

Huijuan Dong

List of Publications by Year in descending order

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74
papers

4,301
citations

93792

39
h-index

124990

64
g-index

77
all docs

77
docs citations

77
times ranked

4028
citing authors

#	ARTICLE	IF	CITATIONS
1	Life cycle cost-benefit efficiency of food waste treatment technologies in China. <i>Environment, Development and Sustainability</i> , 2023, 25, 4935-4956.	2.7	4
2	Low carbon potential of urban symbiosis under different municipal solid waste sorting modes based on a system dynamic method. <i>Resources, Conservation and Recycling</i> , 2022, 179, 106108.	5.3	18
3	Uncovering the overcapacity feature of China's industry and the environmental & health co-benefits from de-capacity. <i>Journal of Environmental Management</i> , 2022, 308, 114645.	3.8	14
4	Machine learning based prediction for China's municipal solid waste under the shared socioeconomic pathways. <i>Journal of Environmental Management</i> , 2022, 312, 114918.	3.8	33
5	Uncovering the differences of household carbon footprints and driving forces between China and Japan. <i>Energy Policy</i> , 2022, 165, 112990.	4.2	13
6	Life cycle environmental benefit and waste-to-energy potential of municipal solid waste management scenarios in Indonesia. <i>Journal of Material Cycles and Waste Management</i> , 2022, 24, 1859-1877.	1.6	5
7	Carbon neutrality prediction of municipal solid waste treatment sector under the shared socioeconomic pathways. <i>Resources, Conservation and Recycling</i> , 2022, 186, 106528.	5.3	34
8	Energy-based indicators of the environmental impacts and driving forces of non-point source pollution from crop production in China. <i>Ecological Indicators</i> , 2021, 121, 107023.	2.6	18
9	New insights from grey water footprint assessment: An industrial park level. <i>Journal of Cleaner Production</i> , 2021, 285, 124915.	4.6	16
10	Greenhouse gas emission mitigation potential from municipal solid waste treatment: A combined SD-LMDI model. <i>Waste Management</i> , 2021, 120, 725-733.	3.7	30
11	Environmental damage cost assessment from municipal solid waste treatment based on LIME3 model. <i>Waste Management</i> , 2021, 125, 249-256.	3.7	11
12	Trends and driving forces of low-carbon energy technology innovation in China's industrial sectors from 1998 to 2017: from a regional perspective. <i>Frontiers in Energy</i> , 2021, 15, 473-486.	1.2	22
13	Energy-saving and carbon emission reduction effect of urban-industrial symbiosis implementation with feasibility analysis in the city. <i>Technological Forecasting and Social Change</i> , 2020, 151, 119853.	6.2	26
14	Optimization of recyclable MSW recycling network: A Chinese case of Shanghai. <i>Waste Management</i> , 2020, 102, 763-772.	3.7	33
15	How to achieve China's CO ₂ emission reduction targets by provincial efforts? An analysis based on generalized Divisia index and dynamic scenario simulation. <i>Renewable and Sustainable Energy Reviews</i> , 2020, 127, 109892.	8.2	73
16	An overview of the municipal solid waste management modes and innovations in Shanghai, China. <i>Environmental Science and Pollution Research</i> , 2020, 27, 29943-29953.	2.7	75
17	Uncover Cost-Benefit Disparity of Municipal Solid Waste Incineration in Chinese Provinces. <i>Sustainability</i> , 2020, 12, 697.	1.6	9
18	Grey water footprint evaluation and driving force analysis of eight economic regions in China. <i>Environmental Science and Pollution Research</i> , 2020, 27, 20380-20391.	2.7	19

