

Environmental impacts, pollution sources and pathway

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Challenges and recent developments in supply and value chains of electric vehicle batteries: A sustainability perspective. Resources, Conservation and Recycling, 2022, 180, 106144.	5.3	98
2	Effect of Graphite on the Recovery of Valuable Metals from Spent Li-Ion Batteries in Baths of Hot Metal and Steel. Recycling, 2022, 7, 5.	2.3	3
3	Enabling the sustainable recycling of LiFePO ₄ from spent lithium-ion batteries. Green Chemistry, 2022, 24, 2506-2515.	4.6	68
4	Electric potential-determined redox intermediates for effective recycling of spent lithium-ion batteries. Green Chemistry, 2022, 24, 3723-3735.	4.6	10
5	Recycle cathode materials from spent lithium-ion batteries by an innovative method. Ionics, 2022, 28, 2135-2141.	1.2	3
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7	Porous carbon architectures with different dimensionalities for lithium metal storage. Science and Technology of Advanced Materials, 2022, 23, 169-188.	2.8	21
8	Transformation and migration mechanism of fluorine-containing pollutants in the pyrolysis process of spent lithium-ion battery. Journal of Hazardous Materials, 2022, 435, 128974.	6.5	24
9	Environmental impact assessment of second life and recycling for LiFePO ₄ power batteries in China. Journal of Environmental Management, 2022, 314, 115083.	3.8	31
10	Battery energy storage systems and SWOT (strengths, weakness, opportunities, and threats) analysis of batteries in power transmission. Energy, 2022, 254, 123987.	4.5	74
11	Sustainable Electric Vehicle Batteries for a Sustainable World: Perspectives on Battery Cathodes, Environment, Supply Chain, Manufacturing, Life Cycle, and Policy. Advanced Energy Materials, 2022, 12, .	10.2	72
12	Eco-Friendly Keratin-Based Additives in Polymer Matrix to Enhance the Output of Triboelectric Nanogenerators. SSRN Electronic Journal, 0, , .	0.4	0
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14	Supercapacitor performance based on nitrogen and sulfur co-doped hierarchically porous carbons: Superior rate capability and cycle stability. International Journal of Energy Research, 2022, 46, 15602-15616.	2.2	31
15	Prospects for managing end-of-life lithium-ion batteries: Present and future. , 2022, 1, 417-433.		66
16	LAYERS: A Decision-Support Tool to Illustrate and Assess the Supply and Value Chain for the Energy Transition. Sustainability, 2022, 14, 7120.	1.6	4
17	Transient, Biodegradable Energy Systems as a Promising Power Solution for Ecofriendly and Implantable Electronics. Advanced Energy and Sustainability Research, 2022, 3, .	2.8	8
18	Research progress on recovering the components of spent Li-ion batteries. New Carbon Materials, 2022, 37, 435-460.	2.9	25

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20	Organic Electrolytes Recycling From Spent Lithium-ion Batteries. <i>Global Challenges</i> , 2022, 6, .	1.8	18
21	Template-free preparation of porous Co microfibers from spent lithium-ion batteries as a promising microwave absorber. <i>Rare Metals</i> , 2022, 41, 3475-3485.	3.6	8
22	Creating a circular EV battery value chain: End-of-life strategies and future perspective. <i>Resources, Conservation and Recycling</i> , 2022, 185, 106484.	5.3	30
23	Recycling of waste power lithium-ion batteries to prepare nickel/cobalt/manganese-containing catalysts with inter-valence cobalt/manganese synergistic effect for peroxymonosulfate activation. <i>Journal of Colloid and Interface Science</i> , 2022, 626, 564-580.	5.0	22
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25	Advances in Intelligent Regeneration of Cathode Materials for Sustainable Lithium-ion Batteries. <i>Advanced Energy Materials</i> , 2022, 12, .	10.2	34
26	Power management strategy for unidirectional current pulsed triboelectric nanogenerator. <i>Nanotechnology</i> , 2022, 33, 465401.	1.3	3
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30	Optimization and dynamic responses of an integrated fuel cell and battery system for an 800kW ferry: A case study. <i>Energy Reports</i> , 2022, 8, 9757-9776.	2.5	5
31	Low-carbon technologies and just energy transition: Prospects for electric vehicles. <i>Energy Conversion and Management: X</i> , 2022, 16, 100271.	0.9	12
32	Submerged comminution of lithium-ion batteries in water in inert atmosphere for safe recycling. <i>Energy Advances</i> , 2022, 1, 935-940.	1.4	1
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39	Mathematical Modelling and Simulation of Second Life Battery Pack with Heterogeneous State of Health. <i>Mathematics</i> , 2022, 10, 3843.	1.1	4
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53	Eco-Friendly Keratin-Based Additives in the Polymer Matrix to Enhance the Output of Triboelectric Nanogenerators. <i>ACS Applied Bio Materials</i> , 2022, 5, 5706-5715.	2.3	1
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