

# Hideto Tsuji

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

280  
papers

19,161  
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66  
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132  
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310  
ext. papers

20,473  
ext. citations

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L-index

#	Paper	IF	Citations
280	Biodegradable polyesters for medical and ecological applications. <i>Macromolecular Rapid Communications</i> , <b>2000</b> , 21, 117-132	4.8	1245
279	Stereocomplex formation between enantiomeric poly(lactides). <i>Macromolecules</i> , <b>1987</b> , 20, 904-906	5.5	1133
278	Poly(lactide) stereocomplexes: formation, structure, properties, degradation, and applications. <i>Macromolecular Bioscience</i> , <b>2005</b> , 5, 569-97	5.5	1069
277	Crystal Modifications and Thermal Behavior of Poly(l-lactic acid) Revealed by Infrared Spectroscopy. <i>Macromolecules</i> , <b>2005</b> , 38, 8012-8021	5.5	674
276	Disorder-to-Order Phase Transition and Multiple Melting Behavior of Poly(l-lactide) Investigated by Simultaneous Measurements of WAXD and DSC. <i>Macromolecules</i> , <b>2008</b> , 41, 1352-1357	5.5	622
275	Properties and morphologies of poly(?-lactide): 1. Annealing condition effects on properties and morphologies of poly(?-lactide). <i>Polymer</i> , <b>1995</b> , 36, 2709-2716	3.9	423
274	<b>2010</b> ,		401
273	Stereocomplex formation between enantiomeric poly(lactic acids). 9. Stereocomplexation from the melt. <i>Macromolecules</i> , <b>1993</b> , 26, 6918-6926	5.5	346
272	Crystallization from the melt of poly(lactide)s with different optical purities and their blends. <i>Macromolecular Chemistry and Physics</i> , <b>1996</b> , 197, 3483-3499	2.6	306
271	Isothermal and non-isothermal crystallization behavior of poly(l-lactic acid): Effects of stereocomplex as nucleating agent. <i>Polymer</i> , <b>2006</b> , 47, 3826-3837	3.9	305
270	Stereocomplex formation between enantiomeric poly(lactic acid)s. 3. Calorimetric studies on blend films cast from dilute solution. <i>Macromolecules</i> , <b>1991</b> , 24, 5651-5656	5.5	303
269	Poly(lactic acid) stereocomplexes: A decade of progress. <i>Advanced Drug Delivery Reviews</i> , <b>2016</b> , 107, 97-135	18.5	301
268	Crystal structure of stereocomplex of poly(L-lactide) and poly(D-lactide). <i>Journal of Macromolecular Science - Physics</i> , <b>1991</b> , 30, 119-140	1.4	299
267	Infrared Spectroscopic Study of CH <sub>3</sub> ...OC Interaction during Poly(l-lactide)/Poly(d-lactide) Stereocomplex Formation. <i>Macromolecules</i> , <b>2005</b> , 38, 1822-1828	5.5	277
266	Blends of aliphatic polyesters. II. Hydrolysis of solution-cast blends from poly(L-lactide) and poly(E-caprolactone) in phosphate-buffered solution. <i>Journal of Applied Polymer Science</i> , <b>1998</b> , 67, 405-413	2.8	267
265	Properties and morphology of poly( l -lactide) 4. Effects of structural parameters on long-term hydrolysis of poly( l -lactide) in phosphate-buffered solution. <i>Polymer Degradation and Stability</i> , <b>2000</b> , 67, 179-189	4.7	239
264	Enhanced thermal stability of poly(lactide)s in the melt by enantiomeric polymer blending. <i>Polymer</i> , <b>2003</b> , 44, 2891-2896	3.9	238

