

# Jinhui Li

## List of Publications by Year in descending order

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223  
papers

14,970  
citations

12322

69  
h-index

23514

111  
g-index

231  
all docs

231  
docs citations

231  
times ranked

9855  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recycling of Spent Lithium-Ion Battery: A Critical Review. <i>Critical Reviews in Environmental Science and Technology</i> , 2014, 44, 1129-1165.	6.6	636
2	Novel approach to recover cobalt and lithium from spent lithium-ion battery using oxalic acid. <i>Journal of Hazardous Materials</i> , 2015, 295, 112-118.	6.5	390
3	Minimizing the increasing solid waste through zero waste strategy. <i>Journal of Cleaner Production</i> , 2015, 104, 199-210.	4.6	351
4	Global status of recycling waste solar panels: A review. <i>Waste Management</i> , 2018, 75, 450-458.	3.7	327
5	Single-use plastics: Production, usage, disposal, and adverse impacts. <i>Science of the Total Environment</i> , 2021, 752, 141772.	3.9	281
6	Environmental pollution of electronic waste recycling in India: A critical review. <i>Environmental Pollution</i> , 2016, 211, 259-270.	3.7	266
7	Solving spent lithium-ion battery problems in China: Opportunities and challenges. <i>Renewable and Sustainable Energy Reviews</i> , 2015, 52, 1759-1767.	8.2	258
8	Uncovering the Recycling Potential of "New" WEEE in China. <i>Environmental Science &amp; Technology</i> , 2016, 50, 1347-1358.	4.6	256
9	A combined recovery process of metals in spent lithium-ion batteries. <i>Chemosphere</i> , 2009, 77, 1132-1136.	4.2	250
10	Urban Mining of E-Waste is Becoming More Cost-Effective Than Virgin Mining. <i>Environmental Science &amp; Technology</i> , 2018, 52, 4835-4841.	4.6	246
11	Environmental effects of heavy metals derived from the e-waste recycling activities in China: A systematic review. <i>Waste Management</i> , 2014, 34, 2587-2594.	3.7	202
12	"Control-Alt-Delete": Rebooting Solutions for the E-Waste Problem. <i>Environmental Science &amp; Technology</i> , 2015, 49, 7095-7108.	4.6	198
13	Hazardous waste generation and management in China: A review. <i>Journal of Hazardous Materials</i> , 2008, 158, 221-227.	6.5	192
14	A review on human health consequences of metals exposure to e-waste in China. <i>Environmental Pollution</i> , 2015, 196, 450-461.	3.7	191
15	An international comparative study of end-of-life vehicle (ELV) recycling systems. <i>Journal of Material Cycles and Waste Management</i> , 2014, 16, 1-20.	1.6	190
16	A systematic review of the human body burden of e-waste exposure in China. <i>Environment International</i> , 2014, 68, 82-93.	4.8	188
17	Current status and research on E-waste issues in Asia. <i>Journal of Material Cycles and Waste Management</i> , 2006, 8, 1-12.	1.6	187
18	Recovery of valuable materials from waste liquid crystal display panel. <i>Waste Management</i> , 2009, 29, 2033-2039.	3.7	185

