

Ling Shao

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

1,446
citations

331670

21
h-index

377865

34
g-index

34
all docs

34
docs citations

34
times ranked

908
citing authors

#	ARTICLE	IF	CITATIONS
1	Three-scale input-output modeling for urban economy: Carbon emission by Beijing 2007. Communications in Nonlinear Science and Numerical Simulation, 2013, 18, 2493-2506.	3.3	156
2	Carbon emission imbalances and the structural paths of Chinese regions. Applied Energy, 2018, 215, 396-404.	10.1	118
3	Water Footprint Assessment for Wastewater Treatment: Method, Indicator, and Application. Environmental Science & Technology, 2013, 47, 7787-7794.	10.0	113
4	Inventory and input-output analysis of CO2 emissions by fossil fuel consumption in Beijing 2007. Ecological Informatics, 2012, 12, 93-100.	5.2	88
5	Embodied energy consumption of building construction engineering: Case study in E-town, Beijing. Energy and Buildings, 2013, 64, 62-72.	6.7	86
6	Systems accounting for energy consumption and carbon emission by building. Communications in Nonlinear Science and Numerical Simulation, 2014, 19, 1859-1873.	3.3	79
7	Carbon emissions from fossil fuel consumption of Beijing in 2012. Environmental Research Letters, 2016, 11, 114028.	5.2	68
8	Embodied energy assessment for ecological wastewater treatment by a constructed wetland. Ecological Modelling, 2013, 252, 63-71.	2.5	65
9	Is solar power renewable and carbon-neutral: Evidence from a pilot solar tower plant in China under a systems view. Renewable and Sustainable Energy Reviews, 2021, 138, 110655.	16.4	58
10	Multi-scale input-output analysis of consumption-based water resources: Method and application. Journal of Cleaner Production, 2017, 164, 338-346.	9.3	57
11	Embodied water for urban economy: A three-scale input-output analysis for Beijing 2010. Ecological Modelling, 2015, 318, 19-25.	2.5	53
12	Environmental dispersion in a tidal flow through a depth-dominated wetland. Communications in Nonlinear Science and Numerical Simulation, 2012, 17, 5007-5025.	3.3	52
13	Renewable resource for agricultural ecosystem in China: Ecological benefit for biogas by-product for planting. Ecological Informatics, 2012, 12, 101-110.	5.2	50
14	Virtual water accounting for building: case study for E-town, Beijing. Journal of Cleaner Production, 2014, 68, 7-15.	9.3	48
15	Exergy based ecological footprint accounting for China. Ecological Modelling, 2013, 252, 83-96.	2.5	38
16	Renewability assessment of a production system: Based on embodied energy as emergy. Renewable and Sustainable Energy Reviews, 2016, 57, 380-392.	16.4	38
17	Systems ecological accounting for wastewater treatment engineering: Method, indicator and application. Ecological Indicators, 2014, 47, 32-42.	6.3	30
18	Energy-based hybrid evaluation for commercial construction engineering: A case study in BDA. Ecological Indicators, 2014, 47, 179-188.	6.3	28

#	ARTICLE	IF	CITATIONS
19	Changes and driving forces of urban consumption-based carbon emissions: A case study of Shanghai. <i>Journal of Cleaner Production</i> , 2020, 245, 118774.	9.3	28
20	Environmental dispersivity in free-water-surface-effect dominated wetland: multi-scale analysis. <i>Frontiers of Environmental Science and Engineering in China</i> , 2011, 5, 597-603.	0.8	27
21	Embodied water accounting and renewability assessment for ecological wastewater treatment. <i>Journal of Cleaner Production</i> , 2016, 112, 4628-4635.	9.3	23
22	Freshwater costs of seawater desalination: Systems process analysis for the case plant in China. <i>Journal of Cleaner Production</i> , 2019, 212, 677-686.	9.3	20
23	Exergy based renewability assessment: Case study to ecological wastewater treatment. <i>Ecological Indicators</i> , 2015, 58, 392-401.	6.3	18
24	Outsourcing natural resource requirements within China. <i>Journal of Environmental Management</i> , 2018, 228, 292-302.	7.8	17
25	Energy-Dominated Local Carbon Emissions in Beijing 2007: Inventory and Input-Output Analysis. <i>Scientific World Journal</i> , The, 2012, 2012, 1-10.	2.1	15
26	Comparison of greenhouse gas emission accounting for a constructed wetland wastewater treatment system. <i>Ecological Informatics</i> , 2012, 12, 85-92.	5.2	11
27	Production-based and Consumption-based Carbon Emissions of Beijing: Trend and Features. <i>Energy Procedia</i> , 2016, 104, 171-176.	1.8	11
28	Can constructed wetlands be more land efficient than centralized wastewater treatment systems? A case study based on direct and indirect land use. <i>Science of the Total Environment</i> , 2021, 770, 144841.	8.0	11
29	Embodied exergy-based assessment of energy and resource consumption of buildings. <i>Frontiers of Earth Science</i> , 2014, 8, 150-162.	2.1	10
30	Consumption-Based Carbon Emissions of Tianjin Based on Multi-Scale Input-Output Analysis. <i>Sustainability</i> , 2019, 11, 6270.	3.2	8
31	Unveiling land footprint of solar power: A pilot solar tower project in China. <i>Journal of Environmental Management</i> , 2021, 280, 111741.	7.8	8
32	Multiple accounting and driving factors of water resources use: A case study of Shanghai. <i>Journal of Environmental Management</i> , 2022, 313, 114929.	7.8	8
33	Systems Accounting for Carbon Emissions by Hydropower Plant. <i>Sustainability</i> , 2022, 14, 6939.	3.2	5
34	Ecological Accounting for a Constructed Wetland. <i>Developments in Environmental Modelling</i> , 2014, 26, 209-229.	0.3	1