Pengju Pan

List of Publications by Year
in descending order

171 papers	7,139 citations	61687 45 h-index	73587 79 g-index
174 all docs	174 docs citations	174 times ranked	5970 citing authors

#	Article	IF	Citations
1	Influence of Ce/Nb Molar Ratios on Oxygen-Rich CexNb1-xO4+Î´ Materials for Catalytic Combustion of VOCs in the Process of Polyether Polyol Synthesis. Catalysis Letters, 2022, 152, 523-537.	1.4	13
2	Self-evolving materials based on metastable-to-stable crystal transition of a polymorphic polyolefin. Materials Horizons, 2022, 9, 756-763.	6.4	6
3	Microstructurally tunable pickering emulsions stabilized by poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 667 Td (glyc architecture. Food Chemistry, 2022, 374, 131827.	4.2	3
4	Fractionated Crystallization Kinetics and Polymorphic Homocrystalline Structure of Poly(L-lactic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6	2.0	4
5	Asymmetric Molecular Dynamics and Anisotropic Phase Separation in the Cocrystal of the Crystalline/Crystalline Polymer Blend. ACS Macro Letters, 2022, 11, 193-198.	2.3	2
6	Retarded Crystallization and Promoted Phase Transition of Freeze-Dried Polybutene-1: Direct Evidence for the Critical Role of Chain Entanglement. ACS Macro Letters, 2022, 11, 257-263.	2.3	11
7	Crystallizationâ€driven selfâ€assembly of semicrystalline block copolymers and endâ€functionalized polymers: A minireview. Journal of Polymer Science, 2022, 60, 2136-2152.	2.0	7
8	Multistage Structural Ordering and Crystallization of Poly(trimethylene terephthalate) during Sub-T_g Stretching: Synergetic Effects of Chain Orientation and Conformational Transition. Macromolecules, 2022, 55, 252-261.	2.2	9
9	Structural Evolutions of Initially Amorphous Polymers during Nearâ€T_g Stretching: A Minireview of Recent Progresses. Macromolecular Chemistry and Physics, 2022, 223, .	1.1	4
10	Tammann Analysis of the Molecular Weight Selection of Polymorphic Crystal Nucleation in Symmetric Racemic Poly(lactic acid) Blends. Macromolecules, 2022, 55, 3661-3670.	2.2	23
11	Evolution of thermal behavior, mechanical properties, and microstructure in stereocomplexable poly(lactic acid) during physical ageing. Polymer, 2022, 249, 124840.	1.8	7
12	Light-Induced Crystalline Size Heterogeneity of Polymers Enables Programmable Writing, Morphing, and Mechanical Performance Designing. ACS Macro Letters, 2022, 11, 739-746.	2.3	2
13	Glassy Alfa-Relaxation Promotes Surprising Homo-Crystal Nucleation in the Low-Molar-Mass Enantiomeric Poly(lactic acid) Blend. Macromolecules, 2022, 55, 4614-4623.	2.2	6
14	Photothermal driven polymorph pattern in semicrystalline polymers towards programmable shape morphing. Chemical Engineering Journal, 2022, 446, 137346.	6.6	3
15	Isodimorphic Crystallization and Tunable Î³â€“Î± Phase Transition in Aliphatic Copolyamides: Critical Roles of Comonomer Defects and Conformational Evolution. Macromolecules, 2022, 55, 6090-6101.	2.2	11
16	Temperature-dependent Crystallization and Phase Transition of Poly(L-lactic acid)/CO2 Complex Crystals. Chinese Journal of Polymer Science (English Edition), 2021, 39, 484-492.	2.0	7
17	Hierarchical ordering and multilayer structure of poly(Îµ-caprolactone) end-functionalized by a liquid crystalline unit: role of polymer crystallization. Polymer Chemistry, 2021, 12, 4175-4183.	1.9	2
18	Stepwise Crystallization and Induced Microphase Separation in Nucleobase-Monofunctionalized Supramolecular Poly(Îµ-caprolactone). Macromolecules, 2021, 54, 846-857.	2.2	9

