Miao Wang

List of Publications by Citations

39 papers	1,457 citations	23 h-index	38 g-index
39 ext. papers	1,889 ext. citations	8.8 avg, IF	6.3 L-index

#	Paper	IF	Citations
39	Decomposition of energy-related CO2 emissions in China: An empirical analysis based on provincial panel data of three sectors. *Applied Energy*, **2017**, 190, 772-787	10.7	166
38	Analysis of energy efficiency and energy savings potential in China provincial industrial sectors. *Journal of Cleaner Production*, **2017**, 164, 1531-1541	10.3	107
37	Green development performance and its influencing factors: A global perspective. *Journal of Cleaner Production*, **2017**, 144, 323-333	10.3	90
36	Analysis of green total-factor productivity in China's regional metal industry: A meta-frontier approach. *Resources Policy*, **2018**, 58, 219-229	7.2	82
35	Decomposing the change in energy consumption in China's nonferrous metal industry: An empirical analysis based on the LMDI method. *Renewable and Sustainable Energy Reviews*, **2018**, 82, 2652-2663	16.2	72
34	Using an extended logarithmic mean Divisia index approach to assess the roles of economic factors on industrial CO2 emissions of China. *Energy Economics*, **2018**, 76, 101-114	8.3	69
33	Decoupling economic growth from carbon dioxide emissions in China's metal industrial sectors: A technological and efficiency perspective. *Science of the Total Environment*, **2019**, 691, 1173-1181	10.2	62
32	The driving forces and potential mitigation of energy-related CO2 emissions in China's metal industry. *Resources Policy*, **2018**, 59, 487-494	7.2	59
31	Sources of economic growth in China from 2000–2013 and its further sustainable growth path: A three-hierarchy meta-frontier data envelopment analysis. *Economic Modelling*, **2017**, 64, 334-348	3.4	58
30	Exploring the driving forces of energy-related CO2 emissions in China's construction industry by utilizing production-theoretical decomposition analysis. *Journal of Cleaner Production*, **2018**, 202, 710-719	10.3	53
29	Journey for green development transformation of China metal industry: A spatial econometric analysis. *Journal of Cleaner Production*, **2019**, 225, 1105-1117	10.3	50
28	Decomposition of energy efficiency and energy-saving potential in China: A three-hierarchy meta-frontier approach. *Journal of Cleaner Production*, **2018**, 176, 1054-1064	10.3	44
27	Analysis of energy efficiency in China's transportation sector. *Renewable and Sustainable Energy Reviews*, **2018**, 94, 565-575	16.2	43
26	The sustainability of China metal industries: features, challenges and future focuses. *Resources Policy*, **2019**, 60, 215-224	7.2	39
25	The impacts of technological gap and scale economy on the low-carbon development of China's industries: An extended decomposition analysis. *Technological Forecasting and Social Change*, **2020**, 157, 120050	9.5	39
24	Energy efficiency in China's iron and steel industry: Evidence and policy implications. *Journal of Cleaner Production*, **2018**, 177, 837-845	10.3	37
23	Understanding China's industrial CO2 emissions: A comprehensive decomposition framework. *Journal of Cleaner Production*, **2017**, 166, 1335-1346	10.3	36

22	The economy-wide energy efficiency in China's regional building industry. *Energy*, **2017**, 141, 1869-1879	7.9	33
21	Regional total-factor productivity and environmental governance efficiency of China's industrial sectors: A two-stage network-based super DEA approach. *Journal of Cleaner Production*, **2020**, 273, 123110	10.3	33
20	Possibilities of decoupling for China's energy consumption from economic growth: A temporal-spatial analysis. *Energy*, **2019**, 185, 951-960	7.9	31
19	Dynamic analysis of carbon dioxide emissions in China's petroleum refining and coking industry. *Science of the Total Environment*, **2019**, 671, 937-947	10.2	28
18	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. *Technological Forecasting and Social Change*, **2021**, 164, 120507	9.5	26
17	The win-win ability of environmental protection and economic development during China's transition. *Technological Forecasting and Social Change*, **2021**, 166, 120617	9.5	24
16	Analysis of energy-related CO 2 emissions in China's mining industry: Evidence and policy implications. *Resources Policy*, **2017**, 53, 77-87	7.2	23
15	Inequalities of China's regional low-carbon development. *Journal of Environmental Management*, **2020**, 274, 111042	7.9	23
14	Investigating the drivers of energy-related CO2 emissions in China's industrial sector: From regional and provincial perspectives. *Structural Change and Economic Dynamics*, **2018**, 46, 136-147	4.5	21
13	The heterogeneity of China's pathways to economic growth, energy conservation and climate mitigation. *Journal of Cleaner Production*, **2019**, 228, 594-605	10.3	19
12	What drives energy intensity fall in China? Evidence from a meta-frontier approach. *Applied Energy*, **2021**, 281, 116034	10.7	17
11	The role of socio-economic factors in China's CO2 emissions from production activities. *Sustainable Production and Consumption*, **2021**, 27, 217-227	8.2	15
10	Revealing the pattern and evolution of global green development between different income groups: A global meta-frontier by-production technology approach. *Environmental Impact Assessment Review*, **2021**, 89, 106600	5.3	14
9	Technological gap, scale economy, and China's industrial energy demand. *Journal of Cleaner Production*, **2019**, 236, 117618	10.3	13
8	Towards a decoupling between economic expansion and carbon dioxide emissions in resources sector: A case study of China's 29 non-ferrous metal industries. *Resources Policy*, **2021**, 74, 102249	7.2	10
7	How to boost energy productivity in China's industrial sector: An integrated decomposition framework based on multi-dimensional factors. *Journal of Cleaner Production*, **2020**, 259, 120902	10.3	8
6	The inequality of China's regional residential CO2 emissions. *Sustainable Production and Consumption*, **2021**, 27, 2047-2057	8.2	5
5	Impacts of oriented technologies and economic factors on China's industrial climate mitigation. *Journal of Cleaner Production*, **2019**, 233, 1016-1028	10.3	4

4	How will the greening policy contribute to China's greenhouse gas emission mitigation? A non-parametric forecast. *Environmental Research*, **2021**, 195, 110779	7.9	2
3	What determines the climate mitigation process of China's regional industrial sector?. *Environmental Science and Pollution Research*, **2021**, 28, 9192-9203	5.1	2
2	Tracking the inequalities of global per capita carbon emissions from perspectives of technological and economic gaps.. *Journal of Environmental Management*, **2022**, 315, 115144	7.9	0
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. *Technological and Economic Development of Economy*, **2022**, 1-22	4.7	0