List of Publications by Year in descending order

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80 papers	10,436 citations	57719 44 h-index	62565 80 g-index
81 all docs	81 docs citations	81 times ranked	6104 citing authors

#	Article	IF	Citations
1	Temporary reduction in daily global CO2 emissions during the COVID-19 forced confinement. Nature Climate Change, 2020, 10, 647-653.	8.1	1,408
2	China CO2 emission accounts 1997â€“2015. Scientific Data, 2018, 5, 170201.	2.4	824
3	Chinese CO2 emission flows have reversed since the global financial crisis. Nature Communications, 2017, 8, 1712.	5.8	678
4	China CO2 emission accounts 2016â€“2017. Scientific Data, 2020, 7, 54.	2.4	527
5	Consumption-based emission accounting for Chinese cities. Applied Energy, 2016, 184, 1073-1081.	5.1	519
6	County-level CO2 emissions and sequestration in China during 1997â€“2017. Scientific Data, 2020, 7, 391.	2.4	430
7	New provincial CO2 emission inventories in China based on apparent energy consumption data and updated emission factors. Applied Energy, 2016, 184, 742-750.	5.1	394
8	Methodology and applications of city level CO2 emission accounts in China. Journal of Cleaner Production, 2017, 161, 1215-1225.	4.6	351
9	Socioeconomic impact assessment of China's CO2 emissions peak prior to 2030. Journal of Cleaner Production, 2017, 142, 2227-2236.	4.6	346
10	Structural decline in Chinaâ€™s CO2 emissions through transitions in industry and energy systems. Nature Geoscience, 2018, 11, 551-555.	5.4	340
11	City-level climate change mitigation in China. Science Advances, 2018, 4, eaaq0390.	4.7	287
12	Regional development and carbon emissions in China. Energy Economics, 2019, 81, 25-36.	5.6	284
13	Assessment to China's Recent Emission Pattern Shifts. Earth's Future, 2021, 9, e2021EF002241.	2.4	266
14	Global low-carbon energy transition in the post-COVID-19 era. Applied Energy, 2022, 307, 118205.	5.1	250
15	Pattern changes in determinants of Chinese emissions. Environmental Research Letters, 2017, 12, 074003.	2.2	217
16	Regional determinants of Chinaâ€™s consumption-based emissions in the economic transition. Environmental Research Letters, 2020, 15, 074001.	2.2	198
17	The Slowdown in Chinaâ€™s Carbon Emissions Growth in the New Phase of Economic Development. One Earth, 2019, 1, 240-253.	3.6	138
18	Impacts of COVID-19 and fiscal stimuli on global emissions and the Paris Agreement. Nature Climate Change, 2021, 11, 200-206.	8.1	129

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19	Emissions and low-carbon development in Guangdong-Hong Kong-Macao Greater Bay Area cities and their surroundings. Applied Energy, 2018, 228, 1683-1692.	5.1	124
20	Carbon emission imbalances and the structural paths of Chinese regions. Applied Energy, 2018, 215, 396-404.	5.1	118
21	CO2 emissions from Chinaâ€™s lime industry. Applied Energy, 2016, 166, 245-252.	5.1	115
22	An emissions-socioeconomic inventory of Chinese cities. Scientific Data, 2019, 6, 190027.	2.4	107
23	A multi-regional input-output table mapping China's economic outputs and interdependencies in 2012. Scientific Data, 2018, 5, 180155.	2.4	105
24	Chinese cities exhibit varying degrees of decoupling of economic growth and CO2 emissions between 2005 and 2015. One Earth, 2021, 4, 124-134.	3.6	103
25	China's Energy Consumption in the New Normal. Earth's Future, 2018, 6, 1007-1016.	2.4	101
26	Assessing the recent impact of COVID-19 on carbon emissions from China using domestic economic data. Science of the Total Environment, 2021, 750, 141688.	3.9	92
27	The consumption-based black carbon emissions of China's megacities. Journal of Cleaner Production, 2017, 161, 1275-1282.	4.6	80
28	Review on City-Level Carbon Accounting. Environmental Science & Technology, 2019, 53, 5545-5558.	4.6	75
29	City-level water-energy nexus in Beijing-Tianjin-Hebei region. Applied Energy, 2019, 235, 827-834.	5.1	75
30	Decoupling of economic growth and emissions in Chinaâ€™s cities: A case study of the Central Plains urban agglomeration. Applied Energy, 2019, 244, 36-45.	5.1	72
31	CO2 emission patterns in shrinking and growing cities: A case study of Northeast China and the Yangtze River Delta. Applied Energy, 2019, 251, 113384.	5.1	69
32	Low-carbon developments in Northeast China: Evidence from cities. Applied Energy, 2019, 236, 1019-1033.	5.1	69
33	Carbon emissions from fossil fuel consumption of Beijing in 2012. Environmental Research Letters, 2016, 11, 114028.	2.2	68
34	Decoupling of economic growth from CO2 emissions in Yangtze River Economic Belt cities. Science of the Total Environment, 2021, 775, 145927.	3.9	66
35	Patterns of CO2 emissions in 18 central Chinese cities from 2000 to 2014. Journal of Cleaner Production, 2018, 172, 529-540.	4.6	64
36	Peak cementâ€related CO₂ emissions and the changes in drivers in China. Journal of Industrial Ecology, 2019, 23, 959-971.	2.8	64