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19	Policy impacts on Municipal Solid Waste management in Shanghai: A system dynamics model analysis. <i>Journal of Cleaner Production</i> , 2020, 262, 121366.	4.6	107
20	Contribution to a low-carbon society from improving exergy of waste-to-energy system by upgrading utilization of waste. <i>Resources, Conservation and Recycling</i> , 2019, 149, 586-594.	5.3	21
21	Virtual water flow feature of water-rich province and the enlightenments: Case of Yunnan in China. <i>Journal of Cleaner Production</i> , 2019, 235, 328-336.	4.6	19
22	A bibliometric analysis on waste electrical and electronic equipment research. <i>Environmental Science and Pollution Research</i> , 2019, 26, 21098-21108.	2.7	45
23	China's provincial grey water footprint characteristic and driving forces. <i>Science of the Total Environment</i> , 2019, 677, 427-435.	3.9	80
24	A benchmark city-level carbon dioxide emission inventory for China in 2005. <i>Applied Energy</i> , 2019, 233-234, 659-673.	5.1	36
25	Emergy-based ecological footprint analysis for a mega-city: The dynamic changes of Shanghai. <i>Journal of Cleaner Production</i> , 2019, 210, 552-562.	4.6	61
26	Sustainability evaluation of secondary lead production from spent lead acid batteries recycling. <i>Resources, Conservation and Recycling</i> , 2019, 140, 13-22.	5.3	58
27	Toward sustainable crop production in China: An emergy-based evaluation. <i>Journal of Cleaner Production</i> , 2019, 206, 11-26.	4.6	53
28	An emergy accounting based regional sustainability evaluation: A case of Qinghai in China. <i>Ecological Indicators</i> , 2018, 88, 152-160.	2.6	38
29	Life cycle assessment of gold production in China. <i>Journal of Cleaner Production</i> , 2018, 179, 143-150.	4.6	70
30	Evaluating Environmental Performance of Industrial Park Development: The Case of Shenyang. <i>Journal of Industrial Ecology</i> , 2018, 22, 1402-1412.	2.8	18
31	Water footprint characteristic of less developed water-rich regions: Case of Yunnan, China. <i>Water Research</i> , 2018, 141, 208-216.	5.3	55
32	An overview of China's recyclable waste recycling and recommendations for integrated solutions. <i>Resources, Conservation and Recycling</i> , 2018, 134, 112-120.	5.3	123
33	An emergy based sustainability evaluation on a combined landfill and LFG power generation system. <i>Energy</i> , 2018, 143, 310-322.	4.5	23
34	Impacts of SO ₂ taxations and renewable energy development on CO ₂ , NO _x and SO ₂ emissions in Jing-Jin-Ji region. <i>Journal of Cleaner Production</i> , 2018, 171, 1386-1395.	4.6	53
35	Efficient distribution of carbon emissions reduction targets at the city level: A case of Yangtze River Delta region. <i>Journal of Cleaner Production</i> , 2018, 172, 1711-1721.	4.6	24
36	An Emergy and Decomposition Assessment of China's Crop Production: Sustainability and Driving Forces. <i>Sustainability</i> , 2018, 10, 3938.	1.6	4

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37	Technical and economic assessment of RES penetration by modelling China's existing energy system. Energy, 2018, 165, 900-910.	4.5	28
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	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
40	Social network analysis on industrial symbiosis: A case of Gujiao eco-industrial park. Journal of Cleaner Production, 2018, 193, 414-423.	4.6	97
41	Exploring impact of carbon tax on China's CO ₂ reductions and provincial disparities. Renewable and Sustainable Energy Reviews, 2017, 77, 596-603.	8.2	135
42	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
43	Effect of environmental regulations on China's graphite export. Journal of Cleaner Production, 2017, 161, 327-334.	4.6	26
44	Eco-industrial development around the globe: recent progress and continuing challenges. Resources, Conservation and Recycling, 2017, 127, A1-A2.	5.3	5
45	A comprehensive evaluation on industrial & urban symbiosis by combining MFA, carbon footprint and emergy methods—Case of Kawasaki, Japan. Ecological Indicators, 2017, 73, 513-524.	2.6	63
46	Kawasaki, Japan. , 2017, , 149-153.		0
47	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
48	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
49	Emergy-based sustainability assessment on natural resource utilization in 30 Chinese provinces. Journal of Cleaner Production, 2016, 133, 18-27.	4.6	60
50	Uncovering driving forces on greenhouse gas emissions in China's aluminum industry from the perspective of life cycle analysis. Applied Energy, 2016, 166, 253-263.	5.1	50
51	Energy-related greenhouse gas emission features in China's energy supply region: the case of Xinjiang. Renewable and Sustainable Energy Reviews, 2016, 54, 15-24.	8.2	19
52	A review on eco-city evaluation methods and highlights for integration. Ecological Indicators, 2016, 60, 1184-1191.	2.6	75
53	Uncovering driving forces on urban metabolism—A case of Shenyang. Journal of Cleaner Production, 2016, 114, 171-179.	4.6	56
54	An emergy-based hybrid method for assessing industrial symbiosis of an industrial park. Journal of Cleaner Production, 2016, 114, 132-140.	4.6	63