263	Properties and morphology of poly(L-lactide). III. Effects of initial crystallinity on long-term in vitro hydrolysis of high molecular weight poly(L-lactide) film in phosphate-buffered solution. <i>Journal of Applied Polymer Science</i> , <b>2000</b> , 77, 1452-1464	2.9	221
262	Structural Changes and Crystallization Dynamics of Poly(l-lactide) during the Cold-Crystallization Process Investigated by Infrared and Two-Dimensional Infrared Correlation Spectroscopy. <i>Macromolecules</i> , <b>2004</b> , 37, 6433-6439	5.5	217
261	Stereocomplex formation between enantiomeric poly(lactic acid)s. 2. Stereocomplex formation in concentrated solutions. <i>Macromolecules</i> , <b>1991</b> , 24, 2719-2724	5.5	205
260	Stereocomplex formation between enantiomeric poly(lactic acid)s. 4. Differential scanning calorimetric studies on precipitates from mixed solutions of poly(D-lactic acid) and poly(L-lactic acid). <i>Macromolecules</i> , <b>1991</b> , 24, 5657-5662	5.5	198
259	Stereocomplex formation between enantiomeric poly(lactic acid)s. 6. Binary blends from copolymers. <i>Macromolecules</i> , <b>1992</b> , 25, 5719-5723	5.5	197
258	Investigation of Phase Transitional Behavior of Poly(l-lactide)/Poly(d-lactide) Blend Used to Prepare the Highly-Oriented Stereocomplex. <i>Macromolecules</i> , <b>2007</b> , 40, 1049-1054	5.5	192
257	Autocatalytic hydrolysis of amorphous-made polylactides: effects of l-lactide content, tacticity, and enantiomeric polymer blending. <i>Polymer</i> , <b>2002</b> , 43, 1789-1796	3.9	184
256	Blends of aliphatic polyesters. I. Physical properties and morphologies of solution-cast blends from poly(DL-lactide) and poly( $\epsilon$ -caprolactone). <i>Journal of Applied Polymer Science</i> , <b>1996</b> , 60, 2367-2375	2.9	181
255	Properties and morphology of poly(L-lactide). II. Hydrolysis in alkaline solution. <i>Journal of Polymer Science Part A</i> , <b>1998</b> , 36, 59-66	2.5	179
254	Stereocomplex formation between enantiomeric poly(lactic acid)s. 12. spherulite growth of low-molecular-weight poly(lactic acid)s from the melt. <i>Biomacromolecules</i> , <b>2004</b> , 5, 1181-6	6.9	166
253	In vitro hydrolysis of blends from enantiomeric poly(lactide)s Part 1. Well-stereo-complexed blend and non-blended films. <i>Polymer</i> , <b>2000</b> , 41, 3621-3630	3.9	165
252	Environmental degradation of biodegradable polyesters 1. Poly( $\epsilon$ -caprolactone), poly[(R)-3-hydroxybutyrate], and poly(L-lactide) films in controlled static seawater. <i>Polymer Degradation and Stability</i> , <b>2002</b> , 75, 347-355	4.7	164
251	Stereocomplex formation between enantiomeric poly(lactic acid)s. 7. Phase structure of the stereocomplex crystallized from a dilute acetonitrile solution as studied by high-resolution solid-state carbon-13 NMR spectroscopy. <i>Macromolecules</i> , <b>1992</b> , 25, 4114-4118	5.5	163
250	Weak Intermolecular Interactions during the Melt Crystallization of Poly(l-lactide) Investigated by Two-Dimensional Infrared Correlation Spectroscopy. <i>Journal of Physical Chemistry B</i> , <b>2004</b> , 108, 11514-11520	3.4	157
249	Electrospinning of poly(lactic acid) stereocomplex nanofibers. <i>Biomacromolecules</i> , <b>2006</b> , 7, 3316-20	6.9	154
248	Poly(l-lactide): VI Effects of crystallinity on enzymatic hydrolysis of poly(l-lactide) without free amorphous region. <i>Polymer Degradation and Stability</i> , <b>2001</b> , 71, 415-424	4.7	142
247	Enzymatic hydrolysis of poly(lactide)s: effects of molecular weight, L-lactide content, and enantiomeric and diastereoisomeric polymer blending. <i>Biomacromolecules</i> , <b>2001</b> , 2, 597-604	6.9	135
246	Poly(l-lactide)/nano-structured carbon composites: Conductivity, thermal properties, crystallization, and biodegradation. <i>Polymer</i> , <b>2007</b> , 48, 4213-4225	3.9	134