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19	Rare Earth Elements Recovery from Waste Fluorescent Lamps: A Review. <i>Critical Reviews in Environmental Science and Technology</i> , 2015, 45, 749-776.	6.6	180
20	Characterization and Inventory of PCDD/Fs and PBDD/Fs Emissions from the Incineration of Waste Printed Circuit Board. <i>Environmental Science &amp; Technology</i> , 2011, 45, 6322-6328.	4.6	179
21	Management of electrical and electronic waste: A comparative evaluation of China and India. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 76, 434-447.	8.2	174
22	Circular economy and electronic waste. <i>Nature Electronics</i> , 2019, 2, 86-89.	13.1	171
23	Examining the technology acceptance for dismantling of waste printed circuit boards in light of recycling and environmental concerns. <i>Journal of Environmental Management</i> , 2011, 92, 392-399.	3.8	158
24	Innovating e-waste management: From macroscopic to microscopic scales. <i>Science of the Total Environment</i> , 2017, 575, 1-5.	3.9	157
25	An analysis of the plastic waste trade and management in Asia. <i>Waste Management</i> , 2021, 119, 242-253.	3.7	151
26	Examining environmental management of e-waste: China's experience and lessons. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 72, 1076-1082.	8.2	142
27	An overview of global power lithium-ion batteries and associated critical metal recycling. <i>Journal of Hazardous Materials</i> , 2022, 425, 127900.	6.5	141
28	Regional or global WEEE recycling. Where to go?. <i>Waste Management</i> , 2013, 33, 923-934.	3.7	140
29	Residents' behaviors, attitudes, and willingness to pay for recycling e-waste in Macau. <i>Journal of Environmental Management</i> , 2012, 106, 8-16.	3.8	139
30	Heavy metal contamination of surface soil in electronic waste dismantling area: site investigation and source-apportionment analysis. <i>Waste Management and Research</i> , 2011, 29, 727-738.	2.2	138
31	Innovative application of ionic liquid to separate Al and cathode materials from spent high-power lithium-ion batteries. <i>Journal of Hazardous Materials</i> , 2014, 271, 50-56.	6.5	137
32	Recovery of rare and precious metals from urban mines—A review. <i>Frontiers of Environmental Science and Engineering</i> , 2017, 11, 1.	3.3	132
33	Recycling Metals from Wastes: A Novel Application of Mechanochemistry. <i>Environmental Science &amp; Technology</i> , 2015, 49, 5849-5861.	4.6	127
34	A low-toxicity and high-efficiency deep eutectic solvent for the separation of aluminum foil and cathode materials from spent lithium-ion batteries. <i>Journal of Hazardous Materials</i> , 2019, 380, 120846.	6.5	127
35	Perspective of electronic waste management in China based on a legislation comparison between China and the EU. <i>Journal of Cleaner Production</i> , 2013, 51, 80-87.	4.6	122
36	Effects of thermal pretreatment on the biomethane yield and hydrolysis rate of kitchen waste. <i>Applied Energy</i> , 2016, 172, 47-58.	5.1	121

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37	Status quo of e-waste management in mainland China. <i>Journal of Material Cycles and Waste Management</i> , 2006, 8, 13-20.	1.6	120
38	Environmental performance of municipal solid waste strategies based on LCA method: a case study of Macau. <i>Journal of Cleaner Production</i> , 2013, 57, 92-100.	4.6	119
39	Modelling the correlations of e-waste quantity with economic increase. <i>Science of the Total Environment</i> , 2018, 613-614, 46-53.	3.9	113
40	Ecodesign in Consumer Electronics: <i>Past, Present, and Future</i> . <i>Critical Reviews in Environmental Science and Technology</i> , 2015, 45, 840-860.	6.6	112
41	Acid-Free and Selective Extraction of Lithium from Spent Lithium Iron Phosphate Batteries via a Mechanochemically Induced Isomorphic Substitution. <i>Environmental Science &amp; Technology</i> , 2019, 53, 9781-9788.	4.6	112
42	Measuring the recyclability of e-waste: an innovative method and its implications. <i>Journal of Cleaner Production</i> , 2016, 131, 156-162.	4.6	110
43	Solving e-waste problem using an integrated mobile recycling plant. <i>Journal of Cleaner Production</i> , 2015, 90, 55-59.	4.6	108
44	Innovated Application of Mechanical Activation To Separate Lead from Scrap Cathode Ray Tube Funnel Glass. <i>Environmental Science &amp; Technology</i> , 2012, 46, 4109-4114.	4.6	106
45	Environmental pollution and human body burden from improper recycling of e-waste in China: A short-review. <i>Environmental Pollution</i> , 2018, 243, 1310-1316.	3.7	103
46	Unveiling the Role and Mechanism of Mechanochemical Activation on Lithium Cobalt Oxide Powders from Spent Lithium-Ion Batteries. <i>Environmental Science &amp; Technology</i> , 2018, 52, 13136-13143.	4.6	102
47	Life cycle assessment study of a Chinese desktop personal computer. <i>Science of the Total Environment</i> , 2009, 407, 1755-1764.	3.9	100
48	Relationship between e-waste recycling and human health risk in India: a critical review. <i>Environmental Science and Pollution Research</i> , 2016, 23, 11509-11532.	2.7	98
49	A critical review on the sources and instruments of marine microplastics and prospects on the relevant management in China. <i>Waste Management and Research</i> , 2018, 36, 898-911.	2.2	98
50	Characteristic of low-temperature pyrolysis of printed circuit boards subjected to various atmosphere. <i>Resources, Conservation and Recycling</i> , 2010, 54, 810-815.	5.3	97
51	Global responses for recycling waste CRTs in e-waste. <i>Waste Management</i> , 2016, 57, 187-197.	3.7	95
52	An overview of the potential of eco-friendly hybrid strategy for metal recycling from WEEE. <i>Resources, Conservation and Recycling</i> , 2017, 126, 228-239.	5.3	94
53	Remanufacturing strategies: A solution for WEEE problem. <i>Journal of Cleaner Production</i> , 2017, 149, 126-136.	4.6	92
54	Efficient Separation of Aluminum Foil and Cathode Materials from Spent Lithium-Ion Batteries Using a Low-Temperature Molten Salt. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 8287-8294.	3.2	92

