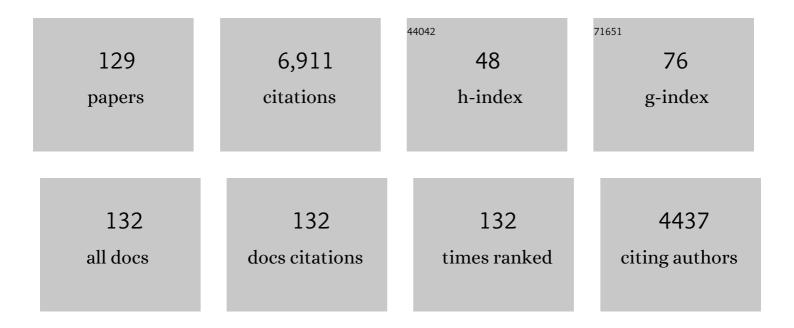
List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Temporal Trend and Spatial Distribution of Speciated Atmospheric Mercury Emissions in China During 1978–2014. Environmental Science & Technology, 2016, 50, 13428-13435.	4.6	255
2	Economic development and converging household carbon footprints in China. Nature Sustainability, 2020, 3, 529-537.	11.5	224
3	Food-energy-water (FEW) nexus for urban sustainability: A comprehensive review. Resources, Conservation and Recycling, 2019, 142, 215-224.	5.3	210
4	Targeted opportunities to address the climate–trade dilemma in China. Nature Climate Change, 2016, 6, 201-206.	8.1	206
5	Features, trajectories and driving forces for energy-related GHG emissions from Chinese mega cites: The case of Beijing, Tianjin, Shanghai and Chongqing. Energy, 2012, 37, 245-254.	4.5	185
6	Carbon dioxide emission drivers for a typical metropolis using input–output structural decomposition analysis. Energy Policy, 2013, 58, 312-318.	4.2	170
7	Revisiting drivers of energy intensity in China during 1997–2007: A structural decomposition analysis. Energy Policy, 2014, 67, 640-647.	4.2	157
8	China high resolution emission database (CHRED) with point emission sources, gridded emission data, and supplementary socioeconomic data. Resources, Conservation and Recycling, 2018, 129, 232-239.	5.3	129
9	Trans-provincial health impacts of atmospheric mercury emissions in China. Nature Communications, 2019, 10, 1484.	5.8	126
10	Betweenness-Based Method to Identify Critical Transmission Sectors for Supply Chain Environmental Pressure Mitigation. Environmental Science & Technology, 2016, 50, 1330-1337.	4.6	125
11	Decoupling Analysis and Socioeconomic Drivers of Environmental Pressure in China. Environmental Science & Technology, 2014, 48, 1103-1113.	4.6	122
12	Mercury Flows in China and Global Drivers. Environmental Science & amp; Technology, 2017, 51, 222-231.	4.6	121
13	Environmental impact and economic assessment of secondary lead production: Comparison of main spent lead-acid battery recycling processes in China. Journal of Cleaner Production, 2017, 144, 142-148.	4.6	120
14	Virtual scarce water embodied in inter-provincial electricity transmission in China. Applied Energy, 2017, 187, 438-448.	5.1	119
15	Supply chain sustainability risk and assessment. Journal of Cleaner Production, 2019, 225, 857-867.	4.6	113
16	Income-Based Greenhouse Gas Emissions of Nations. Environmental Science & Technology, 2017, 51, 346-355.	4.6	107
17	Critical review of the energy-water-carbon nexus in cities. Energy, 2019, 171, 1017-1032.	4.5	107
18	Lifting China's Water Spell. Environmental Science & Technology, 2014, 48, 11048-11056.	4.6	105

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19	Atmospheric Mercury Footprints of Nations. Environmental Science & Technology, 2015, 49, 3566-3574.	4.6	105
20	Life cycle assessment of biodiesel production in China. Bioresource Technology, 2013, 129, 72-77.	4.8	101
21	Socioeconomic Drivers of Mercury Emissions in China from 1992 to 2007. Environmental Science & Technology, 2013, 47, 3234-3240.	4.6	101
22	Virtual Atmospheric Mercury Emission Network in China. Environmental Science & Technology, 2014, 48, 2807-2815.	4.6	99
23	Socioeconomic Drivers of Greenhouse Gas Emissions in the United States. Environmental Science & Technology, 2016, 50, 7535-7545.	4.6	96
24	CO <sub>2</sub> Emissions Embodied in Interprovincial Electricity Transmissions in China. Environmental Science & Technology, 2017, 51, 10893-10902.	4.6	96
25	Scarcity-weighted fossil fuel footprint of China at the provincial level. Applied Energy, 2020, 258, 114081.	5.1	95
26	Mapping global carbon footprint in China. Nature Communications, 2020, 11, 2237.	5.8	92
27	Virtual Water Scarcity Risk to the Global Trade System. Environmental Science & Technology, 2018, 52, 673-683.	4.6	86