245	Stereocomplex formation between enantiomeric poly(lactic acids). 5. Calorimetric and morphological studies on the stereocomplex formed in acetonitrile solution. <i>Macromolecules</i> , <b>1992</b> , 25, 2940-2946	5.5	134
244	Stereocomplex formation between enantiomeric poly(lactic acid). VIII. Complex fibers spun from mixed solution of poly(D-lactic acid) and poly(L-lactic acid). <i>Journal of Applied Polymer Science</i> , <b>1994</b> , 51, 337-344	2.9	132
243	Physical properties, crystallization, and spherulite growth of linear and 3-arm poly(L-lactide)s. <i>Biomacromolecules</i> , <b>2005</b> , 6, 244-54	6.9	130
242	In vitro hydrolysis of blends from enantiomeric poly(lactide)s. Part 4: well-homo-crystallized blend and nonblended films. <i>Biomaterials</i> , <b>2003</b> , 24, 537-47	15.6	127
241	Non-Isothermal Crystallization Behavior of Poly(L-lactic acid) in the Presence of Various Additives. <i>Macromolecular Materials and Engineering</i> , <b>2006</b> , 291, 325-335	3.9	126
240	Confirmation of Disorder Form of Poly(L-lactic acid) by the X-ray Fiber Pattern and Polarized IR/Raman Spectra Measured for Uniaxially-Oriented Samples. <i>Macromolecular Symposia</i> , <b>2006</b> , 242, 274-278	0.8	121
239	Photodegradation of biodegradable polyesters: A comprehensive study on poly(l-lactide) and poly( $\epsilon$ -caprolactone). <i>Polymer Degradation and Stability</i> , <b>2006</b> , 91, 1128-1137	4.7	120
238	Spherulite growth of l-lactide copolymers: Effects of tacticity and comonomers. <i>Polymer</i> , <b>2005</b> , 46, 4917-4927	3.9	114
237	A new strategy for recycling and preparation of poly(L-lactic acid): hydrolysis in the melt. <i>Biomacromolecules</i> , <b>2003</b> , 4, 835-40	6.9	112
236	Blends of isotactic and atactic poly(lactide)s: 2. Molecular-weight effects of atactic component on crystallization and morphology of equimolar blends from the melt. <i>Polymer</i> , <b>1996</b> , 37, 595-602	3.9	111
235	Blends of aliphatic polyesters. III. Biodegradation of solution-cast blends from poly(L-lactide) and poly( $\epsilon$ -caprolactone). <i>Journal of Applied Polymer Science</i> , <b>1998</b> , 70, 2259-2268	2.9	108
234	Poly(l-lactide): 7. Enzymatic hydrolysis of free and restricted amorphous regions in poly(l-lactide) films with different crystallinities and a fixed crystalline thickness. <i>Polymer</i> , <b>2001</b> , 42, 4463-4467	3.9	108
233	Water vapor permeability of poly(lactide)s: Effects of molecular characteristics and crystallinity. <i>Journal of Applied Polymer Science</i> , <b>2006</b> , 99, 2245-2252	2.9	105
232	Crystallization, spherulite growth, and structure of blends of crystalline and amorphous poly(lactide)s. <i>Polymer</i> , <b>2009</b> , 50, 4007-4017	3.9	101
231	Blends of crystalline and amorphous poly(lactide). III. Hydrolysis of solution-cast blend films. <i>Journal of Applied Polymer Science</i> , <b>1997</b> , 63, 855-863	2.9	100
230	Poly(L-lactide). IX. Hydrolysis in acid media. <i>Journal of Applied Polymer Science</i> , <b>2002</b> , 86, 186-194	2.9	96
229	Effects of molecular weight and small amounts of d-lactide units on hydrolytic degradation of poly(l-lactic acid)s. <i>Polymer Degradation and Stability</i> , <b>2006</b> , 91, 1665-1673	4.7	92
228	Part 7. Effects of poly(L-lactide-co- $\epsilon$ -caprolactone) on morphology, structure, crystallization, and physical properties of blends of poly(L-lactide) and poly( $\epsilon$ -caprolactone). <i>Polymer International</i> , <b>2003</b> , 52, 269-275	3.3	88