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37	The governance-production nexus of eco-efficiency in Chinese resource-based cities: A two-stage network DEA approach. Energy Economics, 2021, 101, 105408.	5.6	63
38	Rapid growth of petroleum coke consumption and its related emissions in China. Applied Energy, 2018, 226, 494-502.	5.1	60
39	Mapping Carbon and Water Networks in the North China Urban Agglomeration. One Earth, 2019, 1, 126-137.	3.6	58
40	Comparisons of CO2 emission performance between secondary and service industries in Yangtze River Delta cities. Journal of Environmental Management, 2019, 252, 109667.	3.8	52
41	Evidence of decoupling consumption-based CO2 emissions from economic growth. Advances in Applied Energy, 2021, 4, 100074.	6.6	51
42	Energy consumption and CO₂ emissions in Tibet and its cities in 2014. Earth's Future, 2017, 5, 854-864.	2.4	48
43	How modifications of China's energy data affect carbon mitigation targets. Energy Policy, 2018, 116, 337-343.	4.2	48
44	Linking cityâ€level inputâ€“output table to urban energy footprint: Construction framework and application. Journal of Industrial Ecology, 2019, 23, 781-795.	2.8	46
45	Inter-regional spillover of China's sulfur dioxide (SO2) pollution across the supply chains. Journal of Cleaner Production, 2019, 207, 418-431.	4.6	45
46	Can regional integration narrow city-level energy efficiency gap in China?. Energy Policy, 2022, 163, 112820.	4.2	45
47	The role of intermediate trade in the change of carbon flows within China. Energy Economics, 2018, 76, 303-312.	5.6	41
48	CO2 emission reduction potential in China from combined effects of structural adjustment of economy and efficiency improvement. Resources, Conservation and Recycling, 2021, 174, 105760.	5.3	40
49	Evaluating China's fossil-fuel CO₂ emissions from a comprehensive dataset of nine inventories. Atmospheric Chemistry and Physics, 2020, 20, 11371-11385.	1.9	36
50	The evolution of carbon footprint in the yangtze river delta city cluster during economic transition 2012-2015. Resources, Conservation and Recycling, 2022, 181, 106266.	5.3	36
51	Implications of COVID-19 lockdowns on surface passenger mobility and related CO2 emission changes in Europe. Applied Energy, 2021, 300, 117396.	5.1	34
52	Large inter-city inequality in consumption-based CO2 emissions for China's pearl river basin cities. Resources, Conservation and Recycling, 2022, 176, 105923.	5.3	34
53	Driving forces of CO2 emissions and mitigation strategies of Chinaâ€™s National low carbon pilot industrial parks. Applied Energy, 2018, 212, 1553-1562.	5.1	32
54	Quantification and scenario analysis of CO2 emissions from the central heating supply system in China from 2006 to 2025. Applied Energy, 2018, 225, 869-875.	5.1	31

