Huijuan Dong

List of Publications by Year
in descending order

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74 papers	4,301 citations	81839 39 h-index	110317 64 g-index
77 all docs	77 docs citations	77 times ranked	3554 citing authors

#	Article	IF	Citations
1	Economic Impacts from PM_{2.5} Pollution-Related Health Effects in China: A Provincial-Level Analysis. Environmental Science & Technology, 2016, 50, 4836-4843.	4.6	301
2	Pursuing air pollutant co-benefits of CO 2 mitigation in China: A provincial leveled analysis. Applied Energy, 2015, 144, 165-174.	5.1	199
3	Environmental and economic gains of industrial symbiosis for Chinese iron/steel industry: Kawasaki's experience and practice in Liuzhou and Jinan. Journal of Cleaner Production, 2013, 59, 226-238.	4.6	145
4	Regional water footprint evaluation in China: A case of Liaoning. Science of the Total Environment, 2013, 442, 215-224.	3.9	137
5	Exploring impact of carbon tax on Chinaâ€™s CO 2 reductions and provincial disparities. Renewable and Sustainable Energy Reviews, 2017, 77, 596-603.	8.2	135
6	Carbon footprint evaluation at industrial park level: A hybrid life cycle assessment approach. Energy Policy, 2013, 57, 298-307.	4.2	130
7	Changes of CO 2 emissions embodied in Chinaâ€“Japan trade: drivers and implications. Journal of Cleaner Production, 2016, 112, 4151-4158.	4.6	128
8	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. Journal of Cleaner Production, 2017, 162, 61-70.	4.6	125
9	An overview of Chinaâ€™s recyclable waste recycling and recommendations for integrated solutions. Resources, Conservation and Recycling, 2018, 134, 112-120.	5.3	123
10	Emergy-based assessment on industrial symbiosis: a case of Shenyang Economic and Technological Development Zone. Environmental Science and Pollution Research, 2014, 21, 13572-13587.	2.7	107
11	Policy impacts on Municipal Solid Waste management in Shanghai: A system dynamics model analysis. Journal of Cleaner Production, 2020, 262, 121366.	4.6	107
12	Contributing to local policy making on GHG emission reduction through inventorying and attribution: A case study of Shenyang, China. Energy Policy, 2011, 39, 5999-6010.	4.2	105
13	Achieving carbon emission reduction through industrial & urban symbiosis: A case of Kawasaki. Energy, 2014, 64, 277-286.	4.5	102
14	Spatial-temporal patterns and driving factors for industrial wastewater emission in China. Journal of Cleaner Production, 2014, 76, 116-124.	4.6	101
15	Uncovering regional disparity of China's water footprint and inter-provincial virtual water flows. Science of the Total Environment, 2014, 500-501, 120-130.	3.9	100
16	Social network analysis on industrial symbiosis: A case of Gujiao eco-industrial park. Journal of Cleaner Production, 2018, 193, 414-423.	4.6	97
17	Urban ecological footprint analysis: a comparative study between Shenyang in China and Kawasaki in Japan. Journal of Cleaner Production, 2014, 75, 130-142.	4.6	80
18	China's provincial grey water footprint characteristic and driving forces. Science of the Total Environment, 2019, 677, 427-435.	3.9	80

