

Ling Shao

List of Publications by Year in descending order

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34
papers

1,446
citations

331670

21
h-index

377865

34
g-index

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all docs

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docs citations

34
times ranked

908
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Systems Accounting for Carbon Emissions by Hydropower Plant. <i>Sustainability</i> , 2022, 14, 6939.	3.2	5
3	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
4	Is solar power renewable and carbon-neutral: Evidence from a pilot solar tower plant in China under a systems view. <i>Renewable and Sustainable Energy Reviews</i> , 2021, 138, 110655.	16.4	58
5	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
6	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
7	Consumption-Based Carbon Emissions of Tianjin Based on Multi-Scale Input–Output Analysis. <i>Sustainability</i> , 2019, 11, 6270.	3.2	8
8	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
9	Carbon emission imbalances and the structural paths of Chinese regions. <i>Applied Energy</i> , 2018, 215, 396-404.	10.1	118
10	Outsourcing natural resource requirements within China. <i>Journal of Environmental Management</i> , 2018, 228, 292-302.	7.8	17
11	Multi-scale input-output analysis of consumption-based water resources: Method and application. <i>Journal of Cleaner Production</i> , 2017, 164, 338-346.	9.3	57
12	Production-based and Consumption-based Carbon Emissions of Beijing: Trend and Features. <i>Energy Procedia</i> , 2016, 104, 171-176.	1.8	11
13	Carbon emissions from fossil fuel consumption of Beijing in 2012. <i>Environmental Research Letters</i> , 2016, 11, 114028.	5.2	68
14	Renewability assessment of a production system: Based on embodied energy as emergy. <i>Renewable and Sustainable Energy Reviews</i> , 2016, 57, 380-392.	16.4	38
15	Embodied water accounting and renewability assessment for ecological wastewater treatment. <i>Journal of Cleaner Production</i> , 2016, 112, 4628-4635.	9.3	23
16	Exergy based renewability assessment: Case study to ecological wastewater treatment. <i>Ecological Indicators</i> , 2015, 58, 392-401.	6.3	18
17	Embodied water for urban economy: A three-scale input–output analysis for Beijing 2010. <i>Ecological Modelling</i> , 2015, 318, 19-25.	2.5	53
18	Virtual water accounting for building: case study for E-town, Beijing. <i>Journal of Cleaner Production</i> , 2014, 68, 7-15.	9.3	48

#	ARTICLE	IF	CITATIONS
19	Embodied exergy-based assessment of energy and resource consumption of buildings. <i>Frontiers of Earth Science</i> , 2014, 8, 150-162.	2.1	10
20	Ecological Accounting for a Constructed Wetland. <i>Developments in Environmental Modelling</i> , 2014, 26, 209-229.	0.3	1
21	Systems ecological accounting for wastewater treatment engineering: Method, indicator and application. <i>Ecological Indicators</i> , 2014, 47, 32-42.	6.3	30
22	Energy-based hybrid evaluation for commercial construction engineering: A case study in BDA. <i>Ecological Indicators</i> , 2014, 47, 179-188.	6.3	28
23	Systems accounting for energy consumption and carbon emission by building. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2014, 19, 1859-1873.	3.3	79
24	Embodied energy consumption of building construction engineering: Case study in E-town, Beijing. <i>Energy and Buildings</i> , 2013, 64, 62-72.	6.7	86
25	Exergy based ecological footprint accounting for China. <i>Ecological Modelling</i> , 2013, 252, 83-96.	2.5	38
26	Three-scale input-output modeling for urban economy: Carbon emission by Beijing 2007. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2013, 18, 2493-2506.	3.3	156
27	Water Footprint Assessment for Wastewater Treatment: Method, Indicator, and Application. <i>Environmental Science & Technology</i> , 2013, 47, 7787-7794.	10.0	113
28	Embodied energy assessment for ecological wastewater treatment by a constructed wetland. <i>Ecological Modelling</i> , 2013, 252, 63-71.	2.5	65
29	Comparison of greenhouse gas emission accounting for a constructed wetland wastewater treatment system. <i>Ecological Informatics</i> , 2012, 12, 85-92.	5.2	11
30	Environmental dispersion in a tidal flow through a depth-dominated wetland. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2012, 17, 5007-5025.	3.3	52
31	Renewable resource for agricultural ecosystem in China: Ecological benefit for biogas by-product for planting. <i>Ecological Informatics</i> , 2012, 12, 101-110.	5.2	50
32	Inventory and input-output analysis of CO ₂ emissions by fossil fuel consumption in Beijing 2007. <i>Ecological Informatics</i> , 2012, 12, 93-100.	5.2	88
33	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
34	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