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55	Mapping anthropogenic mineral generation in China and its implications for a circular economy. <i>Nature Communications</i> , 2020, 11, 1544.	5.8	91
56	A review of waste prevention through 3R under the concept of circular economy in China. <i>Journal of Material Cycles and Waste Management</i> , 2017, 19, 1314-1323.	1.6	89
57	Effects of thermal pretreatment on degradation kinetics of organics during kitchen waste anaerobic digestion. <i>Energy</i> , 2017, 118, 377-386.	4.5	83
58	High-value utilization of graphite electrodes in spent lithium-ion batteries: From 3D waste graphite to 2D graphene oxide. <i>Journal of Hazardous Materials</i> , 2021, 401, 123715.	6.5	83
59	Green Process of Metal Recycling: Coprocessing Waste Printed Circuit Boards and Spent Tin Stripping Solution. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 3524-3534.	3.2	81
60	Repercussions of COVID-19 pandemic on solid waste generation and management strategies. <i>Frontiers of Environmental Science and Engineering</i> , 2021, 15, 115.	3.3	80
61	Current Status and Future Perspective of Waste Printed Circuit Boards Recycling. <i>Procedia Environmental Sciences</i> , 2012, 16, 590-597.	1.3	78
62	On the sustainability of cobalt utilization in China. <i>Resources, Conservation and Recycling</i> , 2015, 104, 12-18.	5.3	77
63	Effects of organic composition on mesophilic anaerobic digestion of food waste. <i>Bioresource Technology</i> , 2017, 244, 213-224.	4.8	77
64	Molten salt oxidation: A versatile and promising technology for the destruction of organic-containing wastes. <i>Chemosphere</i> , 2011, 84, 1167-1174.	4.2	76
65	Life cycle assessment of TV sets in China: A case study of the impacts of CRT monitors. <i>Waste Management</i> , 2012, 32, 1926-1936.	3.7	76
66	Implications for the carrying capacity of lithium reserve in China. <i>Resources, Conservation and Recycling</i> , 2013, 80, 58-63.	5.3	75
67	A Facile, Environmentally Friendly, and Low-Temperature Approach for Decomposition of Polyvinylidene Fluoride from the Cathode Electrode of Spent Lithium-ion Batteries. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 12799-12806.	3.2	75
68	Systematic characterization of generation and management of e-waste in China. <i>Environmental Science and Pollution Research</i> , 2016, 23, 1929-1943.	2.7	74
69	Establishing indices for groundwater contamination risk assessment in the vicinity of hazardous waste landfills in China. <i>Environmental Pollution</i> , 2012, 165, 77-90.	3.7	73
70	Occurrence, characteristics and leakage of polybrominated diphenyl ethers in leachate from municipal solid waste landfills in China. <i>Environmental Pollution</i> , 2014, 184, 94-100.	3.7	73
71	Human exposure to PBDEs in e-waste areas: A review. <i>Environmental Pollution</i> , 2020, 267, 115634.	3.7	73
72	Polybrominated diphenyl ethers fate in China: A review with an emphasis on environmental contamination levels, human exposure and regulation. <i>Journal of Environmental Management</i> , 2012, 113, 22-30.	3.8	72

