

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.	5.0	49
2	Kinetics of the thermal decomposition of processed poly(lactic acid). Polymer Degradation and Stability, 2010, 95, 2508-2514.	5.8	66
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.	0.6	20
6	Hydroxyapatite Supported Lewis Acid Catalysts for the Transformation of Trioses in Alcohols. Chinese Journal of Catalysis, 2011, 32, 70-73.	14.0	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.	1.3	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.	12.7	69
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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.	2.2	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.	2.7	3
19	Hygrothermal ageing of reprocessed polylactide. Polymer Degradation and Stability, 2012, 97, 1881-1890.	5.8	61

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21	Synergistic Effect of Polyhedral Oligomeric Silsesquioxane on the Flame Retardancy and Thermal Degradation of Intumescent Flame Retardant Polylactide. <i>Combustion Science and Technology</i> , 2012, 184, 456-468.	2.3	16
22	Changes in the hierarchical protein polymer structure: urea and temperature effects on wheat gluten films. <i>RSC Advances</i> , 2012, 2, 11908.	3.6	22
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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28	Plasticization of poly(lactide) by sorption of volatile organic compounds at low concentration. <i>Polymer Degradation and Stability</i> , 2012, 97, 1871-1880.	5.8	27
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