

# Xu Tian

## List of Publications by Citations

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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.

47  
papers

1,276  
citations

24  
h-index

35  
g-index

47  
ext. papers

1,643  
ext. citations

8.4  
avg, IF

4.91  
L-index

#	Paper	IF	Citations
47	Changes of CO2 emissions embodied in China-Japan trade: drivers and implications. <i>Journal of Cleaner Production</i> , <b>2016</b> , 112, 4151-4158	10.3	97
46	Achieving China's INDC through carbon cap-and-trade: Insights from Shanghai. <i>Applied Energy</i> , <b>2016</b> , 184, 1114-1122	10.7	86
45	Examining industrial structure changes and corresponding carbon emission reduction effect by combining input-output analysis and social network analysis: A comparison study of China and Japan. <i>Journal of Cleaner Production</i> , <b>2017</b> , 162, 61-70	10.3	80
44	Regional household carbon footprint in China: a case of Liaoning province. <i>Journal of Cleaner Production</i> , <b>2016</b> , 114, 401-411	10.3	52
43	The effects of carbon reduction on sectoral competitiveness in China: A case of Shanghai. <i>Applied Energy</i> , <b>2017</b> , 197, 270-278	10.7	51
42	Economic impacts from PM pollution-related health effects in China's road transport sector: A provincial-level analysis. <i>Environment International</i> , <b>2018</b> , 115, 220-229	12.9	50
41	The effects of household consumption pattern on regional development: A case study of Shanghai. <i>Energy</i> , <b>2016</b> , 103, 49-60	7.9	50
40	Evolution of China's water footprint and virtual water trade: A global trade assessment. <i>Environment International</i> , <b>2018</b> , 121, 178-188	12.9	45
39	A bibliometric analysis on trends and characters of carbon emissions from transport sector. <i>Transportation Research, Part D: Transport and Environment</i> , <b>2018</b> , 59, 1-10	6.4	44
38	Trends and features of embodied flows associated with international trade based on bibliometric analysis. <i>Resources, Conservation and Recycling</i> , <b>2018</b> , 131, 148-157	11.9	44
37	Responding climate change: A bibliometric review on urban environmental governance. <i>Journal of Cleaner Production</i> , <b>2018</b> , 204, 344-354	10.3	44
36	Life cycle based energy analysis on China's cement production. <i>Journal of Cleaner Production</i> , <b>2016</b> , 131, 272-279	10.3	40
35	Trade impacts of China's Belt and Road Initiative: From resource and environmental perspectives. <i>Resources, Conservation and Recycling</i> , <b>2019</b> , 150, 104430	11.9	38
34	Energy based sustainability evaluation for Yunnan Province, China. <i>Journal of Cleaner Production</i> , <b>2017</b> , 162, 1388-1397	10.3	37
33	Energy-based sustainability evaluation of Erhai Lake Basin in China. <i>Journal of Cleaner Production</i> , <b>2018</b> , 178, 142-153	10.3	37
32	Uncovering driving forces on greenhouse gas emissions in China's aluminum industry from the perspective of life cycle analysis. <i>Applied Energy</i> , <b>2016</b> , 166, 253-263	10.7	36
31	Assessing the sustainability of urban eco-systems through Energy-based circular economy indicators. <i>Ecological Indicators</i> , <b>2020</b> , 109, 105859	5.8	35