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73	Potential recycling availability and capacity assessment on typical metals in waste mobile phones: A current research study in China. <i>Journal of Cleaner Production</i> , 2017, 148, 509-517.	4.6	72
74	A study on legislative and policy tools for promoting the circular economic model for waste management in China. <i>Journal of Material Cycles and Waste Management</i> , 2011, 13, 103-112.	1.6	70
75	Spent rechargeable lithium batteries in e-waste: composition and its implications. <i>Frontiers of Environmental Science and Engineering</i> , 2014, 8, 792-796.	3.3	70
76	Waste electrical and electronic equipment management and Basel Convention compliance in Brazil, Russia, India, China and South Africa (BRICS) nations. <i>Waste Management and Research</i> , 2016, 34, 693-707.	2.2	70
77	Sustainability evaluation of e-waste treatment based on energy analysis and the LCA method: A case study of a trial project in Macau. <i>Ecological Indicators</i> , 2013, 30, 138-147.	2.6	68
78	A novel dismantling process of waste printed circuit boards using water-soluble ionic liquid. <i>Chemosphere</i> , 2013, 93, 1288-1294.	4.2	65
79	Generation and distribution of PAHs in the process of medical waste incineration. <i>Waste Management</i> , 2013, 33, 1165-1173.	3.7	65
80	Kinetic studies on organic degradation and its impacts on improving methane production during anaerobic digestion of food waste. <i>Applied Energy</i> , 2018, 213, 136-147.	5.1	65
81	Characterizing the emission of chlorinated/brominated dibenzo-p-dioxins and furans from low-temperature thermal processing of waste printed circuit board. <i>Environmental Pollution</i> , 2012, 161, 185-191.	3.7	64
82	Evaluating waste printed circuit boards recycling: Opportunities and challenges, a mini review. <i>Waste Management and Research</i> , 2017, 35, 346-356.	2.2	64
83	Recycling Tin from Electronic Waste: A Problem That Needs More Attention. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 9586-9598.	3.2	62
84	Waste prevention for sustainable resource and waste management. <i>Journal of Material Cycles and Waste Management</i> , 2017, 19, 1295-1313.	1.6	60
85	Recycling Indium from Scraped Glass of Liquid Crystal Display: Process Optimizing and Mechanism Exploring. <i>ACS Sustainable Chemistry and Engineering</i> , 2015, 3, 1306-1312.	3.2	59
86	Characterizing the Materials Composition and Recovery Potential from Waste Mobile Phones: A Comparative Evaluation of Cellular and Smart Phones. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 13016-13024.	3.2	59
87	E-waste management in India: A mini-review. <i>Waste Management and Research</i> , 2018, 36, 408-414.	2.2	59
88	Selective extraction of lithium from a spent lithium iron phosphate battery by mechanochemical solid-phase oxidation. <i>Green Chemistry</i> , 2021, 23, 1344-1352.	4.6	59
89	Toxicity trends in E-Waste: A comparative analysis of metals in discarded mobile phones. <i>Journal of Hazardous Materials</i> , 2019, 380, 120898.	6.5	58
90	Application of mechanochemistry to metal recovery from second-hand resources: a technical overview. <i>Environmental Sciences: Processes and Impacts</i> , 2015, 17, 1522-1530.	1.7	57

