

Bin Lu

List of Publications by Year in descending order

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27
papers

928
citations

567281

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580821

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29
all docs

29
docs citations

29
times ranked

984
citing authors

#	ARTICLE	IF	CITATIONS
1	Generation estimation and material flow analysis of retired mobile phones in China. <i>Environmental Science and Pollution Research</i> , 2022, 29, 75626-75635.	5.3	4
2	Uncovering the in-use metal stocks and implied recycling potential in electric vehicle batteries considering cascaded use: a case study of China. <i>Environmental Science and Pollution Research</i> , 2021, 28, 45867-45878.	5.3	11
3	Life cycle greenhouse gas emissions of aluminum based on regional industrial transfer in China. <i>Journal of Industrial Ecology</i> , 2021, 25, 1657-1672.	5.5	14
4	Simulating the interprovincial movements of waste mobile phones in China based on the current disassembly capacity. <i>Journal of Cleaner Production</i> , 2020, 244, 118776.	9.3	12
5	Environmental Management of E-waste in China. , 2019, , 285-310.		5
6	Water footprints of energy sources in China: Exploring options to improve water efficiency. <i>Journal of Cleaner Production</i> , 2018, 174, 1021-1031.	9.3	64
7	Perspectives on reuse of WEEE in China: Lessons from the EU. <i>Resources, Conservation and Recycling</i> , 2018, 135, 83-92.	10.8	48
8	Life cycle assessment-based selection of a sustainable lightweight automotive engine hood design. <i>International Journal of Life Cycle Assessment</i> , 2017, 22, 1373-1383.	4.7	38
9	An updated review and conceptual model for optimizing WEEE management in China from a life cycle perspective. <i>Frontiers of Environmental Science and Engineering</i> , 2017, 11, 1.	6.0	27
10	Comparison on End-of-Life strategies of WEEE in China based on LCA. <i>Frontiers of Environmental Science and Engineering</i> , 2017, 11, 1.	6.0	18
11	Substance flow analysis of lithium for sustainable management in mainland China: 2007-2014. <i>Resources, Conservation and Recycling</i> , 2017, 119, 109-116.	10.8	45
12	From Centralized Disassembly to Life Cycle Management: Status and Progress of E-waste Treatment System in China. <i>IOP Conference Series: Earth and Environmental Science</i> , 2017, 51, 012005.	0.3	3
13	Life cycle assessment of Chinese radial passenger vehicle tire. <i>International Journal of Life Cycle Assessment</i> , 2016, 21, 1749-1758.	4.7	20
14	Carbon footprint of laptops for export from China: empirical results and policy implications. <i>Journal of Cleaner Production</i> , 2016, 113, 674-680.	9.3	11
15	The life cycle rebound effect of air-conditioner consumption in China. <i>Applied Energy</i> , 2016, 184, 1026-1032.	10.1	33
16	Life cycle inventory analysis of provincial thermal electricity in China. <i>Acta Ecologica Sinica</i> , 2016, 36, .	0.1	3
17	The environmental impact of technology innovation on WEEE management by Multi-Life Cycle Assessment. <i>Journal of Cleaner Production</i> , 2015, 89, 148-158.	9.3	39
18	Estimation of retired mobile phones generation in China: A comparative study on methodology. <i>Waste Management</i> , 2015, 35, 247-254.	7.4	106

#	ARTICLE	IF	CITATIONS
19	Generation estimation of waste electrical and electronic equipment (WEEE): methods review and selection strategy. <i>Acta Ecologica Sinica</i> , 2015, 35, .	0.1	1
20	Reusability based on Life Cycle Sustainability Assessment: Case Study on WEEE. <i>Procedia CIRP</i> , 2014, 15, 473-478.	1.9	45
21	Identification and assessment of environmental burdens of Chinese copper production from a life cycle perspective. <i>Frontiers of Environmental Science and Engineering</i> , 2014, 8, 580-588.	6.0	19
22	Definition and evaluation indicators of ecological industrial park's complex eco-efficiency. <i>Acta Ecologica Sinica</i> , 2014, 34, .	0.1	2
23	Exploring the life cycle management of industrial solid waste in the case of copper slag. <i>Waste Management and Research</i> , 2013, 31, 625-633.	3.9	8
24	Survey on Disposal Behaviour and Awareness of Mobile Phones in Chinese University Students. <i>Procedia Environmental Sciences</i> , 2012, 16, 469-476.	1.4	41
25	Current Status and Future Perspective of Waste Printed Circuit Boards Recycling. <i>Procedia Environmental Sciences</i> , 2012, 16, 590-597.	1.4	78
26	WEEE flow and mitigating measures in China. <i>Waste Management</i> , 2008, 28, 1589-1597.	7.4	229
27	Rethinking of recycling and reuse options of obsolete personal computers in China. , 2008, , .		3