Hideto Tsuji

List of Publications by Year
in descending order

252 papers	22,942 citations	10979 71 h-index	9334 143 g-index
310 all docs	310 docs citations	310 times ranked	9091 citing authors

#	Article	IF	Citations
1	Deuterated Liquid Crystals â€“ practical synthesis of deuterium labeled 4-alkyl-4â€³-isothiocyanato-[1,1Ê¹:4Ê¹,1â€³]terphenyls. Journal of Molecular Liquids, 2022, 345, 117847.	2.3	4
2	Synthesis, stereocomplex crystallization, homo-crystallization, and thermal properties and degradation of enantiomeric aromatic poly(lactic acid)s, poly(mandelic acid)s. Polymer Degradation and Stability, 2022, 195, 109803.	2.7	4
3	Effects of alkylthio groups on phase transitions of organic molecules and liquid crystals: a comparative study with alkyl and alkoxy groups. CrystEngComm, 2022, 24, 1877-1890.	1.3	12
4	Alkylthio-based asymmetric liquid crystals: unravelling the substituent effects and intercalated cybotactic nematic and smectic phases. Materials Advances, 2022, 3, 3218-3228.	2.6	7
5	Thioether-Linked Liquid Crystal Trimers: Oddâ€“Even Effects of Spacers and the Influence of Thioether Bonds on Phase Behavior. Materials, 2022, 15, 1709.	1.3	9
6	2,7-substituted fluorenone-based liquid crystal trimers: twist-bend nematic phase induced by outer thioether linkage. Phase Transitions, 2022, 95, 331-339.	0.6	7
7	Distinct twist-bend nematic phase behaviors associated with the ester-linkage direction of thioether-linked liquid crystal dimers. Materials Advances, 2021, 2, 261-272.	2.6	18
8	Stereocomplex- and homo-crystallization behavior, structure, morphology, and thermal properties of crystalline and amorphous stereo diblock copolymers, enantiomeric Poly(l-lactide)-b-Poly(dl-lactide) and Poly(d-lactide)-b-Poly(dl-lactide). Polymer, 2021, 213, 123226.	1.8	17
9	Thioether-linked azobenzene-based liquid crystal dimers exhibiting the twist-bend nematic phase over a wide temperature range. Liquid Crystals, 2021, 48, 641-652.	0.9	22
10	Extreme modulation of liquid crystal viscoelasticity <i>via</i> altering the ester bond direction. Journal of Materials Chemistry C, 2021, 9, 9990-9996.	2.7	3
11	Methylene- and thioether-linked cyanobiphenyl-based liquid crystal dimers CB<i>n</i>SCB exhibiting room temperature twist-bend nematic phases and glasses. Materials Advances, 2021, 2, 1760-1773.	2.6	21
12	Carbonyl- and thioether-linked cyanobiphenyl-based liquid crystal dimers exhibiting twist-bend nematic phases. Tetrahedron, 2021, 81, 131870.	1.0	15
13	Phase behaviors of classic liquid crystal dimers and trimers: Alternate induction of smectic and twist-bend nematic phases depending on spacer parity for liquid crystal trimers. Journal of Molecular Liquids, 2021, 326, 115319.	2.3	18
14	Stereocomplex- and homo-crystallization behavior, polymorphism, and thermal properties of enantiomeric random copolymers of l- and d-lactic acids from the melt. Polymer, 2021, 228, 123954.	1.8	6
15	Synthesis and Stereocomplexation of New Enantiomeric Stereo Periodical Copolymers Poly(<scp>l</scp>-lactic acidâ€“<scp>l</scp>-lactic acidâ€“<scp>d</scp>-lactic acid) and Poly(<scp>d</scp>-lactic acidâ€“<scp>d</scp>-lactic acidâ€“<scp>l</scp>-lactic acid). Macromolecules, 2021, 54, 6226-6237.	2.2	12
16	Complete Genome Sequence of <i>Gelria</i> sp. Strain Kuro-4, a Thermophilic Anaerobe Isolated from a Thermophilic Anaerobic Digestion Reactor Treating Poly(<scp>L</scp> -Lactic Acid). Microbiology Resource Announcements, 2021, 10, e0054421.	0.3	0
17	Thioether-linked benzylideneaniline-based twist-bend nematic liquid crystal dimers: Insights into spacer lengths, mesogenic arm structures, and linkage types. Tetrahedron, 2021, 95, 132351.	1.0	11