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91	Zero waste approach towards a sustainable waste management. <i>Resources, Environment and Sustainability</i> , 2021, 3, 100014.	2.9	57
92	Rethinking residential consumers' behavior in discarding obsolete mobile phones in China. <i>Journal of Cleaner Production</i> , 2018, 195, 1228-1236.	4.6	56
93	Examining the sustainability of China's nickel supply: 1950-2050. <i>Resources, Conservation and Recycling</i> , 2018, 139, 188-193.	5.3	52
94	Behavior of urban residents toward the discarding of waste electrical and electronic equipment: a case study in Baoding, China. <i>Waste Management and Research</i> , 2012, 30, 1187-1197.	2.2	51
95	A critical review on the recycling of copper and precious metals from waste printed circuit boards using hydrometallurgy. <i>Frontiers of Environmental Science and Engineering</i> , 2017, 11, 1.	3.3	51
96	Exploring residents' attitudes and willingness to pay for solid waste management in Macau. <i>Environmental Science and Pollution Research</i> , 2016, 23, 16456-16462.	2.7	50
97	Towards to sustainable energy-efficient city: A case study of Macau. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 75, 504-514.	8.2	49
98	Comparative life cycle GHG emissions from local electricity generation using heavy oil, natural gas, and MSW incineration in Macau. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 81, 2450-2459.	8.2	49
99	Current Status and Future Perspective of Recycling Copper by Hydrometallurgy from Waste Printed Circuit Boards. <i>Procedia Environmental Sciences</i> , 2016, 31, 162-170.	1.3	46
100	Solutions and challenges in recycling waste cathode-ray tubes. <i>Journal of Cleaner Production</i> , 2016, 133, 188-200.	4.6	46
101	The life cycle assessment of an e-waste treatment enterprise in China. <i>Journal of Material Cycles and Waste Management</i> , 2013, 15, 469-475.	1.6	45
102	Characterization of brominated flame retardants from e-waste components in China. <i>Waste Management</i> , 2017, 68, 498-507.	3.7	45
103	Innovative Application of Mechanical Activation for Rare Earth Elements Recovering: Process Optimization and Mechanism Exploration. <i>Scientific Reports</i> , 2016, 6, 19961.	1.6	44
104	Measuring the generation and management status of waste office equipment in China: a case study of waste printers. <i>Journal of Cleaner Production</i> , 2016, 112, 4461-4468.	4.6	44
105	Sustainability evaluation of an e-waste treatment enterprise based on emergy analysis in China. <i>Ecological Engineering</i> , 2012, 42, 223-231.	1.6	42
106	Recycling and pollution control of the End of Life Vehicles in China. <i>Journal of Material Cycles and Waste Management</i> , 2014, 16, 31-38.	1.6	42
107	Influence of feed/inoculum ratios and waste cooking oil content on the mesophilic anaerobic digestion of food waste. <i>Waste Management</i> , 2018, 73, 156-164.	3.7	42
108	A study of waste fluorescent lamp generation in mainland China. <i>Journal of Cleaner Production</i> , 2014, 81, 227-233.	4.6	41