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55	An emissions accounting framework for industrial parks in China. Journal of Cleaner Production, 2020, 244, 118712.	4.6	31
56	CO2 emissions and their spatial patterns of Xinjiang cities in China. Applied Energy, 2019, 252, 113473.	5.1	30
57	Kazakhstan's CO2 emissions in the post-Kyoto Protocol era: Production- and consumption-based analysis. Journal of Environmental Management, 2019, 249, 109393.	3.8	30
58	Role of export industries on ozone pollution and its precursors in China. Nature Communications, 2020, 11, 5492.	5.8	30
59	Initial Declines in Chinaâ€™s Provincial Energy Consumption and Their Drivers. Joule, 2019, 3, 1163-1168.	11.7	26
60	A city-level inventory for atmospheric mercury emissions from coal combustion in China. Atmospheric Environment, 2020, 223, 117245.	1.9	25
61	Virtual carbon and water flows embodied in globalÂfashionÂtrade - a case study of denim products. Journal of Cleaner Production, 2021, 303, 127080.	4.6	25
62	Emission drivers of cities at different industrialization phases in China. Journal of Environmental Management, 2019, 250, 109494.	3.8	24
63	Structural patterns of city-level CO2 emissions in Northwest China. Journal of Cleaner Production, 2019, 223, 553-563.	4.6	24
64	Emission accounting and drivers in East African countries. Applied Energy, 2022, 312, 118805.	5.1	22
65	Performance Assessment and Outlook of Chinaâ€™s Emission-Trading Scheme. Engineering, 2016, 2, 398-401.	3.2	21
66	The Consumptionâ€Based Carbon Emissions in the Jingâ€Jinâ€Ji Urban Agglomeration Over China's Economic Transition. Earth's Future, 2021, 9, e2021EF002132.	2.4	21
67	Global and local carbon footprints of city of Hong Kong and Macao from 2000 to 2015. Resources, Conservation and Recycling, 2021, 164, 105167.	5.3	20
68	Province-level fossil fuel CO2 emission estimates for China based on seven inventories. Journal of Cleaner Production, 2020, 277, 123377.	4.6	19
69	Does diversification help improve the performance of coal companies? Evidence from China's listed coal companies. Resources Policy, 2019, 61, 88-98.	4.2	15
70	Balance between poverty alleviation and air pollutant reduction in China. Environmental Research Letters, 2021, 16, 094019.	2.2	15
71	Enlarging Regional Disparities in Energy Intensity within China. Earth's Future, 2020, 8, e2020EF001572.	2.4	14
72	How do Chinaâ€™s lockdown and post-COVID-19 stimuli impact carbon emissions and economic output? Retrospective estimates and prospective trajectories. IScience, 2022, 25, 104328.	1.9	14

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73	Frequent interactions of Tibet's CO₂ emissions with those of other regions in China. Earth's Future, 2019, 7, 491-502.	2.4	12
74	Japan prefectural emission accounts and socioeconomic data 2007 to 2015. Scientific Data, 2020, 7, 233.	2.4	8
75	CO2 emission accounts of Russiaâ€™s constituent entities 2005â€“2019. Scientific Data, 2021, 8, 172.	2.4	8
76	Emission accounting and drivers in 2004 EU accession countries. Applied Energy, 2022, 314, 118964.	5.1	8
77	Trends, Drivers, and Mitigation of CO2 Emissions in the Guangdongâ€“Hong Kongâ€“Macao Greater Bay Area. Engineering, 2023, 23, 138-148.	3.2	8
78	Footprints Evaluation of Chinaâ€™s Coal Supply Chains. Computer Aided Chemical Engineering, 2014, 33, 1879-1884.	0.3	6
79	Dynamic characteristics and drivers of the regional household energy-carbon-water nexus in China. Environmental Science and Pollution Research, 2021, 28, 55220-55232.	2.7	6
80	Low-carbon development via greening global value chains: a case study of Belarus. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2020, 476, 20200024.	1.0	6