

# Polyethylene recycling: Waste policy scenario analysis f

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Intrinsic self-healing thermoset through covalent and hydrogen bonding interactions. <i>European Polymer Journal</i> , 2016, 81, 186-197.	2.6	47
2	Fluorescence labeling of high density polyethylene for identification and separation of selected containers in plastics waste streams. Comparison of thermal and photochemical stability of different fluorescent tracers. <i>Materials Today Communications</i> , 2017, 12, 125-132.	0.9	17
3	Trash to Treasure: Microwave-Assisted Conversion of Polyethylene to Functional Chemicals. <i>Industrial &amp; Engineering Chemistry Research</i> , 2017, 56, 14814-14821.	1.8	101
4	High-Density Polyethylene/SrAl <sub>2</sub> O <sub>4</sub> :Eu <sup>2+</sup> , Dy <sup>3+</sup> +Photoluminescent Pigments: Material Design, Melt Processing, and Characterization. <i>Polymer-Plastics Technology and Engineering</i> , 2017, 56, 400-410.	1.9	5
5	H <sub>2</sub> -rich syngas production through mixed residual biomass and HDPE waste via integrated catalytic gasification and tar cracking plus bio-char upgrading. <i>Chemical Engineering Journal</i> , 2017, 308, 578-587.	6.6	78
6	Impact of grassland contract policy on soil organic carbon losses from alpine grassland on the Qinghai-Tibetan Plateau. <i>Soil Use and Management</i> , 2017, 33, 663-671.	2.6	23
7	Heavy metals dispersion during thermal treatment of plastic bags and its recovery. <i>Journal of Environmental Management</i> , 2018, 212, 367-374.	3.8	22
8	Rheological and mechanical properties of recycled polyethylene films contaminated by biopolymer. <i>Waste Management</i> , 2018, 76, 190-198.	3.7	24
9	Coherence, Causality, and Effectiveness of the EU Environmental Policy System: Results of Complementary Statistical and Econometric Analyses. <i>Environmental and Resource Economics</i> , 2018, 70, 1-29.	1.5	4
10	Valorisation of different waste plastics by pyrolysis and in-line catalytic steam reforming for hydrogen production. <i>Energy Conversion and Management</i> , 2018, 156, 575-584.	4.4	136
11	Close-looped recycling of polylactic acid used in 3D printing: An experimental investigation and life cycle assessment. <i>Journal of Cleaner Production</i> , 2018, 197, 1046-1055.	4.6	133
12	Market-based tools for a plastic waste reduction policy in agriculture: A case study in the south of Italy. <i>Journal of Environmental Management</i> , 2019, 250, 109468.	3.8	28
13	Determination of the selected heavy metal and metalloid contents in various types of plastic bags. <i>Journal of Environmental Health Science &amp; Engineering</i> , 2019, 17, 161-170.	1.4	15
14	Organocatalysis for depolymerisation. <i>Polymer Chemistry</i> , 2019, 10, 172-186.	1.9	207
15	Synthesis and properties of pandanwangi fiber reinforced polyethylene composites: Evaluation of dicumyl peroxide (DCP) effect. <i>Composites Communications</i> , 2019, 15, 53-57.	3.3	37
16	Designed from Recycled: Turning Polyethylene Waste to Covalently Attached Polylactide Plasticizers. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 11004-11013.	3.2	61
17	A new strategy for CO <sub>2</sub> utilization with waste plastics: conversion of hydrogen carbonate into formate using polyvinyl chloride in water. <i>Green Chemistry</i> , 2020, 22, 352-358.	4.6	26
18	Virgin or recycled? Optimal pricing of 3D printing platform and material suppliers in a closed-loop competitive circular supply chain. <i>Resources, Conservation and Recycling</i> , 2020, 162, 105035.	5.3	38

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19	Single-use plastics: Production, usage, disposal, and adverse impacts. <i>Science of the Total Environment</i> , 2021, 752, 141772.	3.9	281
20	Effective policy mix for plastic waste mitigation in India using System Dynamics. <i>Resources, Conservation and Recycling</i> , 2021, 168, 105455.	5.3	28
21	Technological Developments Aiding Solid Waste Management. <i>International Journal of Scientific and Engineering Research</i> , 2021, 12, 538-582.	0.1	0
22	A European household waste management approach: Intelligently clean Ukraine. <i>Journal of Environmental Management</i> , 2021, 294, 113015.	3.8	11
23	Synthesis and assessment of waste-to-resource routes for circular economy. <i>Computers and Chemical Engineering</i> , 2021, 153, 107439.	2.0	9
24	A life cycle assessment framework for large-scale changes in material circularity. <i>Waste Management</i> , 2021, 135, 360-371.	3.7	10
25	Multicriteria Decision Analysis Addressing Marine and Terrestrial Plastic Waste Management: A Review. <i>Frontiers in Marine Science</i> , 2022, 8, .	1.2	7
26	Polyethylenes: A Vital Recyclable Polymer. , 0, , .		1
27	Environmental and Socioeconomic Impacts of Poly(ethylene terephthalate) (PET) Packaging Management Strategies in the EU. <i>Environmental Science &amp; Technology</i> , 2022, 56, 501-511.	4.6	17
28	Life Cycle Assessment of reverse logistics of empty pesticide containers in Brazil: assessment of current and previous management practices. <i>Production</i> , 0, 32, .	1.3	0
29	An experimental study on the properties changing in recyclable fiber-reinforced 3D printing. <i>Polymer Composites</i> , 2022, 43, 7187-7199.	2.3	3
30	Plastic value chain and performance metric framework for optimal recycling. <i>Journal of Industrial Ecology</i> , 2023, 27, 601-623.	2.8	2