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109	Improvement in rare earth element recovery from waste trichromatic phosphors by mechanical activation. <i>Journal of Cleaner Production</i> , 2017, 151, 361-370.	4.6	41
110	Uncovering residents' behaviors, attitudes, and WTP for recycling e-waste: a case study of Zhuhai city, China. <i>Environmental Science and Pollution Research</i> , 2020, 27, 2386-2399.	2.7	41
111	Enhanced recovery of rare earth elements from waste phosphors by mechanical activation. <i>Journal of Cleaner Production</i> , 2017, 142, 2187-2191.	4.6	40
112	Revealing the Dissolution Mechanism of Polyvinylidene Fluoride of Spent Lithium-Ion Batteries in Waste Oil-Based Methyl Ester Solvent. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 7489-7496.	3.2	40
113	Integrated bioleaching of copper metal from waste printed circuit board—a comprehensive review of approaches and challenges. <i>Environmental Science and Pollution Research</i> , 2016, 23, 21141-21156.	2.7	39
114	Characterizing the environmental implications of the recycling of non-metallic fractions from waste printed circuit boards. <i>Journal of Cleaner Production</i> , 2016, 137, 546-554.	4.6	39
115	Converting spent lithium cobalt oxide battery cathode materials into high-value products via a mechanochemical extraction and thermal reduction route. <i>Journal of Hazardous Materials</i> , 2021, 413, 125222.	6.5	39
116	Accelerating circular economy solutions to achieve the 2030 agenda for sustainable development goals. , 2022, 1, 100001.		39
117	Mechanochemical sulfidization of lead oxides by grinding with sulfur. <i>Powder Technology</i> , 2012, 230, 63-66.	2.1	37
118	Development potential of e-waste recycling industry in China. <i>Waste Management and Research</i> , 2015, 33, 533-542.	2.2	37
119	Environmental risk assessment of CRT and PCB workshops in a mobile e-waste recycling plant. <i>Environmental Science and Pollution Research</i> , 2015, 22, 12366-12373.	2.7	37
120	Brominated Flame Retardants (BFRs) in Waste Electrical and Electronic Equipment (WEEE) Plastics and Printed Circuit Boards (PCBs). <i>Procedia Environmental Sciences</i> , 2012, 16, 552-559.	1.3	36
121	Take back and treatment of discarded electronics: a scientific update. <i>Frontiers of Environmental Science and Engineering</i> , 2013, 7, 475-482.	3.3	35
122	Selective regeneration of lithium from spent lithium-ion batteries using ionic substitution stimulated by mechanochemistry. <i>Journal of Cleaner Production</i> , 2021, 279, 123612.	4.6	35
123	Lead recovery from cathode ray tube funnel glass with mechanical activation. <i>Journal of the Air and Waste Management Association</i> , 2013, 63, 2-10.	0.9	34
124	Alkali metal bifunctional catalyst-sorbents enabled biomass pyrolysis for enhanced hydrogen production. <i>Renewable Energy</i> , 2020, 148, 168-175.	4.3	34
125	Effects of organic composition on the anaerobic biodegradability of food waste. <i>Bioresource Technology</i> , 2017, 243, 836-845.	4.8	33
126	Estimating the Evolution of Urban Mining Resources in Hong Kong, Up to the Year 2050. <i>Environmental Science &amp; Technology</i> , 2019, 53, 1394-1403.	4.6	33



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127	Exploring a green route for recycling spent lithium-ion batteries: Revealing and solving deep screening problem. <i>Journal of Cleaner Production</i> , 2020, 255, 120269.	4.6	33
128	Trends of production, consumption and environmental emissions of Decabromodiphenyl ether in mainland China. <i>Environmental Pollution</i> , 2020, 260, 114022.	3.7	33
129	Comparative Examining and Analysis of E-waste Recycling in Typical Developing and Developed Countries. <i>Procedia Environmental Sciences</i> , 2016, 35, 676-680.	1.3	32
130	Enhanced split-phase resource utilization of kitchen waste by thermal pre-treatment. <i>Energy</i> , 2016, 98, 155-167.	4.5	32
131	A simplified method to evaluate the recycling potential of e-waste. <i>Journal of Cleaner Production</i> , 2017, 168, 1518-1524.	4.6	32
132	Status of End-of-life Electronic Product Remanufacturing in China. <i>Journal of Industrial Ecology</i> , 2014, 18, 577-587.	2.8	31
133	Measuring the sustainability of tin in China. <i>Science of the Total Environment</i> , 2018, 635, 1351-1359.	3.9	31
134	Examining regeneration technologies for etching solutions: a critical analysis of the characteristics and potentials. <i>Journal of Cleaner Production</i> , 2016, 113, 973-980.	4.6	30
135	Designing and examining e-waste recycling process: methodology and case studies. <i>Environmental Technology (United Kingdom)</i> , 2017, 38, 652-660.	1.2	30
136	Na <sub>2</sub> ZrO <sub>3</sub> as an Effective Bifunctional Catalyst-Sorbent during Cellulose Pyrolysis. <i>Industrial &amp; Engineering Chemistry Research</i> , 2017, 56, 3223-3230.	1.8	29
137	Examining the Temporal Demand and Sustainability of Copper in China. <i>Environmental Science &amp; Technology</i> , 2019, 53, 13812-13821.	4.6	29
138	Rethinking China's strategic mineral policy on indium: implication for the flat screens and photovoltaic industries. <i>Progress in Photovoltaics: Research and Applications</i> , 2016, 24, 83-93.	4.4	27
139	Responding to China's Waste Import Ban through a New, Innovative, Cooperative Mechanism. <i>Environmental Science &amp; Technology</i> , 2018, 52, 7595-7597.	4.6	27
140	Environmental optimisation of mine scheduling through life cycle assessment integration. <i>Resources, Conservation and Recycling</i> , 2019, 142, 267-276.	5.3	27
141	The environmental performance of fluorescent lamps in China, assessed with the LCA method. <i>International Journal of Life Cycle Assessment</i> , 2015, 20, 807-818.	2.2	26
142	Emerging anthropogenic circularity science: Principles, practices, and challenges. <i>IScience</i> , 2021, 24, 102237.	1.9	26
143	China E-waste management: Struggling for future success. <i>Resources, Conservation and Recycling</i> , 2018, 139, 48-49.	5.3	25
144	Forecasting the temporal stock generation and recycling potential of metals towards a sustainable future: The case of gallium in China. <i>Science of the Total Environment</i> , 2019, 689, 332-340.	3.9	25

