

Biodegradation and Mineralization of Polystyrene by *Phanerochaete* Chemical and Physical Characterization and Isotopic Te

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Plastikgeologie. , 2016, , 94-101.		0
2	Becoming response-able stakeholders. , 2016, , .		8
3	Plastic imaginaries. , 2016, , .		2
4	Chance the Wrapper. American Entomologist, 2016, 62, 203-205.	0.1	1
5	Catalyst: Design Challenges for the Future of Plastics Recycling. CheM, 2016, 1, 813-815.	5.8	105
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7	Kunststoffpartikel sind ¼berall - auch in Lebensmitteln?. Nachrichten Aus Der Chemie, 2016, 64, 842-846.	0.0	3
8	Sustainability of insect use for feed and food: Life Cycle Assessment perspective. Journal of Cleaner Production, 2016, 137, 741-751.	4.6	259
9	Comment on "A bacterium that degrades and assimilates poly(ethylene terephthalate)" Science, 2016, 353, 759-759.	6.0	50
10	A new biological recovery approach for PHA using mealworm, Tenebrio molitor. Journal of Biotechnology, 2016, 239, 98-105.	1.9	86
11	Rearing and Double-stranded RNA-mediated Gene Knockdown in the Hide Beetle, <i>Dermestes maculatus</i> . Journal of Visualized Experiments, 2016, , .	0.2	2
12	FTIR-evolved gas analysis in recent thermoanalytical investigations. Applied Spectroscopy Reviews, 2017, 52, 39-72.	3.4	44
13	Degradation of polystyrene and selected analogues by biological Fenton chemistry approaches: Opportunities and limitations. Chemosphere, 2017, 173, 520-528.	4.2	62
14	Microplastics in freshwater and terrestrial environments: Evaluating the current understanding to identify the knowledge gaps and future research priorities. Science of the Total Environment, 2017, 586, 127-141.	3.9	2,188
16	Transforming waste expanded polystyrene foam into hyper-crosslinked polymers for carbon dioxide capture and separation. Chemical Engineering Journal, 2017, 323, 557-564.	6.6	71
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21	Treatments and Uses. , 2017, , 215-315.		0
22	Insect biorefinery: a green approach for conversion of crop residues into biodiesel and protein. <i>Biotechnology for Biofuels</i> , 2017, 10, 304.	6.2	109
23	Characterization and engineering of a plastic-degrading aromatic polyestherase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E4350-E4357.	3.3	632
24	Plastic Biodegradation: Challenges and Opportunities. , 2018, , 1-29.		33
25	New Insights into the Function and Global Distribution of Polyethylene Terephthalate (PET)-Degrading Bacteria and Enzymes in Marine and Terrestrial Metagenomes. <i>Applied and Environmental Microbiology</i> , 2018, 84, .	1.4	259
26	Carbon dioxide-based copolymers with various architectures. <i>Progress in Polymer Science</i> , 2018, 82, 120-157.	11.8	115
27	A novel biological recovery approach for PHA employing selective digestion of bacterial biomass in animals. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 2117-2127.	1.7	44
28	Microplastics: An introduction to environmental transport processes. <i>Wiley Interdisciplinary Reviews: Water</i> , 2018, 5, e1268.	2.8	328
29	Green Synthesis of Multifunctionalized, Nitrogen-Doped, Highly Fluorescent Carbon Dots from Waste Expanded Polystyrene and Its Application in the Fluorimetric Detection of Au ³⁺ Ions in Aqueous Media. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 1627-1638.	3.2	123
30	Biotechnology advances for dealing with environmental pollution by micro(nano)plastics: Lessons on theory and practices. <i>Current Opinion in Environmental Science and Health</i> , 2018, 1, 30-35.	2.1	46
31	<i>Hermetia illucens</i> as a new and promising species for use in entomoremediation. <i>Science of the Total Environment</i> , 2018, 633, 912-919.	3.9	53
32	Biodegradation of polystyrene wastes in yellow mealworms (larvae of <i>Tenebrio molitor</i> Linnaeus): Factors affecting biodegradation rates and the ability of polystyrene-fed larvae to complete their life cycle. <i>Chemosphere</i> , 2018, 191, 979-989.	4.2	168
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34	Aromatic fluorocopolymers based on $\hat{\pm}$ -(difluoromethyl)styrene and styrene: synthesis, characterization, and thermal and surface properties. <i>RSC Advances</i> , 2018, 8, 41836-41849.	1.7	5
35	Resource or waste? A perspective of plastics degradation in soil with a focus on end-of-life options. <i>Heliyon</i> , 2018, 4, e00941.	1.4	96
36	Optimization of Antioxidant and Skin-Whitening Compounds Extraction Condition from <i>Tenebrio molitor</i> Larvae (Mealworm). <i>Molecules</i> , 2018, 23, 2340.	1.7	11
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38	Biodegradation of Polyethylene and Plastic Mixtures in Mealworms (Larvae of <i>Tenebrio</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 747 Td 6526-6533.	4.6	316
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40	Influence of microplastic addition on glyphosate decay and soil microbial activities in Chinese loess soil. Environmental Pollution, 2018, 242, 338-347.	3.7	141
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54	Growth performance and nutritional profile of mealworms reared on corn stover, soybean meal, and distillersâ€™ grains. European Food Research and Technology, 2019, 245, 2631-2640.	1.6	43
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69	Uptake and adverse effects of polyethylene terephthalate microplastics fibers on terrestrial snails (<i>Achatina fulica</i>) after soil exposure. Environmental Pollution, 2019, 250, 447-455.	3.7	294
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163	Utilization of Carrot Pomace to Grow Mealworm Larvae (<i>Tenebrio molitor</i>). <i>Sustainability</i> , 2021, 13, 9341.	1.6	10
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