227	Poly(L-Lactide), 8. High-Temperature Hydrolysis of Poly(L-Lactide) Films with Different Crystallinities and Crystalline Thicknesses in Phosphate-Buffered Solution. <i>Macromolecular Materials and Engineering</i> , <b>2001</b> , 286, 398-406	3.9	86
226	Effect of annealing on the mechanical properties of PLA/PCL and PLA/PCL/LTI polymer blends. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , <b>2011</b> , 4, 255-60	4.1	85
225	Blends of aliphatic polyesters: V non-enzymatic and enzymatic hydrolysis of blends from hydrophobic poly(l-lactide) and hydrophilic poly(vinyl alcohol). <i>Polymer Degradation and Stability</i> , <b>2001</b> , 71, 403-413	4.7	82
224	Enhanced Stereocomplex Crystallization of Biodegradable Enantiomeric Poly(lactic acid)s by Repeated Casting. <i>Macromolecular Materials and Engineering</i> , <b>2011</b> , 296, 583-589	3.9	81
223	Poly(l-lactide): XII. Formation, growth, and morphology of crystalline residues as extended-chain crystallites through hydrolysis of poly(l-lactide) films in phosphate-buffered solution. <i>Polymer Degradation and Stability</i> , <b>2004</b> , 84, 515-523	4.7	81
222	Environmental degradation of biodegradable polyesters 2. Poly( $\epsilon$ -caprolactone), poly[(R)-3-hydroxybutyrate], and poly(L-lactide) films in natural dynamic seawater. <i>Polymer Degradation and Stability</i> , <b>2002</b> , 75, 357-365	4.7	78
221	Differences in the CH <sub>3</sub> OC interactions among poly(l-lactide), poly(l-lactide)/poly(d-lactide) stereocomplex, and poly(3-hydroxybutyrate) studied by infrared spectroscopy. <i>Journal of Molecular Structure</i> , <b>2005</b> , 735-736, 249-257	3.4	78
220	Crystallization behaviors of poly(3-hydroxybutyrate) and poly(L-lactic acid) in their immiscible and miscible blends. <i>Journal of Physical Chemistry B</i> , <b>2006</b> , 110, 24463-71	3.4	74
219	Porous Biodegradable Polyesters, 3. Preparation of Porous Poly( $\epsilon$ -caprolactone) Films from Blends by Selective Enzymatic Removal of Poly(L-lactide). <i>Macromolecular Bioscience</i> , <b>2001</b> , 1, 59-65	5.5	73
218	In vitro hydrolysis of poly(L-lactide) crystalline residues as extended-chain crystallites. Part I: long-term hydrolysis in phosphate-buffered solution at 37 degrees C. <i>Biomaterials</i> , <b>2004</b> , 25, 5449-55	15.6	72
217	Crystal Structure of Poly(lactic acid) Stereocomplex: Random Packing Model of PDLA and PLLA Chains As Studied by X-ray Diffraction Analysis. <i>Macromolecules</i> , <b>2017</b> , 50, 8048-8065	5.5	71
216	Stereocomplex Crystallization and Spherulite Growth of Low Molecular Weight Poly(L-lactide) and Poly(D-lactide) from the Melt. <i>Macromolecular Chemistry and Physics</i> , <b>2009</b> , 210, 993-1002	2.6	70
215	Porous biodegradable polyesters. I. Preparation of porous poly(L-lactide) films by extraction of poly(ethylene oxide) from their blends. <i>Journal of Applied Polymer Science</i> , <b>2000</b> , 75, 629-637	2.9	67
214	Stereocomplex crystallization and spherulite growth behavior of poly(l-lactide)-b-poly(d-lactide) stereodiblock copolymers. <i>Polymer</i> , <b>2010</b> , 51, 4937-4947	3.9	66
213	In vitro hydrolysis of blends from enantiomeric poly(lactide)s. 3. Homocrystallized and amorphous blend films. <i>Biomacromolecules</i> , <b>2003</b> , 4, 7-11	6.9	66
212	Blends of aliphatic polyesters. VI. Lipase-catalyzed hydrolysis and visualized phase structure of biodegradable blends from poly( $\epsilon$ -caprolactone) and poly(L-lactide). <i>International Journal of Biological Macromolecules</i> , <b>2001</b> , 29, 83-9	7.9	66
211	Stereocomplex Formation between Enantiomeric Substituted Poly(lactide)s: Blends of Poly[(S)-2-hydroxybutyrate] and Poly[(R)-2-hydroxybutyrate]. <i>Macromolecules</i> , <b>2009</b> , 42, 7263-7266	5.5	64
210	Highly Enhanced Nucleating Effect of Melt-Recrystallized Stereocomplex Crystallites on Poly(L-lactic acid) Crystallization. <i>Macromolecular Materials and Engineering</i> , <b>2011</b> , 296, 887-893	3.9	63