28	Life cycle assessment of High Speed Rail in China. Transportation Research, Part D: Transport and Environment, 2015, 41, 367-376.	3.2	76
29	What is driving CO2 emissions in a typical manufacturing center of South China? The case of Jiangsu Province. Energy Policy, 2011, 39, 7078-7083.	4.2	75
30	Temporal and spatial variations in consumption-based carbon dioxide emissions in China. Renewable and Sustainable Energy Reviews, 2014, 40, 60-68.	8.2	68
31	Comparing urban solid waste recycling from the viewpoint of urban metabolism based on physical input–output model: A case of Suzhou in China. Waste Management, 2012, 32, 220-225.	3.7	66
32	Urban food-energy-water nexus indicators: A review. Resources, Conservation and Recycling, 2019, 151, 104481.	5.3	66
33	Developing the Chinese Environmentally Extended Inputâ€Output (CEEIO) Database. Journal of Industrial Ecology, 2017, 21, 953-965.	2.8	65
34	An improved input–output model for energy analysis: A case study of Suzhou. Ecological Economics, 2010, 69, 1805-1813.	2.9	63
35	Comparisons of four categories of waste recycling in China's paper industry based on physical input–output life-cycle assessment model. Waste Management, 2012, 32, 603-612.	3.7	63
36	Four system boundaries for carbon accounts. Ecological Modelling, 2015, 318, 118-125.	1.2	62

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37	Structure of the Global Virtual Carbon Network: Revealing Important Sectors and Communities for Emission Reduction. Journal of Industrial Ecology, 2015, 19, 307-320.	2.8	62
38	Toward low-carbon development: Assessing emissions-reduction pressure among Chinese cities. Journal of Environmental Management, 2020, 271, 111036.	3.8	59
39	Emerging challenges and opportunities for the food–energy–water nexus in urban systems. Current Opinion in Chemical Engineering, 2017, 17, 48-53.	3.8	58
40	Virtual water scarcity risk to global trade under climate change. Journal of Cleaner Production, 2019, 230, 1013-1026.	4.6	56
41	Quantifying the Urban Food–Energy–Water Nexus: The Case of the Detroit Metropolitan Area. Environmental Science & Technology, 2019, 53, 779-788.	4.6	56
42	Urban Metabolism in China Achieving Dematerialization and Decarbonization in Suzhou. Journal of Industrial Ecology, 2011, 15, 420-434.	2.8	55
43	Carbon dioxide mitigation target of China in 2020 and key economic sectors. Energy Policy, 2013, 58, 90-96.	4.2	55
44	Waste oil derived biofuels in China bring brightness for global GHG mitigation. Bioresource Technology, 2013, 131, 139-145.	4.8	55
45	Uncovering urban food-energy-water nexus based on physical input-output analysis: The case of the Detroit Metropolitan Area. Applied Energy, 2019, 252, 113422.	5.1	54
46	Greenhouse gas emission factors of purchased electricity from interconnected grids. Applied Energy, 2016, 184, 751-758.	5.1	51
47	A Quasi-Input-Output model to improve the estimation of emission factors for purchased electricity from interconnected grids. Applied Energy, 2017, 200, 249-259.	5.1	51
48	Big Data and Industrial Ecology. Journal of Industrial Ecology, 2015, 19, 205-210.	2.8	50
49	Primary Suppliers Driving Atmospheric Mercury Emissions through Global Supply Chains. One Earth, 2019, 1, 254-266.	3.6	50
50	Virtual water scarcity risk in China. Resources, Conservation and Recycling, 2020, 160, 104886.	5.3	50
51	Potential Role of Fiscal Decentralization on Interprovincial Differences in CO <sub>2</sub> Emissions in China. Environmental Science & amp; Technology, 2021, 55, 813-822.	4.6	49
52	Unintended consequences of bioethanol feedstock choice in China. Bioresource Technology, 2012, 125, 312-317.	4.8	48
53	Consumption-based human health impacts of primary PM2.5: The hidden burden of international trade. Journal of Cleaner Production, 2017, 167, 133-139.	4.6	48