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19	A review on eco-city evaluation methods and highlights for integration. Ecological Indicators, 2016, 60, 1184-1191.	2.6	75
20	An overview of the municipal solid waste management modes and innovations in Shanghai, China. Environmental Science and Pollution Research, 2020, 27, 29943-29953.	2.7	75
21	How to achieve Chinaâ€™s CO2 emission reduction targets by provincial efforts? â€“ An analysis based on generalized Divisia index and dynamic scenario simulation. Renewable and Sustainable Energy Reviews, 2020, 127, 109892.	8.2	73
22	An Overview of Chinese Green Building Standards. Sustainable Development, 2012, 20, 211-221.	6.9	71
23	Life cycle assessment of gold production in China. Journal of Cleaner Production, 2018, 179, 143-150.	4.6	70
24	Evaluating the water footprint of the energy supply of Liaoning Province, China: A regional inputâ€“output analysis approach. Energy Policy, 2015, 78, 148-157.	4.2	68
25	An emergy-based hybrid method for assessing industrial symbiosis ofÂan industrial park. Journal of Cleaner Production, 2016, 114, 132-140.	4.6	63
26	A comprehensive evaluation on industrial & urban symbiosis by combining MFA, carbon footprint and emergy methodsâ€”Case of Kawasaki, Japan. Ecological Indicators, 2017, 73, 513-524.	2.6	63
27	Regional household carbon footprint in China: a case of Liaoning province. Journal of Cleaner Production, 2016, 114, 401-411.	4.6	61
28	Emergy-based ecological footprint analysis for a mega-city: The dynamic changes of Shanghai. Journal of Cleaner Production, 2019, 210, 552-562.	4.6	61
29	Cost-effectiveness analysis of China's Sulfur dioxide control strategy at the regional level: regional disparity, inequity and future challenges. Journal of Cleaner Production, 2015, 90, 345-359.	4.6	60
30	Emergy-based sustainability assessment on natural resource utilization in 30 Chinese provinces. Journal of Cleaner Production, 2016, 133, 18-27.	4.6	60
31	Sustainability evaluation of secondary lead production from spent lead acid batteries recycling. Resources, Conservation and Recycling, 2019, 140, 13-22.	5.3	58
32	Uncovering driving forces on urban metabolismâ€”A case of Shenyang. Journal of Cleaner Production, 2016, 114, 171-179.	4.6	56
33	Water footprint characteristic of less developed water-rich regions: Case of Yunnan, China. Water Research, 2018, 141, 208-216.	5.3	55
34	Improving waste to energy rate by promoting an integrated municipal solid-waste management system. Resources, Conservation and Recycling, 2018, 136, 289-296.	5.3	55
35	Impacts of SO2 taxations and renewable energy development on CO2, NOx and SO2 emissions in Jing-Jin-Ji region. Journal of Cleaner Production, 2018, 171, 1386-1395.	4.6	53
36	Toward sustainable crop production in China: An emergy-based evaluation. Journal of Cleaner Production, 2019, 206, 11-26.	4.6	53

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37	Uncovering driving forces on greenhouse gas emissions in Chinaâ€™ aluminum industry from the perspective of life cycle analysis. Applied Energy, 2016, 166, 253-263.	5.1	50
38	Uncovering energy saving and carbon reduction potential from recycling wastes: A case of Shanghai in China. Journal of Cleaner Production, 2018, 205, 27-35.	4.6	46
39	A bibliometric analysis on waste electrical and electronic equipment research. Environmental Science and Pollution Research, 2019, 26, 21098-21108.	2.7	45
40	An emergy accounting based regional sustainability evaluation: A case of Qinghai in China. Ecological Indicators, 2018, 88, 152-160.	2.6	38
41	A benchmark city-level carbon dioxide emission inventory for China in 2005. Applied Energy, 2019, 233-234, 659-673.	5.1	36
42	Carbon neutrality prediction of municipal solid waste treatment sector under the shared socioeconomic pathways. Resources, Conservation and Recycling, 2022, 186, 106528.	5.3	34
43	Optimization of recyclable MSW recycling network: A Chinese case of Shanghai. Waste Management, 2020, 102, 763-772.	3.7	33
44	Machine learning based prediction for China's municipal solid waste under the shared socioeconomic pathways. Journal of Environmental Management, 2022, 312, 114918.	3.8	33
45	Emergy-based comparative analysis on industrial clusters: economic and technological development zone of Shenyang area, China. Environmental Science and Pollution Research, 2014, 21, 10243-10253.	2.7	32
46	Greenhouse gas emission mitigation potential from municipal solid waste treatment: A combined SD-LMDI model. Waste Management, 2021, 120, 725-733.	3.7	30
47	Technical and economic assessment of RES penetration by modelling China's existing energy system. Energy, 2018, 165, 900-910.	4.5	28
48	Emergy-based assessment on the brownfield redevelopment of one old industrial area: a case of Tiexi in China. Journal of Cleaner Production, 2016, 114, 150-159.	4.6	27
49	Effect of environmental regulations on China's graphite export. Journal of Cleaner Production, 2017, 161, 327-334.	4.6	26
50	Energy-saving and carbon emission reduction effect of urban-industrial symbiosis implementation with feasibility analysis in the city. Technological Forecasting and Social Change, 2020, 151, 119853.	6.2	26
51	Efficient distribution of carbon emissions reduction targets at the city level: A case of Yangtze River Delta region. Journal of Cleaner Production, 2018, 172, 1711-1721.	4.6	24
52	Three accounts for regional carbon emissions from both fossil energy consumption and industrial process. Energy, 2014, 67, 276-283.	4.5	23
53	Comparative analysis of recycling industry development in Japan following the Eco-Town program for eco-industrial development. Journal of Cleaner Production, 2016, 114, 95-102.	4.6	23
54	An emergy based sustainability evaluation on a combined landfill and LFG power generation system. Energy, 2018, 143, 310-322.	4.5	23