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19	Nucleobase-monofunctionalized supramolecular poly(<scp>l</scp>-lactide): controlled synthesis, competitive crystallization, and structural organization. Polymer Chemistry, 2021, 12, 3461-3470.	1.9	8
20	Controllable Poly(L-lactic acid) Soft Film with Respirability and Its Effect on Strawberry Preservation. Polymer Science - Series A, 2021, 63, 77-90.	0.4	4
21	Free volume characteristics of 2, 2â€bistrifluoromethyl â€4,5â€difluoroâ€1,3â€dioxoleâ€co â€tetrafluoroethylene copolymers: Effect of composition and molecular weight. Journal of Polymer Science, 2021, 59, 754-763.	2.0	3
22	Separate crystallization and melting of polymer blocks and hydrogen bonding units in double-crystalline supramolecular polymers. Polymer, 2021, 222, 123670.	1.8	13
23	Bioinspired Dualâ€Mode Temporal Communication via Digitally Programmable Phaseâ€Change Materials. Advanced Materials, 2021, 33, e2008119.	11.1	40
24	Polymorphic Phase Formation of Liquid Crystals Distributed in Semicrystalline Polymers: An Indicator of Interlamellar and Interspherulitic Segregation. Journal of Physical Chemistry Letters, 2021, 12, 4378-4384.	2.1	2
25	Temperature-dependent crystal structure and structural evolution of poly(glycolide-co-lactide) induced by comonomeric defect inclusion/exclusion. Polymer, 2021, 227, 123867.	1.8	4
26	Roles of Conformational Flexibility in the Crystallization of Stereoirregular Polymers. Macromolecules, 2021, 54, 5705-5718.	2.2	11
27	Role of Chain Entanglements in the Stereocomplex Crystallization between Poly(lactic acid) Enantiomers. ACS Macro Letters, 2021, 10, 1023-1028.	2.3	44
28	Anisotropic bilayer hydrogels with synergistic photochromism behaviors for light-controlled actuators. Journal of Materials Science, 2021, 56, 16324-16338.	1.7	4
29	Bioinspired Stimuliâ€Responsive Hydrogel with Reversible Switching and Fluorescence Behavior Served as Lightâ€Controlled Soft Actuators. Macromolecular Materials and Engineering, 2021, 306, 2100379.	1.7	15
30	Controllable crystallization and lamellar organization in nucleobase-functionalized supramolecular poly(lactic acid)s: Role of poly(lactic acid) stereostructure. Polymer, 2021, 232, 124148.	1.8	5
31	Differential diffusion driven far-from-equilibrium shape-shifting of hydrogels. Nature Communications, 2021, 12, 6155.	5.8	26
32	Selective adsorption and high recovery of La3+ using graphene oxide/poly (N-isopropyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222 Td (ac	6.6	36
33	Stretch-induced crystalline structural evolution and cavitation of poly(butylene adipate-ran-butylene) Tj ETQq1 1 0.784314 rgBT /Over	1.8	26
34	Structure and Morphology of Poly(lactic acid) Stereocomplex Nanofiber Shish Kebabs. ACS Macro Letters, 2020, 9, 103-107.	2.3	33
35	Crystallization of biodegradable and biobased polyesters: Polymorphism, cocrystallization, and structure-property relationship. Progress in Polymer Science, 2020, 109, 101291.	11.8	111
36	Fast photothermal poly(NIPAM-co-Î²-cyclodextrin) supramolecular hydrogel with self-healing through hostâ€“guest interaction for intelligent light-controlled switches. Soft Matter, 2020, 16, 10558-10566.	1.2	19

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37	Stereocomplexed and homocrystalline thermo-responsive physical hydrogels with a tunable network structure and thermo-responsiveness. Journal of Materials Chemistry B, 2020, 8, 7947-7955.	2.9	14