209	Water Vapor Permeability of Poly(L-lactide)/Poly(D-lactide) Stereocomplexes. <i>Macromolecular Materials and Engineering</i> , <b>2010</b> , 295, 709-715	3.9	63
208	Blends of aliphatic polyesters. IV. Morphology, swelling behavior, and surface and bulk properties of blends from hydrophobic poly(L-lactide) and hydrophilic poly(vinyl alcohol). <i>Journal of Applied Polymer Science</i> , <b>2001</b> , 81, 2151-2160	2.9	62
207	Heterostereocomplexation between biodegradable and optically active polyesters as a versatile preparation method for biodegradable materials. <i>Biomacromolecules</i> , <b>2010</b> , 11, 252-8	6.9	61
206	Stereocomplex Crystallization Behavior and Physical Properties of Linear 1-Arm, 2-Arm, and Branched 4-Arm Poly(L-lactide)/Poly(D-lactide) Blends: Effects of Chain Directional Change and Branching. <i>Macromolecular Chemistry and Physics</i> , <b>2013</b> , 214, 776-786	2.6	60
205	Biodegradable polyesters as crystallization-accelerating agents of poly(L-lactide). <i>ACS Applied Materials &amp; Interfaces</i> , <b>2009</b> , 1, 1719-30	9.5	60
204	Comparative study on hydrolytic degradation and monomer recovery of poly(L-lactic acid) in the solid and in the melt. <i>Polymer Degradation and Stability</i> , <b>2008</b> , 93, 1956-1963	4.7	60
203	Crystallization behavior and physical properties of linear 2-arm and branched 4-arm poly(L-lactide)s: Effects of branching. <i>Polymer</i> , <b>2013</b> , 54, 2422-2434	3.9	59
202	Synchronous and separate homo-crystallization of enantiomeric poly(L-lactic acid)/poly(D-lactic acid) blends. <i>Polymer</i> , <b>2012</b> , 53, 747-754	3.9	58
201	In vitro hydrolysis of poly(L-lactide) crystalline residues as extended-chain crystallites: III. Effects of pH and enzyme. <i>Polymer Degradation and Stability</i> , <b>2004</b> , 85, 647-656	4.7	58
200	Alkaline and enzymatic degradation of L-lactide copolymers, 1. Amorphous-made films of L-lactide copolymers with D-lactide, glycolide, and epsilon-caprolactone. <i>Macromolecular Bioscience</i> , <b>2005</b> , 5, 135-148	5.5	58
199	Enhanced crystallization of poly(L-lactide-co-epsilon-caprolactone) during storage at room temperature. <i>Journal of Applied Polymer Science</i> , <b>2000</b> , 76, 947-953	2.9	57
198	Poly(L-lactide). X. Enhanced surface hydrophilicity and chain-scission mechanisms of poly(L-lactide) film in enzymatic, alkaline, and phosphate-buffered solutions. <i>Journal of Applied Polymer Science</i> , <b>2003</b> , 87, 1628-1633	2.9	56
197	Poly(L-lactide): v. effects of storage in swelling solvents on physical properties and structure of poly(L-lactide). <i>Journal of Applied Polymer Science</i> , <b>2001</b> , 79, 1582-1589	2.9	56
196	Polyglycolide as a Biodegradable Nucleating Agent for Poly(L-lactide). <i>Macromolecular Materials and Engineering</i> , <b>2008</b> , 293, 947-951	3.9	55
195	Alkaline and enzymatic degradation of L-lactide copolymers. II. Crystallized films of poly(L-lactide-co-D-lactide) and poly(L-lactide) with similar crystallinities. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , <b>2005</b> , 43, 1064-1075	2.6	55
194	Enzymatic, alkaline, and autocatalytic degradation of poly(L-lactic acid): effects of biaxial orientation. <i>Biomacromolecules</i> , <b>2006</b> , 7, 380-7	6.9	54
193	Crystallization behavior of linear 1-arm and 2-arm poly(L-lactide)s: Effects of coinitiators. <i>Polymer</i> , <b>2008</b> , 49, 1385-1397	3.9	52
192	Enzymatic Degradation of Poly(L-Lactic Acid): Effects of UV Irradiation. <i>Journal of Polymers and the Environment</i> , <b>2006</b> , 14, 239-248	4.5	49

