

CITATION REPORT

List of articles citing

Stereocomplex formation between poly(L-lactic acid) and poly(D-lactic acid) with disproportionately low and high molecular weights from the melt

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Polymer International, 2012, 61, 442-450.

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#	Paper	IF	Citations
46	Investigation of poly(lactide) stereocomplexes: 3-armed poly(L-lactide) blended with linear and 3-armed enantiomers. <i>Journal of Physical Chemistry B</i> , 2012 , 116, 9983-91	3.4	96
45	Stereocomplex Formation in Polylactide Multiarm Stars and Comb Copolymers with Linear and Hyperbranched Multifunctional PEG. <i>Macromolecular Chemistry and Physics</i> , 2013 , 214, 1434-1444	2.6	25
44	A review of polymeric refabrication techniques to modify polymer properties for biomedical and drug delivery applications. <i>AAPS PharmSciTech</i> , 2013 , 14, 692-711	3.9	38
43	Modified PLA Homochiral Crystallites Facilitated by the Confinement of PLA Stereocomplexes. <i>Macromolecules</i> , 2013 , 46, 6963-6971	5.5	67
42	Melt stereocomplexation from poly(L-lactic acid) and poly(D-lactic acid) with different optical purity. <i>Polymer Degradation and Stability</i> , 2013 , 98, 844-852	4.7	45
41	Crystallization Behavior of Stereo Diblock Poly(Lactide)s with Relatively Short Poly(D-Lactide) Segment from Partially Melted State. <i>Macromolecular Materials and Engineering</i> , 2014 , 299, 1089-1105	3.9	21
40	Structural Isomerization and Cold Crystallization of Bis[1-(2-propyl)iminomethylnaphthalen-2-olato]nickel(II) by Thermal Analysis, X-ray Diffraction, and FT-IR. <i>Bulletin of the Chemical Society of Japan</i> , 2015 , 88, 989-995	5.1	8
39	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. <i>RSC Advances</i> , 2015 , 5, 83331-83342	3.7	16
38	Remarkable Melting Behavior of PLA Stereocomplex in Linear PLLA/PDLA Blends. <i>Industrial & Engineering Chemistry Research</i> , 2015 , 54, 2246-2253	3.9	62
37	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. <i>Polymer</i> , 2015 , 68, 57-64	3.9	13
36	Thermally stable polylactides by stereocomplex formation and conjugation of both terminals with bio-based cinnamic acid derivatives. <i>RSC Advances</i> , 2015 , 5, 91423-91430	3.7	12
35	Non-isothermal crystallization behavior of stereo diblock polylactides with relatively short poly(D-lactide) segments from the melt. <i>Polymer International</i> , 2015 , 64, 54-65	3.3	12
34	Stereocomplex Crystallization of Star-Shaped 4-Armed Equimolar Stereo Diblock Poly(lactide)s with Different Molecular Weights: Isothermal Crystallization from the Melt. <i>Macromolecular Chemistry and Physics</i> , 2016 , 217, 1547-1557	2.6	16
33	Fully biobased robust biocomposites of PLA with assisted nucleation by monodispersed stereocomplexed polylactide particles. <i>RSC Advances</i> , 2016 , 6, 111129-111138	3.7	4
32	Novel Strategy of Lactide Polymerization Leading to Stereocomplex Polylactide Nanoparticles Using Supercritical Fluid Technology. <i>ACS Sustainable Chemistry and Engineering</i> , 2016 , 4, 4521-4528	8.3	12
31	Poly(lactic acid) stereocomplexes: A decade of progress. <i>Advanced Drug Delivery Reviews</i> , 2016 , 107, 97-135	18.5	301
30	Recent Progress in Using Stereocomplexation for Enhancement of Thermal and Mechanical Property of Polylactide. <i>ACS Sustainable Chemistry and Engineering</i> , 2016 , 4, 5370-5391	8.3	154

