i>Energy</i> , 2017 , 141, 1869-1879	7.9	33
48	Regional total-factor productivity and environmental governance efficiency of China's industrial sectors: A two-stage network-based super DEA approach. <i>Journal of Cleaner Production</i> , 2020 , 273, 123118-3	10.3	33
47	An overview of carbon dioxide emissions from China's ferrous metal industry: 1991-2030. <i>Resources Policy</i> , 2019 , 62, 541-549	7.2	33
46	The impact and economic cost of environmental regulation on energy utilization in China. <i>Applied Economics</i> , 2014 , 46, 3362-3376	1.6	28
45	A race between economic growth and carbon emissions: What play important roles towards global low-carbon development?. <i>Energy Economics</i> , 2021 , 100, 105327	8.3	27
44	An overview of Energy + Internet in China. <i>Journal of Cleaner Production</i> , 2020 , 258, 120630	10.3	26

43	The consequences of industrial restructuring, regional balanced development, and market-oriented reform for China's carbon dioxide emissions: A multi-tier meta-frontier DEA-based decomposition analysis. <i>Technological Forecasting and Social Change</i> , 2021 , 164, 120507	9.5	26
42	Marginal abatement costs of carbon dioxide emissions and its influencing factors: A global perspective. <i>Journal of Cleaner Production</i> , 2018 , 170, 1433-1450	10.3	25
41	The win-win ability of environmental protection and economic development during China's transition. <i>Technological Forecasting and Social Change</i> , 2021 , 166, 120617	9.5	24
40	Analysis of energy-related CO ₂ emissions in China's mining industry: Evidence and policy implications. <i>Resources Policy</i> , 2017 , 53, 77-87	7.2	23
39	Inequalities of China's regional low-carbon development. <i>Journal of Environmental Management</i> , 2020 , 274, 111042	7.9	23
38	The driving forces of material use in China: An index decomposition analysis. <i>Resources Policy</i> , 2017 , 52, 336-348	7.2	21
37	Investigating the drivers of energy-related CO ₂ emissions in China's industrial sector: From regional and provincial perspectives. <i>Structural Change and Economic Dynamics</i> , 2018 , 46, 136-147	4.5	21
36	The heterogeneity of China's pathways to economic growth, energy conservation and climate mitigation. <i>Journal of Cleaner Production</i> , 2019 , 228, 594-605	10.3	19
35	An empirical analysis of total-factor productivity in 30 sub-sub-sectors of China's nonferrous metal industry. <i>Resources Policy</i> , 2016 , 50, 264-269	7.2	19
34	Revealing the pattern and evolution of global green development between different income groups: A global meta-frontier by-production technology approach. <i>Environmental Impact Assessment Review</i> , 2021 , 89, 106600	5.3	14
33	Technological gap, scale economy, and China's industrial energy demand. <i>Journal of Cleaner Production</i> , 2019 , 236, 117618	10.3	13
32	The clarification for the features, temporal variations, and potential factors of global carbon dioxide emissions. <i>Journal of Cleaner Production</i> , 2020 , 255, 120250	10.3	11
31	Income gap and global carbon productivity inequality: A meta-frontier data envelopment analysis. <i>Sustainable Production and Consumption</i> , 2021 , 26, 548-557	8.2	11
30	Structural and social-economic determinants of China's transport low-carbon development under the background of aging and industrial migration. <i>Environmental Research</i> , 2020 , 188, 109701	7.9	10
29	Towards a decoupling between economic expansion and carbon dioxide emissions in resources sector: A case study of China's 29 non-ferrous metal industries. <i>Resources Policy</i> , 2021 , 74, 102249	7.2	10
28	Are there spillovers among China's pilots for carbon emission allowances trading?. <i>Energy Economics</i> , 2021 , 103, 105574	8.3	9
27	Measuring China's agricultural green total factor productivity and its drivers during 1998-2019.. <i>Science of the Total Environment</i> , 2022 , 829, 154477	10.2	6
26	What factors influence PM emissions in China? An analysis of regional differences using a combined method of data envelopment analysis and logarithmic mean Divisia index. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 34234-34249	5.1	5