38	Stress-Free Two-Way Shape Memory Effects of Semicrystalline Polymer Networks Enhanced by Self-Nucleated Crystallization. ACS Macro Letters, 2020, 9, 1325-1331.	2.3	31
39	Programmable Reversible Shape Transformation of Hydrogels Based on Transient Structural Anisotropy. Advanced Materials, 2020, 32, e2001693.	11.1	77
40	Sequence-Rearranged Cocrystalline Polymer Network with Shape Reconfigurability and Tunable Switching Temperature. ACS Macro Letters, 2020, 9, 588-594.	2.3	17
41	Lightâ€Coded Digital Crystallinity Patterns Toward Bioinspired 4D Transformation of Shapeâ€Memory Polymers. Advanced Functional Materials, 2020, 30, 2000522.	7.8	55
42	Polymorphic homocrystallization and phase behavior of high-molecular-weight Poly(L-lactic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 Td miscible blending. Polymer, 2020, 201, 122597.	1.8	18
43	Homocrystalline mesophase formation and multistage structural transitions in stereocomplexable racemic blends of block copolymers. Polymer, 2020, 189, 122180.	1.8	13
44	Thermoresponsivity, Micelle Structure, and Thermal-Induced Structural Transition of an Amphiphilic Block Copolymer Tuned by Terminal Multiple H-Bonding Units. Langmuir, 2020, 36, 956-965.	1.6	14
45	Polymorphic crystalline structure and diversified crystalline morphology of poly(butylene adipate) blended with lowâ€molecularâ€mass liquid crystals. Polymer Crystallization, 2020, 3, e10099.	0.5	0
46	Controllable formation of unusual homocrystals in poly(<scp>L</scp>-lactic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Td (acid)/poly(<s pre-existing stereocomplexes. Journal of Applied Crystallography, 2020, 53, 1266-1275.	1.9	2
47	High strength of hybrid double-network hydrogels imparted by inter-network ionic bonds. Journal of Materials Chemistry B, 2019, 7, 324-333.	2.9	26
48	Stretch-Induced Î±-to-Î² Crystal Transition and Lamellae Structural Evolution of Poly(butylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302	2.2	27
49	Promoted stereocomplex formation and twoâ€step crystallization kinetics of poly(<scp>l</scp> â€lactic) Tj ETQq1 1 0.784314 rgBT O e10057.	0.5	6
50	Synergetic Chemical and Physical Programming for Reversible Shape Memory Effect in a Dynamic Covalent Network with Two Crystalline Phases. ACS Macro Letters, 2019, 8, 682-686.	2.3	62
51	Fractional Crystallization Kinetics and Formation of Metastable Î²-Form Homocrystals in Poly(<scp>l</scp>-lactic acid)/Poly(<scp>d</scp>-lactic acid) Racemic Blends Induced by Precedingly Formed Stereocomplexes. Macromolecules, 2019, 52, 4655-4665.	2.2	43
52	Nanostructured poly(<scp>l</scp>-lactic acid)â€“poly(ethylene glycol)â€“poly(<scp>l</scp>-lactic acid) triblock copolymers and their CO₂/O₂permselectivity. RSC Advances, 2019, 9, 12354-12364.	1.7	5
53	Tuning the Thermoresponsivity of Amphiphilic Copolymers via Stereocomplex Crystallization of Hydrophobic Blocks. ACS Macro Letters, 2019, 8, 357-362.	2.3	13
54	Polymorphic Crystal Transition and Lamellae Structural Evolution of Poly(p-dioxanone) Induced by Annealing and Stretching. Journal of Physical Chemistry B, 2019, 123, 3822-3831.	1.2	10

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55	Solventâ€free ringâ€opening polymerization of lactones with hydrogenâ€bonding bisurea catalyst. Journal of Polymer Science Part A, 2019, 57, 90-100.	2.5	16