18	Synthesis and characterization of alkylthio-attached azobenzene-based liquid crystal polymers: Roles of the alkylthio bond and polymer chain in phase behavior and liquid crystal formation. Polymer, 2021, , 124194.	1.8	5

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19	Stereocomplex and individual crystallization behavior of symmetric or enantiomeric substituted Poly(lactic acid)s random copolymers with high crystallizabilities. Polymer, 2021, 237, 124352.	1.8	2
20	Thioether-linked liquid crystal dimers and trimers: The twist-bend nematic phase. Journal of Molecular Structure, 2020, 1199, 126913.	1.8	42
21	Stereocomplex and Individual Crystallizability of Random Copolymers Based on Chiral Î±-Monosubstituted 2-Hydroxyalkanoic Acids. Crystal Growth and Design, 2020, 20, 1047-1057.	1.4	7
22	Thermal properties and degradation of enantiomeric copolyesteramides poly(lactic acid-co-alanine)s. Polymer Degradation and Stability, 2020, 171, 109047.	2.7	8
23	Etherâ€•and Thioetherâ€Linked Naphthaleneâ€Based Liquidâ€Crystal Dimers: Influence of Chalcogen Linkage and Mesogenicâ€Arm Symmetry on the Incidence and Stability of the Twistâ€"Bend Nematic Phase. Chemistry - A European Journal, 2020, 26, 3767-3775.	1.7	34
24	Stereocomplex crystallization, homocrystallization, and polymorphism of enantiomeric copolyesteramides poly(lactic acidâ€•<i>co</i> â€alanine)s from the melt. Polymer Crystallization, 2020, 3, e10094.	0.5	4
25	Birefringence and photoluminescence properties of diphenylacetylene-based liquid crystal dimers. New Journal of Chemistry, 2020, 44, 17531-17541.	1.4	17
26	Crystallization behavior, structure, morphology, and thermal properties of crystalline and amorphous stereo diblock copolymers, poly(l-lactide)-b-poly(dl-lactide). Polymer Chemistry, 2020, 11, 5711-5724.	1.9	7
27	Viscoelastic properties of a thioether-based heliconical twistâ€"bend nematogen. Physical Chemistry Chemical Physics, 2020, 22, 9593-9599.	1.3	15
28	Synthesis and stereocomplex formation of enantiomeric alternating copolymers with two types of chiral centers, poly(lactic acid-<i>alt</i>-2-hydroxybutanoic acid)s. RSC Advances, 2020, 10, 39000-39007.	1.7	8
29	Screening of crystalline species and enhanced nucleation of enantiomeric poly(lactide) systems by melt-quenching. Polymer Bulletin, 2019, 76, 1199-1216.	1.7	10
30	Draft Genome Sequence of Thermodesulfovibrio sp. Strain Kuro-1, a Thermophilic, Lactate-Degrading Anaerobe Isolated from a Thermophilic Anaerobic Digestion Reactor. Microbiology Resource Announcements, 2019, 8, .	0.3	1
31	Alkylthio- and alkyl-substituted asymmetric diphenyldiacetylene-based liquid crystals: phase transitions, mesophase and single-crystal structures, and birefringence. Liquid Crystals, 2019, 46, 1621-1630.	0.9	17
32	Prokaryotic Community Structures in a Thermophilic Anaerobic Digestion Reactor Converting Poly() Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Microbiology Resource Announcements, 2019, 8, .	0.3	4
33	Nitrate removal performance and diversity of active denitrifying bacteria in denitrification reactors using poly(L-lactic acid) with enhanced chemical hydrolyzability. Environmental Science and Pollution Research, 2019, 26, 36236-36247.	2.7	7
34	Supramolecular hydrogen-bonded liquid crystals based on 4-n-alkylthiobenzoic acids and 4,4â€²-bipyridine: Their mesomorphic behavior with comparative study including alkyl and alkoxy counterparts. Journal of Molecular Liquids, 2019, 280, 153-159.	2.3	37
35	Quiescent Crystallization of Poly(Lactic Acid) and Its Copolymers-Based Materials. Advances in Polymer Science, 2019, , 37-86.	0.4	7