191	Accelerated hydrolytic degradation of Poly(l-lactide)/Poly(d-lactide) stereocomplex up to late stage. <i>Polymer Degradation and Stability</i> , <b>2010</b> , 95, 477-484	4.7	48
190	Blends of isotactic and atactic poly(lactide). I. Effects of mixing ratio of isomers on crystallization of blends from melt. <i>Journal of Applied Polymer Science</i> , <b>1995</b> , 58, 1793-1802	2.9	48
189	Blends of aliphatic polyesters. VIII. Effects of poly(L-lactide-co-ε-caprolactone) on enzymatic hydrolysis of poly(L-lactide), poly(ε-caprolactone), and their blend films. <i>Journal of Applied Polymer Science</i> , <b>2003</b> , 87, 412-419	2.9	47
188	Surface hydrophilicity and enzymatic hydrolyzability of biodegradable polyesters: 1. effects of alkaline treatment. <i>Polymer International</i> , <b>2003</b> , 52, 843-852	3.3	47
187	Isothermal crystallization and spherulite growth behavior of stereo multiblock poly(lactic acid)s: Effects of block length. <i>Journal of Applied Polymer Science</i> , <b>2013</b> , 129, 2502-2517	2.9	46
186	Stereocomplex formation between enantiomeric poly(lactic acid)s. X. Binary blends from poly(D-lactide-CO-glycolide) and poly(L-lactide-CO-glycolide). <i>Journal of Applied Polymer Science</i> , <b>1994</b> , 53, 1061-1071	2.9	46
185	In vitro hydrolysis of poly(l-lactide) crystalline residues as extended-chain crystallites: II. Effects of hydrolysis temperature. <i>Biomacromolecules</i> , <b>2004</b> , 5, 1021-8	6.9	43
184	Stereocomplex formation between poly(L-lactic acid) and poly(D-lactic acid) with disproportionately low and high molecular weights from the melt. <i>Polymer International</i> , <b>2012</b> , 61, 442-450	3.3	42
183	Degradation of poly(d-lactic acid) by a thermophile. <i>Polymer Degradation and Stability</i> , <b>2003</b> , 81, 167-174	4.7	42
182	Poly(l-lactide) XI. Lactide formation by thermal depolymerisation of poly(l-lactide) in a closed system. <i>Polymer Degradation and Stability</i> , <b>2003</b> , 81, 501-509	4.7	42
181	Precursors in stereo-complex crystals of poly(L-lactic acid)/poly(D-lactic acid) blends under shear flow. <i>Journal of Applied Crystallography</i> , <b>2014</b> , 47, 14-21	3.8	41
180	Effect of LTI content on impact fracture property of PLA/PCL/LTI polymer blends. <i>Journal of Materials Science</i> , <b>2006</b> , 41, 6501-6504	4.3	41
179	Physical properties and enzymatic hydrolysis of poly(L-lactide)/TiO <sub>2</sub> composites. <i>Journal of Applied Polymer Science</i> , <b>2005</b> , 96, 190-199	2.9	41
178	Effects of rapid crystallization on hydrolytic degradation and mechanical properties of poly(l-lactide-co-ε-caprolactone). <i>Reactive and Functional Polymers</i> , <b>2006</b> , 66, 1362-1372	4.6	40
177	Industrial Production of High Molecular Weight Poly(Lactic Acid) <b>2010</b> , 27-41		39
176	Solid-state <sup>13</sup> C NMR analyses of the structures of crystallized and quenched poly(lactide)s: Effects of crystallinity, water absorption, hydrolytic degradation, and tacticity. <i>Polymer</i> , <b>2010</b> , 51, 2215-2220	3.9	39
175	Crystal modulus of poly (lactic acid)s, and their stereocomplex. <i>Polymer</i> , <b>2018</b> , 138, 124-131	3.9	38
174	Stereocomplex Crystallization and Homocrystallization of Star-Shaped Four-Armed Stereo Diblock Poly(lactide)s with Different L-Lactyl Unit Contents: Isothermal Crystallization from the Melt. <i>Journal of Physical Chemistry B</i> , <b>2016</b> , 120, 1183-93	3.4	38