56	Formation of Mesomorphic Polymorph, Thermal-Induced Phase Transition, and Crystalline Structure-Dependent Degradable and Mechanical Properties of Poly(p-dioxanone). Crystal Growth and Design, 2019, 19, 166-176.	1.4	15
57	Stereocomplexed and Homochiral Polyurethane Elastomers with Tunable Crystallizability and Multishape Memory Effects. ACS Macro Letters, 2018, 7, 233-238.	2.3	36
58	Dualâ€Crosslink Physical Hydrogels with High Toughness Based on Synergistic Hydrogen Bonding and Hydrophobic Interactions. Macromolecular Rapid Communications, 2018, 39, e1700806.	2.0	72
59	Poly(lactic acid)/poly(ethylene glycol) stereocomplexed physical hydrogels showing thermally-induced gelâ€“solâ€“gel multiple phase transitions. Materials Chemistry Frontiers, 2018, 2, 313-322.	3.2	21
60	Kinetic Insights into Marangoni Effect-Assisted Preparation of Ultrathin Hydrogel Films. Langmuir, 2018, 34, 12310-12317.	1.6	10
61	Temperature-dependent crystalline structure and phase transition of poly(butylene adipate) end-functionalized by multiple hydrogen-bonding groups. Physical Chemistry Chemical Physics, 2018, 20, 26479-26488.	1.3	15
62	Stereocomplex Crystallization of Polymers With Complementary Configurations. , 2018, , 535-573.		11
63	Aqueous RAFT polymerization of acrylamide: A convenient method for polyacrylamide with narrow molecular weight distribution. Chinese Journal of Polymer Science (English Edition), 2017, 35, 123-129.	2.0	7
64	Triple Stimuli-Responsive N-Isopropylacrylamide Copolymer toward Metal Ion Recognition and Adsorption via a Thermally Induced Solâ€“Gel Transition. Industrial & Engineering Chemistry Research, 2017, 56, 1223-1232.	1.8	22
65	A facile self-templating synthesis of carbon frameworks with tailored hierarchical porosity for enhanced energy storage performance. Chemical Communications, 2017, 53, 5028-5031.	2.2	9
66	Morphology and blowing agent encapsulation efficiency of vinylidene chloride copolymer microspheres synthesized by suspension polymerization in the presence of a blowing agent. Journal of Applied Polymer Science, 2017, 134, .	1.3	9
67	Double network hydrogels with highly enhanced toughness based on a modified first network. Soft Matter, 2017, 13, 4148-4158.	1.2	26
68	Crystallization-Driven Formation of Diversified Assemblies for Supramolecular Poly(lactic acid)s in Solution. Crystal Growth and Design, 2017, 17, 2498-2506.	1.4	23
69	Synthesis of random and block copolymers of vinyl chloride and vinyl acetate by <scp>RAFT</scp> miniemulsion polymerizations mediated by a fluorinated xanthate. Journal of Applied Polymer Science, 2017, 134, 45074.	1.3	6
70	Click chemistry synthesis, stereocomplex formation, and enhanced thermal properties of well-defined poly(<scp>l</scp>-lactic acid)-b-poly(<scp>d</scp>-lactic acid) stereo diblock copolymers. Polymer Chemistry, 2017, 8, 1006-1016.	1.9	52
71	Preferential Formation of Î²-Form Crystals and Temperature-Dependent Polymorphic Structure in Supramolecular Poly(<scp>l</scp>-lactic acid) Bonded by Multiple Hydrogen Bonds. Macromolecules, 2017, 50, 8619-8630.	2.2	49
72	Stereocomplexed physical hydrogels with high strength and tunable crystallizability. Soft Matter, 2017, 13, 8502-8510.	1.2	24

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73	Role of added amphiphilic cationic polymer in the stabilization of inverse emulsions. Colloid and Polymer Science, 2017, 295, 2207-2215.	1.0	2