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145	Mapping Recyclability of Industrial Waste for Anthropogenic Circularity: A Circular Economy Approach. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 11927-11936.	3.2	25
146	Wastes could be resources and cities could be mines. <i>Waste Management and Research</i> , 2015, 33, 301-302.	2.2	24
147	Environmental pollution of polybrominated diphenyl ethers from industrial plants in China: a preliminary investigation. <i>Environmental Science and Pollution Research</i> , 2016, 23, 7012-7021.	2.7	24
148	Measuring treatment costs of typical waste electrical and electronic equipment: A pre-research for Chinese policy making. <i>Waste Management</i> , 2016, 57, 36-45.	3.7	24
149	An efficient extraction of lead metal from waste cathode ray tubes (CRTs) through mechano-thermal process by using carbon as a reducing agent. <i>Journal of Cleaner Production</i> , 2017, 148, 103-110.	4.6	24
150	Assessing resident awareness on e-waste management in Bangalore, India: a preliminary case study. <i>Environmental Science and Pollution Research</i> , 2018, 25, 11163-11172.	2.7	24
151	An innovative method of recycling metals in printed circuit board (PCB) using solutions from PCB production. <i>Journal of Hazardous Materials</i> , 2020, 390, 121892.	6.5	24
152	A study of the geographical shifts in global lead production – a possible corresponding shift in potential threats to the environment. <i>Journal of Cleaner Production</i> , 2015, 107, 237-251.	4.6	23
153	Resource conservation approached with an appropriate collection and upgrade-remanufacturing for used electronic products. <i>Waste Management</i> , 2018, 73, 78-86.	3.7	23
154	Examining the evolution of metals utilized in printed circuit boards. <i>Environmental Technology (United Kingdom)</i> , 2017, 38, 1696-1701.	1.2	22
155	Temporally explicit life cycle assessment as an environmental performance decision making tool in rare earth project development. <i>Minerals Engineering</i> , 2019, 135, 64-73.	1.8	22
156	The role of China's aluminum recycling on sustainable resource and emission pathways. <i>Resources Policy</i> , 2022, 76, 102552.	4.2	22
157	A novel process utilizing mechanochemical sulfidization to remove lead from cathode ray tube funnel glass. <i>Journal of the Air and Waste Management Association</i> , 2013, 63, 418-423.	0.9	21
158	Interfacial and Mechanical Property Analysis of Waste Printed Circuit Boards Subject to Thermal Shock. <i>Journal of the Air and Waste Management Association</i> , 2010, 60, 229-236.	0.9	20
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