54	Regional water footprints and interregional virtual water transfers in China. Journal of Cleaner Production, 2019, 228, 1401-1412.	4.6	47

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55	Structural analysis of material flows in China based on physical and monetary input-output models. Journal of Cleaner Production, 2017, 158, 209-217.	4.6	46
56	Scale, distribution and variations of global greenhouse gas emissions driven by U.S. households. Environment International, 2019, 133, 105137.	4.8	46
57	Quantifying Direct and Indirect Spatial Food–Energy–Water (FEW) Nexus in China. Environmental Science & Technology, 2020, 54, 9791-9803.	4.6	46
58	Trade-Induced Atmospheric Mercury Deposition over China and Implications for Demand-Side Controls. Environmental Science & amp; Technology, 2018, 52, 2036-2045.	4.6	45
59	Virtual CO <sub>2</sub> Emission Flows in the Global Electricity Trade Network. Environmental Science & Technology, 2018, 52, 6666-6675.	4.6	43
60	Interactions of energy technology development and new energy exploitation with water technology development in China. Energy, 2011, 36, 6960-6966.	4.5	42
61	Global Drivers of Russian Timber Harvest. Journal of Industrial Ecology, 2016, 20, 515-525.	2.8	42
62	Spatially explicit carbon emissions at the county scale. Resources, Conservation and Recycling, 2021, 173, 105706.	5.3	41
63	Investigating Reasons for Differences in the Results of Environmental, Physical, and Hybrid Inputâ€Output Models. Journal of Industrial Ecology, 2013, 17, 432-439.	2.8	37
64	Identifying critical sectors and supply chain paths for the consumption of domestic resource extraction in China. Journal of Cleaner Production, 2019, 208, 1577-1586.	4.6	37
65	Virtual scarce water flows and economic benefits of the Belt and Road Initiative. Journal of Cleaner Production, 2020, 253, 119936.	4.6	37
66	China's retrofitting measures in coal-fired power plants bring significant mercury-related health benefits. One Earth, 2020, 3, 777-787.	3.6	37
67	Managing urban energy system: A case of Suzhou in China. Energy Policy, 2011, 39, 2910-2918.	4.2	36
68	Unintended Environmental Consequences and Co-benefits of Economic Restructuring. Environmental Science & Technology, 2013, 47, 12894-12902.	4.6	36
69	How to Deal with Resource Productivity. Journal of Industrial Ecology, 2013, 17, 440-451.	2.8	36
70	A dual strategy for controlling energy consumption and air pollution in China's metropolis of Beijing. Energy, 2015, 81, 294-303.	4.5	36
71	Trade-off between carbon reduction benefits and ecological costs of biomass-based power plants with carbon capture and storage (CCS) in China. Journal of Cleaner Production, 2017, 144, 279-286.	4.6	36
72	Spatial-temporal analysis of selected industrial aquatic heavy metal pollution in China. Journal of Cleaner Production, 2019, 238, 117944.	4.6	36

#	Article	IF	CITATIONS
73	An integrated assessment system for the carrying capacity of the water environment based on system dynamics. Journal of Environmental Management, 2021, 295, 113045.	3.8	36
74	How real time pricing modifies Chinese households' electricity consumption. Journal of Cleaner Production, 2018, 178, 776-790.	4.6	34
75	Understanding the tele-coupling mechanism of urban food-energy-water nexus: Critical sources, nodes, and supply chains. Journal of Cleaner Production, 2019, 235, 297-307.	4.6	34
76	CO <sub>2</sub> Emissions Embodied in International Migration from 1995 to 2015. Environmental Science & Technology, 2020, 54, 12530-12538.	4.6	34
77	Input–output networks offer new insights of economic structure. Physica A: Statistical Mechanics and Its Applications, 2019, 527, 121178.	1.2	33
78	Multi-pollutant based grey water footprint of Chinese regions. Resources, Conservation and Recycling, 2021, 164, 105202.	5.3	32