74	A Facile Approach To Prepare Tough and Responsive Ultrathin Physical Hydrogel Films as Artificial Muscles. ACS Applied Materials & Interfaces, 2017, 9, 34349-34355.	4.0	70
75	Competing Stereocomplexation and Homocrystallization of Poly(<scp>l</scp>-lactic) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 6 Polymers. Journal of Physical Chemistry B, 2017, 121, 6934-6943.	1.2	46
76	Crystalline and Spherulitic Morphology of Polymers Crystallized in Confined Systems. Crystals, 2017, 7, 147.	1.0	44
77	Solution and aqueous miniemulsion polymerization of vinyl chloride mediated by a fluorinated xanthate. Journal of Polymer Science Part A, 2016, 54, 2092-2101.	2.5	15
78	Synthesis of end-functionalized hydrogen-bonding poly(lactic acid)s and preferential stereocomplex crystallization of their enantiomeric blends. Polymer Chemistry, 2016, 7, 4891-4900.	1.9	39
79	Polymorphic Crystalline Structure and Crystal Morphology of Enantiomeric Poly(lactic acid) Blends Tailored by a Self-Assemblable Aryl Amide Nucleator. ACS Sustainable Chemistry and Engineering, 2016, 4, 2680-2688.	3.2	110
80	Thermoresponsive physical hydrogels of poly(lactic acid)/poly(ethylene glycol) stereoblock copolymers tuned by stereostructure and hydrophobic block sequence. Soft Matter, 2016, 12, 4628-4637.	1.2	51
81	Nitroxide-mediated polymerization of methyl methacrylate by 4,4â€²-dimethoxydiphenyl-based alkoxyamine. RSC Advances, 2016, 6, 73842-73847.	1.7	4
82	Crystallization behavior and crystalline structural changes of poly(glycolic acid) investigated via temperature-variable WAXD and FTIR analysis. CrystEngComm, 2016, 18, 7894-7902.	1.3	50
83	Enantiomeric blends of high-molecular-weight poly(lactic acid)/poly(ethylene glycol) triblock copolymers: Enhanced stereocomplexation and thermomechanical properties. Polymer, 2016, 103, 376-386.	1.8	45
84	Monodomain hydrogels prepared by shear-induced orientation and subsequent gelation. RSC Advances, 2016, 6, 95239-95245.	1.7	30
85	Hydrophobic association mediated physical hydrogels with high strength and healing ability. Polymer, 2016, 100, 60-68.	1.8	68
86	Controlled coâ€delivery of hydrophilic and hydrophobic drugs from thermosensitive and crystallizable copolymer nanoparticles. Journal of Applied Polymer Science, 2016, 133, .	1.3	8
87	Polymorphic Crystallization and Crystalline Reorganization of Poly(<scp>l</scp>-lactic) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 1	1.2	23
88	Rate acceleration for 4,4â€²-dimethoxydiphenyl nitroxide mediated polymerization of methyl methacrylate. RSC Advances, 2016, 6, 97995-98000.	1.7	4
89	Stereocomplexation of high-molecular-weight enantiomeric poly(lactic acid)s enhanced by miscible polymer blending with hydrogen bond interactions. Polymer, 2016, 98, 80-87.	1.8	80
90	Role of salt in the aqueous two-phase copolymerization of acrylamide and cationic monomers: from screening to anion-bridging. RSC Advances, 2016, 6, 59352-59359.	1.7	4

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91	Online monitoring of drop/particle size and size distribution in liquidâ€“liquid dispersions and suspension polymerizations by optical reflectance measurements. Journal of Applied Polymer Science, 2016, 133, .	1.3	1
92	Effects of Complementary DNA and Salt on the Thermoresponsiveness of Poly(N-isopropylacrylamide)-b-DNA. Langmuir, 2016, 32, 1148-1154.	1.6	17