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55	Sustainability assessment of one industrial region: A combined method of emergy analysis and IPAT (Human Impact Population Affluence Technology). Energy, 2016, 107, 818-830.	4.5	22
56	Trends and driving forces of low-carbon energy technology innovation in Chinaâ€™s industrial sectors from 1998 to 2017: from a regional perspective. Frontiers in Energy, 2021, 15, 473-486.	1.2	22
57	Contribution to a low-carbon society from improving exergy of waste-to-energy system by upgrading utilization of waste. Resources, Conservation and Recycling, 2019, 149, 586-594.	5.3	21
58	Insights into the Regional Greenhouse Gas (GHG) Emission of Industrial Processes: A Case Study of Shenyang, China. Sustainability, 2014, 6, 3669-3685.	1.6	19
59	Energy-related greenhouse gas emission features in Chinaâ€™s energy supply region: the case of Xinjiang. Renewable and Sustainable Energy Reviews, 2016, 54, 15-24.	8.2	19
60	Virtual water flow feature of water-rich province and the enlightenments: Case of Yunnan in China. Journal of Cleaner Production, 2019, 235, 328-336.	4.6	19
61	Grey water footprint evaluation and driving force analysis of eight economic regions in China. Environmental Science and Pollution Research, 2020, 27, 20380-20391.	2.7	19
62	Evaluating Environmental Performance of Industrial Park Development: The Case of Shenyang. Journal of Industrial Ecology, 2018, 22, 1402-1412.	2.8	18
63	Emergy-based indicators of the environmental impacts and driving forces of non-point source pollution from crop production in China. Ecological Indicators, 2021, 121, 107023.	2.6	18
64	Low carbon potential of urban symbiosis under different municipal solid waste sorting modes based on a system dynamic method. Resources, Conservation and Recycling, 2022, 179, 106108.	5.3	18
65	New insights from grey water footprint assessment: An industrial park level. Journal of Cleaner Production, 2021, 285, 124915.	4.6	16
66	Uncovering the overcapacity feature of China's industry and the environmental & health co-benefits from de-capacity. Journal of Environmental Management, 2022, 308, 114645.	3.8	14
67	Uncovering the differences of household carbon footprints and driving forces between China and Japan. Energy Policy, 2022, 165, 112990.	4.2	13
68	Environmental damage cost assessment from municipal solid waste treatment based on LIME3 model. Waste Management, 2021, 125, 249-256.	3.7	11
69	Uncover Cost-Benefit Disparity of Municipal Solid Waste Incineration in Chinese Provinces. Sustainability, 2020, 12, 697.	1.6	9
70	Eco-industrial development around the globe: recent progress and continuing challenges. Resources, Conservation and Recycling, 2017, 127, A1-A2.	5.3	5
71	Life cycle environmental benefit and waste-to-energy potential of municipal solid waste management scenarios in Indonesia. Journal of Material Cycles and Waste Management, 2022, 24, 1859-1877.	1.6	5
72	An Emergy and Decomposition Assessment of Chinaâ€™s Crop Production: Sustainability and Driving Forces. Sustainability, 2018, 10, 3938.	1.6	4

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73	Life cycle costâ€“benefit efficiency of food waste treatment technologies in China. Environment, Development and Sustainability, 2023, 25, 4935-4956.	2.7	4
74	Kawasaki, Japan. , 2017, , 149-153.		0