30	Water footprint characteristic of less developed water-rich regions: Case of Yunnan, China. <i>Water Research</i> , <b>2018</b> , 141, 208-216	12.5	34
29	Driving Factors of Agricultural Virtual Water Trade between China and the Belt and Road Countries. <i>Environmental Science &amp; Technology</i> , <b>2019</b> , 53, 5877-5886	10.3	31
28	Analysis of energy-related CO2 emissions in China's pharmaceutical industry and its driving forces. <i>Journal of Cleaner Production</i> , <b>2019</b> , 223, 94-108	10.3	30
27	An emergy accounting based regional sustainability evaluation: A case of Qinghai in China. <i>Ecological Indicators</i> , <b>2018</b> , 88, 152-160	5.8	28
26	Environmental and resources footprints between China and EU countries. <i>Journal of Cleaner Production</i> , <b>2017</b> , 168, 322-330	10.3	27
25	China-USA Trade: Indicators for Equitable and Environmentally Balanced Resource Exchange. <i>Ecological Economics</i> , <b>2017</b> , 132, 245-254	5.6	25
24	An emergy and decomposition assessment of China-Japan trade: Driving forces and environmental imbalance. <i>Journal of Cleaner Production</i> , <b>2017</b> , 141, 359-369	10.3	24
23	A general equilibrium analysis on the impacts of regional and sectoral emission allowance allocation at carbon trading market. <i>Journal of Cleaner Production</i> , <b>2018</b> , 192, 421-432	10.3	22
22	Steel in a circular economy: Global implications of a green shift in China. <i>World Development</i> , <b>2020</b> , 127, 104775	5.5	17
21	Emergy-based comparative analysis of energy intensity in different industrial systems. <i>Environmental Science and Pollution Research</i> , <b>2015</b> , 22, 18687-98	5.1	16
20	Regional disparities in the Chinese economy. An emergy evaluation of provincial international trade. <i>Resources, Conservation and Recycling</i> , <b>2017</b> , 126, 1-11	11.9	16
19	Energy footprint pathways of China. <i>Energy</i> , <b>2019</b> , 180, 330-340	7.9	15
18	Expanding green supply chain performance measurement through emergy accounting and analysis. <i>International Journal of Production Economics</i> , <b>2020</b> , 225, 107576	9.3	15
17	Sustainability assessment of one industrial region: A combined method of emergy analysis and IPAT (Human Impact Population Affluence Technology). <i>Energy</i> , <b>2016</b> , 107, 818-830	7.9	15
16	Emergy-Ecological Footprint Hybrid Method Analysis of Industrial Parks Using a Geographical and Regional Perspective. <i>Environmental Engineering Science</i> , <b>2015</b> , 32, 193-202	2	14
15	Emergy-based environmental accounting of gold ingot production in China. <i>Resources, Conservation and Recycling</i> , <b>2019</b> , 143, 60-67	11.9	13
14	Examining the role of BRICS countries at the global economic and environmental resources nexus. <i>Journal of Environmental Management</i> , <b>2020</b> , 262, 110330	7.9	13
13	Emergy-based environmental accounting of one mining system. <i>Environmental Science and Pollution Research</i> , <b>2019</b> , 26, 14598-14615	5.1	11

12	Uncovering resource losses and gains in China's foreign trade. <i>Journal of Cleaner Production</i> , <b>2018</b> , 191, 78-86	10.3	11
11	Impacts of export restructuring on national economy and CO2 emissions: A general equilibrium analysis for China. <i>Applied Energy</i> , <b>2019</b> , 248, 64-78	10.7	10
10	Trends and driving forces of China's virtual land consumption and trade. <i>Land Use Policy</i> , <b>2019</b> , 89, 104194.6	4.6	8
9	Toward the 2-degree target: Evaluating co-benefits of road transportation in China. <i>Journal of Transport and Health</i> , <b>2019</b> , 15, 100674	3	6
8	Features of critical resource trade networks of lithium-ion batteries. <i>Resources Policy</i> , <b>2021</b> , 73, 102177	7.2	5
7	Uncovering CO2 emission drivers under regional industrial transfer in China's Yangtze River Economic Belt: a multi-layer LMDI decomposition analysis. <i>Frontiers in Energy</i> , <b>2021</b> , 15, 292-307	2.6	3
6	Keys to the species of Mydæinae (Diptera: Muscidae) from China, with the description of four new species. <i>Journal of Insect Science</i> , <b>2014</b> , 14, 22	2	1
5	Emission burden concerns for online shopping returns. <i>Nature Climate Change</i> , <b>2022</b> , 12, 2-3	21.4	0
4	Toward sustainable crop production in China: A co-benefits evaluation. <i>Journal of Cleaner Production</i> , <b>2022</b> , 361, 132285	10.3	0
3	LOCALIZED IMPLEMENTATION: ECONOMIC AND ENVIRONMENTAL IMPACT OF THE BELT AND ROAD INITIATIVE IN CHINA. <i>Journal of East Asian Studies</i> , <b>2021</b> , 21, 237-257	0.2	
2	Embodied Land Resources Trade in Major African Countries: A Global Trade and Supply Chains Perspective. <i>Greening of Industry Networks Studies</i> , <b>2022</b> , 79-95	0.5	
1	Sustainability assessment in the anthropocentric watershed based on energy and decomposition methods: A case study of Erhai Lake Basin, southwest China. <i>Ecological Indicators</i> , <b>2022</b> , 139, 108932	5.8	