93	Promoted Stereocomplex Crystallization in Supramolecular Stereoblock Copolymers of Enantiomeric Poly(Lactic Acid)s. Crystal Growth and Design, 2016, 16, 1502-1511.	1.4	54
94	Poly(lactic acid)/poly(ethylene glycol) supramolecular diblock copolymers based on three-fold complementary hydrogen bonds: Synthesis, micellization, and stimuli responsivity. Polymer, 2016, 90, 122-131.	1.8	19
95	ABA-Type Thermoplastic Elastomers Composed of Poly(Îµ-caprolactone-co-Î´-valerolactone) Soft Midblock and Polymorphic Poly(lactic acid) Hard End blocks. ACS Sustainable Chemistry and Engineering, 2016, 4, 121-128.	3.2	65
96	Kinetic and Molecular Weight Modeling of Miniemulsion Polymerization Initiated by Oilâ€Soluble Initiators. Macromolecular Chemistry and Physics, 2015, 216, 884-893.	1.1	6
97	Competitive Stereocomplexation, Homocrystallization, and Polymorphic Crystalline Transition in Poly(<scp>l</scp>-lactic acid)/Poly(<scp>d</scp>-lactic acid) Racemic Blends: Molecular Weight Effects. Journal of Physical Chemistry B, 2015, 119, 6462-6470.	1.2	172
98	Thermoresponsive poly(Ïµ-caprolactone)-graft-poly(N-isopropylacrylamide) graft copolymers prepared by a combination of ring-opening polymerization and sequential azide-alkyne click chemistry. Polymer International, 2015, 64, 389-396.	1.6	15
99	Coreâ€“Shell Structure, Biodegradation, and Drug Release Behavior of Poly(lactic acid)/Poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Ove 1527-1536.	1.6	112
100	Amphiphilic quasi-block copolymers and their self-assembled nanoparticles via thermally induced interfacial absorption in miniemulsion polymerization. RSC Advances, 2015, 5, 50118-50125.	1.7	5
101	Alternating poly(lactic acid)/poly(ethylene-co-butylene) supramolecular multiblock copolymers with tunable shape memory and self-healing properties. Polymer Chemistry, 2015, 6, 5899-5910.	1.9	64
102	Stereocomplex crystallization of high-molecular-weight poly(l-lactic acid)/poly(d-lactic acid) racemic blends promoted by a selective nucleator. Polymer, 2015, 63, 144-153.	1.8	117
103	In Situ Formation and Gelation Mechanism of Thermoresponsive Stereocomplexed Hydrogels upon Mixing Diblock and Triblock Poly(Lactic Acid)/Poly(Ethylene Glycol) Copolymers. Journal of Physical Chemistry B, 2015, 119, 6471-6480.	1.2	55
104	Enhancement of Crystallizability and Control of Mechanical and Shape-Memory Properties for Amorphous Enantiopure Supramolecular Copolymers via Stereocomplexation. Macromolecules, 2015, 48, 7872-7881.	2.2	49
105	Synthesis, micellization, and thermally-induced macroscopic micelle aggregation of poly(vinyl) Tj ETQq1 1 0.784314 rgBT /Overlock 1	1.7	14
106	Exclusive Stereocomplex Crystallization of Linear and Multiarm Star-Shaped High-Molecular-Weight Stereo Diblock Poly(lactic acid)s. Journal of Physical Chemistry B, 2015, 119, 14270-14279.	1.2	83
107	Preferential Stereocomplex Crystallization in Enantiomeric Blends of Cellulose Acetate-g-Poly(lactic acid)s with Comblike Topology. Journal of Physical Chemistry B, 2015, 119, 12689-12698.	1.2	41
108	Temperature and pH-dependent swelling and copper(<scp>ii</scp>) adsorption of poly(N-isopropylacrylamide) copolymer hydrogel. RSC Advances, 2015, 5, 62091-62100.	1.7	52

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109	Highly enhanced toughness of interpenetrating network hydrogel by incorporating poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock	1.7	15