29	Formation of stereocomplex in enantiomeric poly(lactide)s via recrystallization of homocrystals: An in-situ X-ray scattering study. <i>European Polymer Journal</i> , 2016 , 82, 46-56	5.2	11
28	WITHDRAWN: PLA Stereocomplexes: A Decade of Progress. <i>Advanced Drug Delivery Reviews</i> , 2016 ,	18.5	2
27	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> , 2016 , 120, 1183-93	3.4	38
26	Recent Advances in Processing of Stereocomplex-Type Polylactide. <i>Macromolecular Rapid Communications</i> , 2017 , 38, 1700454	4.8	91
25	Insight into Structural Demand for Cold Crystallization of a Small Molecule. A Case Study for Schiff Base Compounds that Exhibit Prototropic Tautomerization. <i>Bulletin of the Chemical Society of Japan</i> , 2018 , 91, 669-677	5.1	10
24	Polylactide fibers with enhanced hydrolytic and thermal stability via complete stereo-complexation of poly(L-lactide) with high molecular weight of 600000 and lower-molecular-weight poly(D-lactide). <i>Journal of Materials Science</i> , 2018 , 53, 5490-5500	4.3	14
23	Poly(L-lactide) nanocomposites containing poly(D-lactide) grafted nanohydroxyapatite with improved interfacial adhesion via stereocomplexation. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2018 , 78, 10-19	4.1	15
22	Super heat deflection resistance stereocomplex crystallisation of PLA system achieved by selective laser sintering. <i>Micro and Nano Letters</i> , 2018 , 13, 1604-1608	0.9	2
21	The crystallization and phase transition behaviors of asymmetric PLLA/PDLA blends: From the amorphous state. <i>Polymer Crystallization</i> , 2018 , 1, e10006	0.9	10
20	Screening of crystalline species and enhanced nucleation of enantiomeric poly(lactide) systems by melt-quenching. <i>Polymer Bulletin</i> , 2019 , 76, 1199-1216	2.4	8
19	Crystallization of poly(L-lactic acid)/poly(D-lactic acid) blend induced by organic solvents. <i>Polymer Bulletin</i> , 2019 , 76, 3677-3691	2.4	8
18	Molecular simulations of microscopic mechanism of the effects of chain length on stereocomplex formation in polymer blends. <i>Computational Materials Science</i> , 2020 , 172, 109297	3.2	16
17	Interfacial stereocomplexation in heterogeneous polymer powder formulations for reinforcing (laser) sintered welds. <i>Additive Manufacturing</i> , 2020 , 36, 101665	6.1	1
16	A novel aryl hydrazide nucleator to effectively promote stereocomplex crystallization in high-molecular-weight poly(L-lactide)/poly(D-lactide) blends. <i>Polymer</i> , 2020 , 210, 122873	3.9	10
15	Polyester urethane functionalizable through maleimide side-chains and cross-linkable by polylactide stereocomplexes. <i>European Polymer Journal</i> , 2020 , 137, 109916	5.2	2
14	Promotion of molecular diffusion and/or crystallization in fused deposition modeled poly(lactide) welds. <i>Polymer</i> , 2020 , 202, 122637	3.9	10
13	The Crystallization Behavior of Poly(L-lactic acid)/Poly(D-lactic acid) Electrospun Fibers: Effect of Distance of Isomeric Polymers. <i>Industrial & Engineering Chemistry Research</i> , 2020 , 59, 8480-8491	3.9	6
12	Relationship between crystallization state and degradation behavior of poly(L-lactide)/four-armed poly(D,L-lactide)-block-poly(D-lactide) blends with different poly(D-lactide) block lengths. <i>Polymer International</i> , 2021 , 70, 667-678	3.3	1

11	Stereocomplex Crystallization in Asymmetric Diblock Copolymers Studied by Dynamic Monte Carlo Simulations. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2021 , 39, 632-639	3.5	1
10	The crystallization behavior of poly(l-lactide)/poly(d-lactide) blends: effect of stirring time during solution mixing. <i>Polymer Bulletin</i> , 2021 , 78, 147-163	2.4	3
9	Soft, Formstable (Co)Polyester Blend Elastomers. <i>Nanomaterials</i> , 2021 , 11,	5.4	1
8	Functionalizable coaxial PLLA/PDLA nanofibers with stereocomplexes at the internal interface. <i>Journal of Materials Research</i> , 2021 , 36, 2995-3009	2.5	2
7	Enhanced formation of stereocomplex crystallites in Poly(l-lactic acid)/Poly(d-lactic acid) blends by silk fibroin nanodisc. <i>Polymer</i> , 2021 , 229, 124001	3.9	4
6	Thermal Properties and Structural Evolution of Poly(l-lactide)/Poly(d-lactide) Blends. <i>Macromolecules</i> ,	5.5	9
5	Cold Crystallization and the Molecular Structure of Imidazolium-Based Ionic Liquid Crystals with a -Nitroazobenzene Moiety.. <i>ACS Omega</i> , 2021 , 6, 32869-32878	3.9	3
4	Poly(lactide) stereocomplex. 2022 , 187-212		
3	Synergistic effect of star-shaped architecture and polyethylene glycol moieties on poly (lactic acid) stereocomplex crystallization behaviors.		0
2	Competitive Mechanism of Stereocomplexes and Homocrystals in High-Performance Symmetric and Asymmetric Poly(lactic acid) Enantiomers: Qualitative Methods. 2022 , 7, 41412-41425		1
1	Stereocomplex crystallization in cyclic polymer blends studied using dynamic Monte Carlo simulations.		0