173	Highly Enhanced Accelerating Effect of Melt-Recrystallized Stereocomplex Crystallites on Poly(L-lactic acid) Crystallization, 2 Effects of Poly(D-lactic acid) Concentration. <i>Macromolecular Materials and Engineering</i> , <b>2013</b> , 298, 270-282	3.9	38
172	Development of novel bistolane-based liquid crystalline molecules with an alkylsulfanyl group for highly birefringent materials. <i>RSC Advances</i> , <b>2016</b> , 6, 16568-16574	3.7	37
171	Crystallization and hydrolytic/thermal degradation of a novel stereocomplexationable blend of poly(L-2-hydroxybutyrate) and poly(D-2-hydroxybutyrate). <i>Polymer Journal</i> , <b>2011</b> , 43, 317-324	2.7	37
170	Porous biodegradable polyesters. II. Physical properties, morphology, and enzymatic and alkaline hydrolysis of porous poly( $\epsilon$ -caprolactone) films. <i>Journal of Applied Polymer Science</i> , <b>2001</b> , 80, 2281-2291	2.9	37
169	Synthesis, physical properties, and crystallization of optically active poly(L-phenyllactic acid) and poly(L-phenyllactic acid-co-L-lactic acid). <i>Journal of Applied Polymer Science</i> , <b>2008</b> , 110, 3954-3962	2.9	36
168	Hetero-stereocomplex formation of stereoblock copolymer of substituted and non-substituted poly(lactide)s. <i>Polymer</i> , <b>2011</b> , 52, 1318-1325	3.9	35
167	Hydrolytic degradation behavior of stereo multiblock and diblock poly(lactic acid)s: Effects of block lengths. <i>Polymer Degradation and Stability</i> , <b>2013</b> , 98, 709-719	4.7	34
166	Porous biodegradable polyester blends of poly(L-lactic acid) and poly( $\epsilon$ -caprolactone): physical properties, morphology, and biodegradation. <i>Polymer International</i> , <b>2007</b> , 56, 258-266	3.3	34
165	Twist-bend nematic liquid crystals based on thioether linkage. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 6786-6793	3.7	33
164	Hydrolytic Degradation of Amorphous Films of L-Lactide Copolymers with Glycolide and D-Lactide. <i>Macromolecular Materials and Engineering</i> , <b>2006</b> , 291, 357-368	3.9	33
163	The design of liquid crystalline bistolane-based materials with extremely high birefringence. <i>RSC Advances</i> , <b>2016</b> , 6, 92845-92851	3.7	33
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