110	Polymorphic crystallization of poly(butylene adipate) and its copolymer: Effect of poly(vinyl alcohol). Journal of Applied Polymer Science, 2014, 131, .	1.3	5
111	Unique multiple solubleâ€“insoluble phase transitions in aqueous two-phase copolymerization of acrylamide and a weakly charged comonomer. Soft Matter, 2014, 10, 8913-8922.	1.2	2
112	Modeling for primary radical desorption in miniemulsion polymerization initiated by oilâ€soluble initiator. AICHE Journal, 2014, 60, 3276-3285.	1.8	5
113	One-step preparation of hierarchical porous carbons from poly(vinylidene chloride)-based block copolymers. Journal of Materials Science, 2014, 49, 1090-1098.	1.7	3
114	Heating and Annealing Induced Structural Reorganization and Embrittlement of Solution-Crystallized Poly(<scp>l</scp>-lactic acid). Macromolecules, 2014, 47, 8126-8130.	2.2	36
115	Polylactide-b-poly(ethylene-co-butylene)-b-polylactide thermoplastic elastomers: role of polylactide crystallization and stereocomplexation on microphase separation, mechanical and shape memory properties. RSC Advances, 2014, 4, 47965-47976.	1.7	30
116	A strong and tough interpenetrating network hydrogel with ultrahigh compression resistance. Soft Matter, 2014, 10, 3850.	1.2	39
117	Enhanced Nucleation and Crystallization of Poly(<scp>l</scp>-lactic acid) by Immiscible Blending with Poly(vinylidene fluoride). Industrial & Engineering Chemistry Research, 2014, 53, 3148-3156.	1.8	60
118	Poly(Îµâ€caprolactone)â€graftâ€poly(Nâ€isopropylacrylamide) amphiphilic copolymers prepared by a combination of ringâ€opening polymerization and atom transfer radical polymerization: Synthesis, selfâ€assembly, and thermoresponsive property. Journal of Applied Polymer Science, 2014, 131, .	1.3	8
119	Effect of hydration layer on the structure of thermoâ€sensitive nanocapsules. Journal of Applied Polymer Science, 2014, 131, .	1.3	3
120	Unusual Solubleâ€“Insolubleâ€“Soluble Phase Transition in Two-Phase Copolymerization of Acrylamide and an Anionic Comonomer in a Poly(ethylene glycol) Aqueous Solution. Industrial & Engineering Chemistry Research, 2014, 53, 10681-10687.	1.8	0
121	Stabilizer-Free Aqueous Two-Phase Copolymerization of Acrylamide and Cationic Monomer: Role of Electrostatic Interactions in the Phase Separation, Colloid Morphology, and Stability. Industrial & Engineering Chemistry Research, 2014, 53, 14664-14672.	1.8	5
122	Preparation of hierarchical porous carbons from amphiphilic poly(vinylidene chloride-co-methyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 22 Microporous and Mesoporous Materials, 2014, 196, 199-207.	2.2	6
123	Ab initio emulsion RAFT polymerization of vinylidene chloride mediated by amphiphilic macroâ€RAFT agents. Journal of Applied Polymer Science, 2014, 131, .	1.3	3
124	Fractional Crystallization and Phase Segregation in Binary Miscible Poly(butylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 Td (succinat Macromolecular Materials and Engineering, 2013, 298, 201-209.	1.7	23
125	Reactive blend of epoxyâ€novolac resin and epoxideâ€terminated lowâ€molecularâ€weight poly(phenylene) Tj ETQq1 1 0.784314 rgBT	1.3	11
126	Synthesis and Crystallization of Poly(vinyl acetate)-g-Poly(<scp>l</scp>-lactide) Graft Copolymer with Controllable Graft Density. Industrial & Engineering Chemistry Research, 2013, 52, 12897-12905.	1.8	30

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127	Fractional Crystallization Kinetics of Poly(ethylene oxide) in Its Blends with Poly(butylene succinate): Molecular Weight Effects. Macromolecular Materials and Engineering, 2013, 298, 919-927.	1.7	10