25	Green trade assessment for sustainable development of Chinese ferrous metal industry. <i>Journal of Cleaner Production</i> , 2020 , 249, 119382	10.3	5
24	Clarifying the gains and losses of transport climate mitigation in China from technology and efficiency perspectives. <i>Journal of Cleaner Production</i> , 2020 , 263, 121545	10.3	5
23	The inequality of China's regional residential CO2 emissions. <i>Sustainable Production and Consumption</i> , 2021 , 27, 2047-2057	8.2	5
22	Impacts of oriented technologies and economic factors on China's industrial climate mitigation. <i>Journal of Cleaner Production</i> , 2019 , 233, 1016-1028	10.3	4
21	Does public participation promote environmental efficiency? Evidence from a quasi-natural experiment of environmental information disclosure in China. <i>Energy Economics</i> , 2022 , 108, 105871	8.3	4
20	How do heterogeneous R&D investments affect China's green productivity: Revisiting the Porter hypothesis.. <i>Science of the Total Environment</i> , 2022 , 154090	10.2	4
19	The heterogeneous impact of environmental regulation on urban green scale economy: an empirical analysis based on city-level panel data in China. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 48392-48407	5.1	3
18	Media Attention, Environmental Information Disclosure and Corporate Green Technology Innovations in China's Heavily Polluting Industries. <i>Emerging Markets Finance and Trade</i> , 1-14	3.5	3
17	What drives the decoupling between economic growth and energy-related CO emissions in China's agricultural sector?. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 44165-44182	5.1	2
16	How will the greening policy contribute to China's greenhouse gas emission mitigation? A non-parametric forecast. <i>Environmental Research</i> , 2021 , 195, 110779	7.9	2
15	What determines the climate mitigation process of China's regional industrial sector?. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 9192-9203	5.1	2
14	Evaluation of the environmental costs of tourism based on an emergy analysis of tourism waste disposal: a case study of Yarlung Zangbo Grand Canyon National Park in Motuo County, Tibet. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 32708	5.1	2
13	What causes spatial inequalities of low-carbon development in China's transport sector? A newly proposed meta-frontier DEA-based decomposition approach. <i>Socio-Economic Planning Sciences</i> , 2021 , 101151	3.7	2
12	Increased inequalities of per capita CO emissions in China. <i>Scientific Reports</i> , 2021 , 11, 9358	4.9	1
11	The factors of regional PM2.5 emissions inequality in China. <i>Chemical Engineering Research and Design</i> , 2021 , 150, 79-92	5.5	1
10	Mapping the knowledge domain of the evolution of emergy theory: a bibliometric approach. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 43114-43142	5.1	1
9	The effects of nurturing pressure and unemployment on carbon emissions: cross-country evidence.. <i>Environmental Science and Pollution Research</i> , 2022 , 1	5.1	1
8	The evolution of land policies in China from 1980 to 2019: a policy-text based analysis.. <i>Environmental Science and Pollution Research</i> , 2022 , 1	5.1	1

7	The effect of resource abundance on Chinese urban green economic growth: A regional heterogeneity perspective. <i>Growth and Change</i> , 2021 , 52, 1680-1700	2.3	○
6	Evaluating the sustainability of a tourism system based on emergy accounting and emergetic ternary diagrams: a case study of the Xinjiang Kanas tourism area. <i>Environment, Development and Sustainability</i> , 2022 , 1	4.5	○
5	Time-varying spillovers among pilot carbon emission trading markets in China.. <i>Environmental Science and Pollution Research</i> , 2022 , 1	5.1	○
4	Can energy predict the regional prices of carbon emission allowances in China?. <i>International Review of Financial Analysis</i> , 2022 , 102210	6.7	○
3	Assessing the sustainability and competitiveness of tourism economies in China's Chengdu-Chongqing metropolitan area.. <i>Environmental Science and Pollution Research</i> , 2022 , 1	5.1	○
2	Tracking the inequalities of global per capita carbon emissions from perspectives of technological and economic gaps.. <i>Journal of Environmental Management</i> , 2022 , 315, 115144	7.9	○
1	MEASURING THE INTER-STRUCTURAL LOW-CARBON ECONOMIC INEQUALITIES FROM PERSPECTIVES OF INDUSTRIAL HETEROGENEITY AND SCALE ECONOMY: A CASE STUDY OF CHINA'S 29 NON-FERROUS METAL INDUSTRIES. <i>Technological and Economic Development of Economy</i> , 2022 , 1-22	4.7	○