36	Selenium-linked liquid crystal dimers for twist-bend nematogens. Journal of Molecular Liquids, 2019, 289, 111097.	2.3	28

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37	Stereocomplex Formation between Enantiomeric Alternating Lactic Acid-Based Copolymers as a Versatile Method for the Preparation of High Performance Biobased Biodegradable Materials. ACS Applied Polymer Materials, 2019, 1, 1476-1484.	2.0	27
38	Simultaneous stereocomplex cocrystallization from coexisting two types of stereocomplexationable poly(lactide) systems. CrystEngComm, 2019, 21, 3158-3169.	1.3	6
39	Twist-bend nematic liquid crystals based on thioether linkage. New Journal of Chemistry, 2019, 43, 6786-6793.	1.4	52
40	A versatile strategy for the synthesis and mechanical property manipulation of networked biodegradable polymeric materials composed of well-defined alternating hard and soft domains. RSC Advances, 2019, 9, 7094-7106.	1.7	5
41	Isolation of lactate-degrading bacteria from anaerobic sludge in a thermophilic anaerobic digestion reactor treating poly(L-lactic acid). AIP Conference Proceedings, 2019, , .	0.3	1
42	Synthesis, properties, and crystallization of the alternating stereocopolymer poly(<scp>l</scp>-lactic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf poly(lactic acid). Polymer Chemistry, 2018, 9, 2446-2457.	1.9	29
43	Crystal modulus of poly (lactic acid)s, and their stereocomplex. Polymer, 2018, 138, 124-131.	1.8	44
44	Synthesis, stereocomplex crystallization and homo-crystallization of enantiomeric poly(lactic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462	1.9	25
45	Ternary Stereocomplex and Hetero-Stereocomplex Crystallizability of Substituted and Unsubstituted Poly(lactic acid)s. Crystal Growth and Design, 2018, 18, 521-530.	1.4	15
46	Novel diphenylacetylene-based room-temperature liquid crystalline molecules with alkylthio groups, and investigation of the role for terminal alkyl chains in mesogenic incidence and tendency. Liquid Crystals, 2018, 45, 811-820.	0.9	34
47	Synthesis, phase transitions and birefringence of novel liquid crystalline 1,4-phenylene bis(4-alkylthio) Tj ETQq1 1 0.784314 rgBT /Overl	0.9	23
48	Strong Disturbance Effect of Comonomer Units with Opposite Configuration on Crystallization of Optically Active Monomer-Based Random Copolymers. Crystal Growth and Design, 2018, 18, 6155-6164.	1.4	5
49	Stereocomplex Crystallization between <scp>l</scp>- and <scp>d</scp>-Configured Staggered Asymmetric Random Copolymers Based on 2-Hydroxyalkanoic Acids. Crystal Growth and Design, 2018, 18, 6009-6019.	1.4	24
50	Draft Genome Sequence of Moorella sp. Strain Hama-1, a Novel Acetogenic Bacterium Isolated from a Thermophilic Digestion Reactor. Genome Announcements, 2018, 6, .	0.8	4
51	Improvement of methanogenic activity of anaerobic digestion using poly(l-lactic acid) with enhanced chemical hydrolyzability based on physicochemical parameters. Journal of Environmental Management, 2018, 226, 476-483.	3.8	13
52	New fabrication approach to develop a high birefringence photo-crosslinked film based on a sulfur-containing liquid crystalline molecule with large temperature dependence of birefringence. Molecular Crystals and Liquid Crystals, 2018, 662, 197-207.	0.4	6
53	Cocrystallization of monomer units of biobased and biodegradable Poly(l-lactic acid-co-glycolic acid) random copolymers. Polymer Journal, 2018, 50, 1079-1088.	1.3	19
54	Stereocomplex Crystallization of Linear Two-Armed Stereo Diblock Copolymers: Effects of Chain Directional Change, Coinitiator Moiety, and Terminal Groups. Journal of Physical Chemistry B, 2017, 121, 2695-2702.	1.2	7