128	Crystallization kinetics of bacterial poly(3â€hydroxylbutyrate) copolyesters with cyanuric acid as a nucleating agent. Journal of Applied Polymer Science, 2013, 129, 1374-1382.	1.3	31
129	Thermoresponsive Micellization and Micellar Stability of Poly(N-isopropylacrylamide)-b-DNA Diblock and Miktoarm Star Polymers. Langmuir, 2012, 28, 14347-14356.	1.6	36
130	Effects of Crystallization Temperature of Poly(vinylidene fluoride) on Crystal Modification and Phase Transition of Poly(butylene adipate) in Their Blends: A Novel Approach for Polymorphic Control. Journal of Physical Chemistry B, 2012, 116, 1265-1272.	1.2	48
131	Temperature-Variable FTIR and Solid-State ¹³C NMR Investigations on Crystalline Structure and Molecular Dynamics of Polymorphic Poly(<scp>l</scp>-lactide) and Poly(<scp>l</scp>-lactide)/Poly(<scp>d</scp>-lactide) Stereocomplex. Macromolecules, 2012, 45, 189-197.	2.2	206
132	Nucleation Effects of Nucleobases on the Crystallization Kinetics of Poly(<scp>L</scp>â€lactide). Macromolecular Materials and Engineering, 2012, 297, 670-679.	1.7	55
133	Structural characterization of nanoparticles from thermoresponsive poly(N-isopropylacrylamide)-DNA conjugate. Journal of Colloid and Interface Science, 2012, 374, 315-320.	5.0	15
134	Critical role of the conformation of comonomer units in isomorphic crystallization of poly(hexamethylene adipate-co-butylene adipate) forming Poly(hexamethylene adipate) type crystal. Polymer, 2011, 52, 5204-5211.	1.8	12
135	Nucleation Effect of Layered Metal Phosphonate on Crystallization of Bacterial Poly[(3â€hydroxybutyrate)â€coâ€(3â€hydroxyhexanoate)]. Macromolecular Materials and Engineering, 2011, 296, 103-112.	1.7	30
136	DNA-functionalized thermoresponsive bioconjugates synthesized via ATRP and click chemistry. Polymer, 2011, 52, 895-900.	1.8	42
137	Isomorphic crystallization of aliphatic copolyesters derived from 1,6-hexanediol: Effect of the chemical structure of comonomer units on the extent of cocrystallization. Polymer, 2011, 52, 2667-2676.	1.8	41
138	Fractionated crystallization, polymorphic crystalline structure, and spherulite morphology of poly(butylene adipate) in its miscible blend with poly(butylene succinate). Polymer, 2011, 52, 3460-3468.	1.8	83
139	Mechanical and thermal properties of poly(butylene succinate)/plant fiber biodegradable composite. Journal of Applied Polymer Science, 2010, 115, 3559-3567.	1.3	79
140	Nucleation mechanism of polyhydroxybutyrate and poly(hydroxybutyrateâ€coâ€hydroxyhexanoate) crystallized by orotic acid as a nucleating agent. Journal of Applied Polymer Science, 2010, 115, 709-715.	1.3	36
141	Fractionated crystallization and selfâ€nucleation behavior of poly(ethylene oxide) in its miscible blends with poly(3â€hydroxybutyrate). Journal of Applied Polymer Science, 2010, 117, 3013-3022.	1.3	11
142	Gelatin/Poly(ethylene oxide) Blend Films with Compositional Gradient: Fabrication and Characterization. Macromolecular Materials and Engineering, 2010, 295, 256-262.	1.7	9
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144	Crystalline Phase of Isomorphic Poly(hexamethylene sebacate-co-hexamethylene adipate) Copolyester: Effects of Comonomer Composition and Crystallization Temperature. Macromolecules, 2010, 43, 2925-2932.	2.2	40

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