79	Socioeconomic drivers of water use in China during 2002–2017. Resources, Conservation and Recycling, 2020, 154, 104636.	5.3	31
80	Global timber harvest footprints of nations and virtual timber trade flows. Journal of Cleaner Production, 2020, 250, 119503.	4.6	30
81	Dynamic Carbon Emission Linkages Across Boundaries. Earth's Future, 2019, 7, 197-209.	2.4	29
82	The evolution of virtual water flows in China's electricity transmission network and its driving forces. Journal of Cleaner Production, 2020, 242, 118336.	4.6	29
83	Reutilisation-extended material flows and circular economy in China. Waste Management, 2013, 33, 1552-1560.	3.7	28
84	Final production-based emissions of regions in China. Economic Systems Research, 2018, 30, 18-36.	1.2	28
85	Mapping economic drivers of China's NOx emissions due to energy consumption. Journal of Cleaner Production, 2019, 241, 118130.	4.6	28
86	Understanding the industrial NOx and SO2 pollutant emissions in China from sector linkage perspective. Science of the Total Environment, 2021, 770, 145242.	3.9	28
87	A two-tiered attribution structural decomposition analysis to reveal drivers at both sub-regional and sectoral levels: A case study of energy consumption in the Jing-Jin-Ji region. Journal of Cleaner Production, 2019, 213, 165-175.	4.6	27
88	Data Acquisition for Applying Physical Input-Output Tables in Chinese Cities. Journal of Industrial Ecology, 2011, 15, 825-835.	2.8	25
89	Sustainable urban materials management for air pollutants mitigation based onÂurban physical input–output model. Energy, 2012, 42, 387-392.	4.5	25
90	Resource impacts of municipal solid waste treatment systems in Chinese cities based on hybrid life cycle assessment. Resources, Conservation and Recycling, 2018, 130, 215-225.	5.3	25

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91	Achieving Dewaterization in Industrial Parks. Journal of Industrial Ecology, 2011, 15, 597-613.	2.8	24
92	Modeling domestic geographical transfers of toxic substances in WEEE: A case study of spent lead-acid batteries in China. Journal of Cleaner Production, 2018, 198, 1559-1566.	4.6	24
93	Saving less in China facilitates global CO2 mitigation. Nature Communications, 2020, 11, 1358.	5.8	24
94	Global Supply Chain Drivers of Agricultural Antibiotic Emissions in China. Environmental Science & Technology, 2022, 56, 5860-5873.	4.6	24
95	Clustering economic sectors in China on a life cycle basis to achieve environmental sustainability. Frontiers of Environmental Science and Engineering, 2013, 7, 97-108.	3.3	23
96	Scaling of global input–output networks. Physica A: Statistical Mechanics and Its Applications, 2016, 452, 311-319.	1.2	22
97	The disposal and willingness to pay for residentsâ¿¿ scrap fluorescent lamps in China: A case study of Beijing. Resources, Conservation and Recycling, 2016, 114, 103-111.	5.3	22
98	Network resilience of phosphorus cycling in China has shifted by natural flows, fertilizer use and dietary transitions between 1600 and 2012. Nature Food, 2020, 1, 365-375.	6.2	22
99	Spatially Explicit Global Hotspots Driving China's Mercury Related Health Impacts. Environmental Science & Technology, 2020, 54, 14547-14557.	4.6	19
100	Looping Mercury Cycle in Global Environmental–Economic System Modeling. Environmental Science & Technology, 2022, 56, 2861-2879.	4.6	19
101	Waste management of urban agglomeration on a life cycle basis. Resources, Conservation and Recycling, 2013, 78, 47-53.	5.3	16
102	Atmospheric Mercury Outflow from China and Interprovincial Trade. Environmental Science & Technology, 2018, 52, 13792-13800.	4.6	16
103	Determinants of Greenhouse Gas Emissions from Interconnected Grids in China. Environmental Science & Technology, 2019, 53, 1432-1440.	4.6	16
104	Spatial disparity of life-cycle greenhouse gas emissions from corn straw-based bioenergy production in China. Applied Energy, 2022, 305, 117854.	5.1	16
