

# Processing of poly(lactic acid): Characterization of chemical and mechanical properties

Polymer Degradation and Stability

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Effect of the Recycling and Annealing on the Mechanical and Fracture Properties of Poly(Lactic Acid). Journal of Polymers and the Environment, 2010, 18, 654-660.	2.4	49
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3	Study on modification of polylactide by functional polymer. , 2011, , .		2
4	Poly(L-lactic acid) Microfiltration Membrane Formation via Thermally Induced Phase Separation with Drying. Journal of Chemical Engineering of Japan, 2011, 44, 467-475.	0.3	20
6	Hydroxyapatite Supported Lewis Acid Catalysts for the Transformation of Trioses in Alcohols. Chinese Journal of Catalysis, 2011, 32, 70-73.	6.9	10
7	Mechanical characteristics of composites of polylactide and nanosized calcium phosphates formed in supercritical carbon dioxide. Russian Journal of Physical Chemistry B, 2011, 5, 1189-1194.	0.2	1
8	Processing of poly(lactic acid)/organomontmorillonite nanocomposites: Microstructure, thermal stability and kinetics of the thermal decomposition. Chemical Engineering Journal, 2011, 178, 451-460.	6.6	69
9	Mechanism of high thermal stability of commercial polyesters and polyethers conjugated with bio-based caffeic acid. Journal of Polymer Science Part A, 2011, 49, 3152-3162.	2.5	17
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17	Accelerated Weathering-Induced Degradation of Poly(Lactic Acid) Fiber Studied by Near-Infrared (NIR) Hyperspectral Imaging. Applied Spectroscopy, 2012, 66, 470-474.	1.2	30
18	Thermal behavior of drawn poly(lactic acid)-nanocomposite fiber probed by near-infrared hyperspectral imaging based on roundtrip temperature scan. Analytical Methods, 2012, 4, 2259.	1.3	3
19	Hygrothermal ageing of reprocessed polylactide. Polymer Degradation and Stability, 2012, 97, 1881-1890.	2.7	61

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23	Biological Lactate-Polymers Synthesized by One-Pot Microbial Factory: Enzyme and Metabolic Engineering. <i>ACS Symposium Series</i> , 2012, , 213-235.	0.5	8
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