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55	Configurational Molecular Glue: One Optically Active Polymer Attracts Two Oppositely Configured Optically Active Polymers. Scientific Reports, 2017, 7, 45170.	1.6	19
56	Phase transitions and birefringence of bistolane-based nematic molecules with an alkyl, alkoxy and alkylthio group. Molecular Crystals and Liquid Crystals, 2017, 647, 422-429.	0.4	30
57	Synthesis of meso-lactide by thermal configurational inversion and depolymerization of poly(l) Tj ETQq1 1 0.784314 rgBT /Overlock 10 141, 77-83.	2.7	27
58	Hydrogen bonding liquid crystalline benzoic acids with alkylthio groups: phase transition behavior and insights into the cybotactic nematic phase. New Journal of Chemistry, 2017, 41, 6514-6522.	1.4	37
59	Crystal Structure of Poly(lactic acid) Stereocomplex: Random Packing Model of PDLA and PLLA Chains As Studied by X-ray Diffraction Analysis. Macromolecules, 2017, 50, 8048-8065.	2.2	100
60	Stereocomplex Crystallization of Star-Shaped Four-Armed Stereo Diblock Poly(lactide) from the Melt: Effects of Incorporated Linear One-Armed Poly(<scp>l</scp>-lactide) or Poly(<scp>d</scp>-lactide). Journal of Physical Chemistry B, 2017, 121, 9936-9946.	1.2	10
61	Stereocomplexâ€•and Homoâ€Crystallization and Phaseâ€Transition Behavior of Relatively Highâ€Molecularâ€Weight Linear Oneâ€•and Twoâ€Armed and Starâ€Shaped Fourâ€Armed Poly(<scp>l</scp>â€lactide)/Poly(<scp>d</scp>â€lactide) Blends. Macromolecular Chemistry and Physics, 2017, 218, 1700286.	1.1	7
62	The effect of fluorine substitutions on the refractive index properties for Ï€-conjugated calamitic nematic materials. Phase Transitions, 2017, 90, 549-556.	0.6	12
63	Novel Hydrogen-bonded Liquid Crystalline Complexes between 4-Alkylthiobenzoic Acids and 4-Phenylpyridine. Chemistry Letters, 2017, 46, 1657-1659.	0.7	10
64	Stereocomplex Crystallization of Starâ€Shaped 4â€Armed Equimolar Stereo Diblock Poly(lactide)s with Different Molecular Weights: Isothermal Crystallization from the Melt. Macromolecular Chemistry and Physics, 2016, 217, 1547-1557.	1.1	22
65	Heterostereocomplexâ€•and Homocrystallization and Thermal Properties and Degradation of Substituted Poly(lactic acid)s, Poly(<scp>l</scp>â€2â€hydroxybutanoic acid) and Poly(<scp>d</scp>â€2â€hydroxyâ€3â€methylbutanoic acid). Macromolecular Chemistry and Physics, 2016, 217, 2483-2493.	1.1	12
66	Stereocomplex- and homo-crystallization of blends from 2-armed poly(l-lactide) and poly(d-lactide) with identical and opposite chain directional architectures and of 2-armed stereo diblock poly(lactide). Polymer, 2016, 96, 167-181.	1.8	17
67	Poly(lactic acid) stereocomplexes: A decade of progress. Advanced Drug Delivery Reviews, 2016, 107, 97-135.	6.6	406
68	Isothermal Crystallization Process of Poly(<scp>l</scp>-lactic acid)/Poly(<scp>d</scp>-lactic acid) Blends after Rapid Cooling from the Melt. ACS Omega, 2016, 1, 476-482.	1.6	32
69	The design of liquid crystalline bistolane-based materials with extremely high birefringence. RSC Advances, 2016, 6, 92845-92851.	1.7	49
70	Stereocomplex crystallization and homo-crystallization of star-shaped four-armed stereo diblock poly(lactide)s during precipitation and non-isothermal crystallization. Polymer Journal, 2016, 48, 1087-1093.	1.3	10
71	Homo- and Stereocomplex Crystallization of Star-Shaped Four-Armed Stereo Diblock Copolymers of Crystalline and Amorphous Poly(lactide)s: Effects of Incorporation and Position of Amorphous Blocks. Journal of Physical Chemistry B, 2016, 120, 11052-11063.	1.2	17