105	Emergy Perspectives on the Environmental Performance and Sustainability of Small-Scale Gold Production Systems in Ghana. Sustainability, 2017, 9, 2034.	1.6	15
106	Chinese environmentally extended input-output database for 2017 and 2018. Scientific Data, 2021, 8, 256.	2.4	14
107	Three-dimensional hybrid enterprise input–output model for material metabolism analysis: a case study of coal mines in China. Clean Technologies and Environmental Policy, 2011, 13, 71-85.	2.1	13
108	Trade-related water scarcity risk under the Belt and Road Initiative. Science of the Total Environment, 2021, 801, 149781.	3.9	13

#	Article	IF	CITATIONS
109	Critical transmission sectors in embodied atmospheric mercury emission network in China. Journal of Industrial Ecology, 2021, 25, 1644-1656.	2.8	12
110	Identifying sectoral impacts on global scarce water uses from multiple perspectives. Journal of Industrial Ecology, 2021, 25, 1503-1517.	2.8	12
111	Rapid Increase in Cement-Related Mercury Emissions and Deposition in China during 2005–2015. Environmental Science & Technology, 2020, 54, 14204-14214.	4.6	11
112	Socioeconomic drivers of water withdrawals driven by provincial energy demand in China. Journal of Cleaner Production, 2020, 258, 120971.	4.6	11
113	Critical transmission sectors for provincial food-water nexus in China. Journal of Cleaner Production, 2021, 279, 123886.	4.6	11
114	Sustainability performance of global chemical industry based on green total factor productivity. Science of the Total Environment, 2022, 830, 154787.	3.9	11
115	Global Economic Structure Transition Boosts Atmospheric Mercury Emissions in China. Earth's Future, 2021, 9, e2021EF002076.	2.4	10
116	Mapping spatial supply chain paths for embodied water flows driven by food demand in China. Science of the Total Environment, 2021, 786, 147480.	3.9	8
117	Role of Trade in India's Rising Atmospheric Mercury Emissions. Environmental Science & Technology, 2022, 56, 790-803.	4.6	8
118	Co-benefits and trade-offs of environmental pressures: A case study of Zhejiang's socio-economic evolution. Journal of Cleaner Production, 2020, 255, 120365.	4.6	7
119	Planetary Boundaries for Forests and Their National Exceedance. Environmental Science & Technology, 2021, 55, 15423-15434.	4.6	7
120	Effects of economic structural transition on PM2.5-Related Human Health Impacts in China. Journal of Cleaner Production, 2021, 298, 126793.	4.6	5
121	Socioeconomic determinants for the changing food-related scarce water uses in Chinese regions. Journal of Cleaner Production, 2021, 316, 128190.	4.6	5
122	Evaluating the synergy strength among environmental pressures at the sectoral level of China from the producer, consumer and supplier perspectives. Journal of Cleaner Production, 2020, 275, 124199.	4.6	3
123	Sustainable Urban Solid Waste Management from both Life Cycle and Urban Metabolism Perspectives. , 2012, , .		1
124	Forecast Modelling via Variations in Binary Image-Encoded Information Exploited by Deep Learning Neural Networks. PLoS ONE, 2016, 11, e0157028.	1.1	1
125	Virtual Special Issue on Resource Footprints of Humanity: Call for Papers. Resources, Conservation and Recycling, 2017, 126, A2-A3.	5.3	1
126	Resource footprints of humanity. Resources, Conservation and Recycling, 2018, 132, 267-268.	5.3	1

#	Article	IF	CITATIONS
127	Cascading costs of snow cover reduction trend in northern hemisphere. Science of the Total Environment, 2021, 806, 150970.	3.9	1
128	Inequality of household consumption and PM <sub>2.5</sub> footprint across socioeconomic groups in China. Environmental Research Letters, 2022, 17, 044019.	2.2	1
129	The distributed environmental benefits from driving electrical vehicles— evidence from China. Resources, Conservation and Recycling, 2022, 182, 106338.	5.3	1