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55	Regional household carbon footprint in China: a case of Liaoning province. <i>Journal of Cleaner Production</i> , 2016, 114, 401-411.	4.6	61
56	Energy-based assessment on the brownfield redevelopment of one old industrial area: a case of Tiexi in China. <i>Journal of Cleaner Production</i> , 2016, 114, 150-159.	4.6	27
57	Comparative analysis of recycling industry development in Japan following the Eco-Town program for eco-industrial development. <i>Journal of Cleaner Production</i> , 2016, 114, 95-102.	4.6	23
58	Changes of CO ₂ emissions embodied in China's Japan trade: drivers and implications. <i>Journal of Cleaner Production</i> , 2016, 112, 4151-4158.	4.6	128
59	Evaluating the water footprint of the energy supply of Liaoning Province, China: A regional input-output analysis approach. <i>Energy Policy</i> , 2015, 78, 148-157.	4.2	68
60	Cost-effectiveness analysis of China's Sulfur dioxide control strategy at the regional level: regional disparity, inequity and future challenges. <i>Journal of Cleaner Production</i> , 2015, 90, 345-359.	4.6	60
61	Pursuing air pollutant co-benefits of CO ₂ mitigation in China: A provincial leveled analysis. <i>Applied Energy</i> , 2015, 144, 165-174.	5.1	199
62	Insights into the Regional Greenhouse Gas (GHG) Emission of Industrial Processes: A Case Study of Shenyang, China. <i>Sustainability</i> , 2014, 6, 3669-3685.	1.6	19
63	Energy-based assessment on industrial symbiosis: a case of Shenyang Economic and Technological Development Zone. <i>Environmental Science and Pollution Research</i> , 2014, 21, 13572-13587.	2.7	107
64	Spatial-temporal patterns and driving factors for industrial wastewater emission in China. <i>Journal of Cleaner Production</i> , 2014, 76, 116-124.	4.6	101
65	Energy-based comparative analysis on industrial clusters: economic and technological development zone of Shenyang area, China. <i>Environmental Science and Pollution Research</i> , 2014, 21, 10243-10253.	2.7	32
66	Uncovering regional disparity of China's water footprint and inter-provincial virtual water flows. <i>Science of the Total Environment</i> , 2014, 500-501, 120-130.	3.9	100
67	Three accounts for regional carbon emissions from both fossil energy consumption and industrial process. <i>Energy</i> , 2014, 67, 276-283.	4.5	23
68	Urban ecological footprint analysis: a comparative study between Shenyang in China and Kawasaki in Japan. <i>Journal of Cleaner Production</i> , 2014, 75, 130-142.	4.6	80
69	Achieving carbon emission reduction through industrial & urban symbiosis: A case of Kawasaki. <i>Energy</i> , 2014, 64, 277-286.	4.5	102
70	Carbon footprint evaluation at industrial park level: A hybrid life cycle assessment approach. <i>Energy Policy</i> , 2013, 57, 298-307.	4.2	130
71	Environmental and economic gains of industrial symbiosis for Chinese iron/steel industry: Kawasaki's experience and practice in Liuzhou and Jinan. <i>Journal of Cleaner Production</i> , 2013, 59, 226-238.	4.6	145
72	Regional water footprint evaluation in China: A case of Liaoning. <i>Science of the Total Environment</i> , 2013, 442, 215-224.	3.9	137

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73	An Overview of Chinese Green Building Standards. Sustainable Development, 2012, 20, 211-221.	6.9	71
74	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