72	Effect of incorporated star-shaped four-armed stereo diblock poly(lactide) on the crystallization behavior of linear one-armed poly(l-lactide) or poly(d-lactide). Polymer Journal, 2016, 48, 209-213.	1.3	14

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73	Development of novel bistolane-based liquid crystalline molecules with an alkylsulfanyl group for highly birefringent materials. RSC Advances, 2016, 6, 16568-16574.	1.7	51
74	Stereocomplex Crystallization and Homocrystallization of Star-Shaped Four-Armed Stereo Diblock Poly(lactide)s with Different <scp>l</scp>-Lactyl Unit Contents: Isothermal Crystallization from the Melt. Journal of Physical Chemistry B, 2016, 120, 1183-1193.	1.2	44
75	Synchronous and separate homo-crystallization of an enantiomeric oligomeric poly(l-3-hydroxybutanoic acid)/poly(d-3-hydroxybutanoic acid) blend. Polymer Journal, 2016, 48, 215-220.	1.3	2
76	Crystal Morphology of Poly(L-lactic Acid) and Poly(D-lactic Acid) Blends during Cooling and Heating Processes. Kobunshi Ronbunshu, 2015, 72, 141-148.	0.2	2
77	Stereocomplex crystallization and homo-crystallization of enantiomeric substituted poly(lactic) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.8	26
78	Stereocomplexation of quaternary or ternary monomer units and dual stereocomplexation in enantiomeric binary and quaternary polymer blends of poly(2-hydroxybutanoic acid)s, poly(2-hydroxybutanoic acid-co-lactic acid)s, and poly(lactic acid)s. RSC Advances, 2015, 5, 83331-83342.	1.7	23
79	Hydrolytic degradation and crystallization behavior of linear 2â€armed and starâ€shaped 4â€armed poly(<scp>l</scp>â€lactide)s: Effects of branching architecture and crystallinity. Journal of Applied Polymer Science, 2015, 132, .	1.3	13
80	Accelerated Stereocomplex Crystallization of Poly(<scp>L</scp>â€lactide)/Poly(<scp>D</scp>â€lactide) Blends by Long Terminal Linear Alkyl Groups. Macromolecular Materials and Engineering, 2015, 300, 391-402.	1.7	9
81	Quaternary stereocomplex formation of substituted poly(lactic acid)s, l- and d-configured poly(2-hydroxybutanoic acid)s and l- and d-configured poly(2-hydroxy-3-methylbutanoic acid)s. Polymer, 2015, 68, 57-64.	1.8	14
82	Cocrystallization of monomer units in lactic acid-based biodegradable copolymers, poly(l-lactic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 38	1.8	21
83	Non-isothermal crystallization behavior of stereo diblock polylactides with relatively short poly(<scp>d</scp>-lactide) segments from the melt. Polymer International, 2015, 64, 54-65.	1.6	14
84	Poly(l-Lactide). , 2015, , 1-12.		1
85	Crystallization Behavior of Stereo Diblock Poly(Lactide)s with Relatively Short Poly(<scp>D</scp>â€Lactide) Segment from Partially Melted State. Macromolecular Materials and Engineering, 2014, 299, 1089-1105.	1.7	24
86	Heteroâ€Stereocomplex Crystallization between Starâ€Shaped 4â€Arm Poly(<scp>l</scp>â€2â€hydroxybutanoic) Tj ETQq0 0 0 rgBT /O 215, 1879-1888.	1.1	15
87	Highly accelerated stereocomplex crystallization by blending star-shaped 4-armed stereo diblock poly(lactide)s with poly(d -lactide) and poly(l -lactide) cores. Polymer, 2014, 55, 6444-6450.	1.8	41
88	Relatively Short Poly(<scp>D</scp>â€lactide) Segments as Intraâ€<scp>C</scp>rystallizationâ€<scp>A</scp>ccelerating Moieties in Stereo Diblock Poly(lactide)s. Macromolecular Materials and Engineering, 2014, 299, 430-435.	1.7	11
89	Hydrolytic degradation of linear 2-arm and branched 4-arm poly(dl-lactide)s: Effects of branching and terminal hydroxyl groups. Polymer Degradation and Stability, 2014, 102, 59-66.	2.7	11
90	Hetero-stereocomplex formation between substituted poly(lactic acid)s with linear and branched side chains, poly(l-2-hydroxybutanoic acid) and poly(d-2-hydroxy-3-methylbutanoic acid). Polymer, 2014, 55, 721-726.	1.8	29

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91	Long terminal linear alkyl group as internal crystallization accelerating moiety of poly(l-lactide). Polymer, 2014, 55, 4786-4798.	1.8	13
92	Precursors in stereo-complex crystals of poly(<scp>L</scp>-lactic acid)/poly(<scp>D</scp>-lactic acid) blends under shear flow. Journal of Applied Crystallography, 2014, 47, 14-21.	1.9	45
93	Highly enhanced accelerating effect of meltâ€recrystallized stereocomplex crystallites on poly(<scp>L</scp>â€lactic acid) crystallization: effects of molecular weight of poly(<scp>D</scp>â€lactic) Tj ETQq1 1 0.784314 rgBT /O	1.6	21
94	Stereocomplex Crystallization Behavior and Physical Properties of Linear 1â€Arm, 2â€Arm, and Branched 4â€Arm Poly(<scp>L</scp>â€lactide)/Poly(<scp>D</scp>â€lactide) Blends: Effects of Chain Directional Change and Branching. Macromolecular Chemistry and Physics, 2013, 214, 776-786.	1.1	68
95	Physical Properties, Crystallization, and Thermal/Hydrolytic Degradation of Poly(<scp>L</scp>â€lactide)/Nano/Microâ€Diamond Composites. Macromolecular Materials and Engineering, 2013, 298, 1149-1159.	1.7	13
96	Hydrolytic degradation behavior of stereo multiblock and diblock poly(lactic acid)s: Effects of block lengths. Polymer Degradation and Stability, 2013, 98, 709-719.	2.7	43
97	Crystallization behavior and physical properties of linear 2-arm and branched 4-arm poly(l-lactide)s: Effects of branching. Polymer, 2013, 54, 2422-2434.	1.8	65
98	Isothermal crystallization and spherulite growth behavior of stereo multiblock poly(lactic acid)s: Effects of block length. Journal of Applied Polymer Science, 2013, 129, 2502-2517.	1.3	58
99	Ternary stereocomplex crystallization of poly(l-2-hydroxybutanoic acid), poly(d-2-hydroxybutanoic) Tj ETQq1 1 0.784314 rgBT /Overlock	1.8	18
100	Highly Enhanced Accelerating Effect of Meltâ€Recrystallized Stereocomplex Crystallites on Poly(<scp>L</scp>â€lactic acid) Crystallization, 2â€"Effects of Poly(<scp>D</scp>â€lactic acid) Concentration. Macromolecular Materials and Engineering, 2013, 298, 270-282.	1.7	43
101	Nitrate removal properties of solid-phase denitrification processes using acid-blended poly(L-lactic) Tj ETQq1 1 0.784314 rgBT /Overlock	0.3	0
102	Heterostereocomplex Crystallization and Homocrystallization From the Melt in Blends of Substituted and Unsubstituted Poly(lactide)s. Macromolecular Chemistry and Physics, 2012, 213, 2573-2581.	1.1	21
103	Macromol. Chem. Phys. 20/2012. Macromolecular Chemistry and Physics, 2012, 213, 2204-2204.	1.1	0
104	Photodegradation of Poly(lactic acid) Stereocomplex by UV-Irradiation. Journal of Polymers and the Environment, 2012, 20, 706-712.	2.4	25
105	Separate Crystallization and Cocrystallization of Poly(<scp>L</scp>â€lactide) in the Presence of <scp>L</scp>â€Lactideâ€Based Copolymers With Low Crystallizability, Poly(<scp>L</scp>â€lactideâ€<i>co</i>â€glycolide) and Poly(<scp>L</scp>â€lactideâ€<i>co</i>â€<scp>D</scp>â€lactide). Macromolecular Chemistry and Physics, 2012, 213, 2099-2112.	1.1	21
106	Synthesis and Characterization of Stereo Multiblock Poly(lactic acid)s with Different Block Lengths by Melt Polycondensation of Poly(<scp>L</scp>â€lactic acid)/Poly(<scp>D</scp>â€lactic acid) Blends. Macromolecular Reaction Engineering, 2012, 6, 446-457.	0.9	35
107	Stereocomplex crystallization and homo-crystallization of enantiomeric poly(2-hydroxybutyrate)s: Effects of molecular weight and crystallization conditions. Polymer, 2012, 53, 5385-5392.	1.8	30
108	Ternary Stereocomplex Formation of One <scp>l</scp>-Configured and Two <scp>d</scp>-Configured Optically Active Polyesters, Poly(<scp>l</scp>-2-hydroxybutanoic acid), Poly(<scp>d</scp>-2-hydroxybutanoic acid), and Poly(<scp>d</scp>-lactic acid). ACS Macro Letters, 2012, 1, 687-691.	2.3	35

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109	Effects of Molar Mass of Poly(l-lactide acid) on the Crystallization of Poly[(R)-3-hydroxybutyrate] in Their Ultrathin Blend Films. Macromolecules, 2012, 45, 2485-2493.	2.2	22
110	Stereocomplex formation between poly(Lâ€lactic acid) and poly(Dâ€lactic acid) with disproportionately low and high molecular weights from the melt. Polymer International, 2012, 61, 442-450.	1.6	52
111	Hydrolytic degradation of poly(<scp>L</scp>â€lactic acid): Combined effects of UV treatment and crystallization. Journal of Applied Polymer Science, 2012, 125, 2394-2406.	1.3	25
112	Synchronous and separate homo-crystallization of enantiomeric poly(l-lactic acid)/poly(d-lactic acid) blends. Polymer, 2012, 53, 747-754.	1.8	67
113	Synthesis and Hydrolytic Degradation of Substituted Poly(DL-Lactic Acid)s. Materials, 2011, 4, 1384-1398.	1.3	35
114	Nitrate Removal Efficiency and Bacterial Community Dynamics in Denitrification Processes Using Poly (<sc>L</sc>-lactic acid) as the Solid Substrate. Microbes and Environments, 2011, 26, 212-219.	0.7	39
115	Crystallization and hydrolytic/thermal degradation of a novel stereocomplexationable blend of poly(L-2-hydroxybutyrate) and poly(D-2-hydroxybutyrate). Polymer Journal, 2011, 43, 317-324.	1.3	38
116	Hydrolytic degradation and thermal properties of linear 1-arm and 2-arm poly(dl-lactic acid)s: Effects of coinitiator-induced molecular structural difference. Polymer Degradation and Stability, 2011, 96, 2229-2236.	2.7	10
117	Effect of annealing on the mechanical properties of PLA/PCL and PLA/PCL/LTI polymer blends. Journal of the Mechanical Behavior of Biomedical Materials, 2011, 4, 255-260.	1.5	109
118	Enhanced Stereocomplex Crystallization of Biodegradable Enantiomeric Poly(lactic acid)s by Repeated Casting. Macromolecular Materials and Engineering, 2011, 296, 583-589.	1.7	88
119	Highly Enhanced Nucleating Effect of Meltâ€Recrystallized Stereocomplex Crystallites on Poly(<scp>L</scp>â€lactic acid) Crystallization. Macromolecular Materials and Engineering, 2011, 296, 887-893.	1.7	70
120	Homoâ€•and heteroâ€stereocomplexes of substituted poly(lactide)s as promising biodegradable crystallizationâ€accelerating agents of poly(<scp>L</scp>â€lactide). Journal of Applied Polymer Science, 2011, 122, 321-333.	1.3	35
121	Hetero-stereocomplex formation of stereoblock copolymer of substituted and non-substituted poly(lactide)s. Polymer, 2011, 52, 1318-1325.	1.8	37
122	Accelerated crystallization of poly(<scp>L</scp>â€lactide) by physical aging. Journal of Applied Polymer Science, 2010, 116, 1190-1196.	1.3	9
123	Water Vapor Permeability of Poly(<scp>L</scp>â€lactide)/Poly(<scp>D</scp>â€lactide) Stereocomplexes. Macromolecular Materials and Engineering, 2010, 295, 709-715.	1.7	76
124	Accelerated hydrolytic degradation of Poly(l-lactide)/Poly(d-lactide) stereocomplex up to late stage. Polymer Degradation and Stability, 2010, 95, 477-484.	2.7	51
125	Solid-state 13C NMR analyses of the structures of crystallized and quenched poly(lactide)s: Effects of crystallinity, water absorption, hydrolytic degradation, and tacticity. Polymer, 2010, 51, 2215-2220.	1.8	41
126	Stereocomplex crystallization and spherulite growth behavior of poly(l-lactide)-b-poly(d-lactide) stereodiblock copolymers. Polymer, 2010, 51, 4937-4947.	1.8	75

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