Jun-Ting Xu

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6122787/publications.pdf

Version: 2024-02-01

225	6,173	81434	120465
papers	citations	41 h-index	65 g-index

225	225	225	5854
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Sulfur-substitution-enhanced crystallization and crystal structure of poly(trimethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 74	4.8	15
2	Promoters for Improved Adhesion Strength between Addition-Cured Liquid Silicone Rubber and Low-Melting-Point Thermoplastic Polyurethanes. Materials, 2022, 15, 991.	1.3	2
3	Single crystals and twoâ€dimensional crystalline assemblies of block copolymers. Journal of Polymer Science, 2022, 60, 2153-2174.	2.0	7
4	Reversible Photo-, Thermal-, and pH-Responsive Functionalized Wood with Fluorescence Emission. Materials, 2022, 15, 1229.	1.3	0
5	Formation of genus vesicles in dilute aqueous solution by <scp>PtBA_xâ€bâ€PS₁₃₀â€bâ€PEO₉₀â€bâ€PS₁₃₀ amphiphilic pentablock terpolymers. Journal of Polymer Science, 2022, 60, 2318-2328.	2.0	1
6	Thermodynamic understanding the phase behavior of fully quaternized poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542 Td (oxi	1.8	3
7	Stretchable Semiconducting Composite Films Fabricated via Blending Polythiophene with an Elastomer Bearing Pendant Dopant. ACS Applied Polymer Materials, 2021, 3, 3114-3124.	2.0	1
8	Self-assembly of the Thermosensitive and pH-Sensitive Pentablock Copolymer PNIPAM_x-b-P(tBA-co-AA)₉₀-b-PPO₃₆-b-P(tBA- Dilute Aqueous Solutions. Macromolecules, 2021, 54, 6489-6501.	2.2	6
9	Influence of Salt Doping on the Entropyâ€Driven Lower Disorderâ€toâ€Order Transition Behavior of Poly(ethylene oxide)â€b â€Poly(4â€vinylpyridine). Macromolecular Chemistry and Physics, 2021, 222, 2100303.	1.1	3
10	Fabrication of High Ï‡-Low N Block Copolymers with Thermally Stable Sub-5 nm Microdomains Using Polyzwitterion as a Constituent Block. ACS Macro Letters, 2021, 10, 1321-1325.	2.3	11
11	Hard and soft Lewis-base behavior for efficient and stable CsPbBr₃ perovskite light-emitting diodes. Nanophotonics, 2021, 10, 2157-2166.	2.9	16
12	Covalent functionalization of boron nitride nanosheets via reductive activation. Nanoscale, 2020, 12, 18379-18389.	2.8	9
13	Solution-grown composite single crystals of poly(L-lactic acid)-b-polystyrene block copolymers and poly(L-lactic acid) homopolymers. Polymer, 2020, 208, 122979.	1.8	5
14	Observation of Double Gyroid and Hexagonally Perforated Lamellar Phases in ABCBA Pentablock Terpolymers. Macromolecules, 2020, 53, 9641-9653.	2.2	10
15	Hierarchical Structures with Double Lower Disorder-to-Order Transition and Closed-Loop Phase Behaviors in Charged Block Copolymers Bearing Long Alkyl Side Groups. Macromolecules, 2020, 53, 8714-8724.	2.2	8
16	Polar crystalline phases of PVDF induced by interaction with functionalized boron nitride nanosheets. CrystEngComm, 2020, 22, 6207-6215.	1.3	24
17	Self-Assembly of Linear Amphiphilic Pentablock Terpolymer PAAx-PS48-PEO46-PS48-PAAxin Dilute Aqueous Solution. Polymers, 2020, 12, 2183.	2.0	6
18	Mechanistic Study of the Influence of Salt Species on the Lower Disorder-to-Order Transition Behavior of Poly(ethylene oxide)-b-Poly(ionic liquid)/Salt Hybrids. Macromolecules, 2020, 53, 4560-4567.	2.2	10

#	Article	IF	Citations
19	Simultaneous Improvement of Ionic Conductivity and Mechanical Strength in Block Copolymer Electrolytes with Double Conductive Nanophases. Macromolecular Rapid Communications, 2020, 41, e1900622.	2.0	21
20	Unexpected crystalline memory effect in poly(<scp>l</scp>-lactide)-based block copolymers. CrystEngComm, 2020, 22, 979-985.	1.3	4
21	Interfacial self-assembly of amphiphilic conjugated block copolymer into 2D nanotapes. Soft Matter, 2019, 15, 8790-8799.	1.2	14
22	Microphase separation of poly(propylene monothiocarbonate)-b-poly(ethylene oxide) block copolymers induced by differential interactions with salt. Polymer, 2019, 180, 121745.	1.8	14
23	Comparative Studies on Properties of Polymers with Bulky Side Groups Synthesized by Cyclopolymerization of Î±,Ï‰-Dienes and Î±,Ï‰-Diynes. Chinese Journal of Polymer Science (English Edition), 2019, 37, 149-156.	2.0	1
24	Hyperbranched Fractal Nanocarbons for Bright Photoluminescence in Solid State. Advanced Optical Materials, 2019, 7, 1900659.	3.6	11
25	Oneâ€dimensional growth kinetics for formation of cylindrical crystalline micelles of block copolymers. Polymer Crystallization, 2019, 2, 10047.	0.5	18
26	Antimicrobial peptide KR-32 alleviates Escherichia coli K88â€“induced fatty acid malabsorption by improving expression of fatty acid transporter protein 4 (FATP4)1. Journal of Animal Science, 2019, 97, 2342-2356.	0.2	12
27	Functionalized Boron Nitride Nanosheets/Poly(l-lactide) Nanocomposites and Their Crystallization Behavior. Polymers, 2019, 11, 440.	2.0	34
28	Comparative Study on Kinetics of Ethylene and Propylene Polymerizations with Supported Zieglerâ€“Natta Catalyst: Catalyst Fragmentation Promoted by Polymer Crystalline Lamellae. Polymers, 2019, 11, 358.	2.0	19
29	The crystal structure of 1,6-di-tert-butyl-1,1,3,3,4,4,6,6-octamethyl-2,2,5,5-tetrakis (trimethylsilyl)hexasilane, C₂₈H₇₈Si₁₀. Zeitschrift Fur Kristallographie - New Crystal Structures, 2019, 234, 1195-1198.	0.1	1
30	PAA-b-PPO-b-PAA triblock copolymers with enhanced phase separation and inverse order-to-order phase transition upon increasing temperature. Polymer, 2019, 185, 121982.	1.8	7
31	Straightening single-walled carbon nanotubes by helically wrapped poly(9,9-dioctylfluorene) chains. Applied Surface Science, 2019, 471, 205-212.	3.1	0
32	Crystallization behavior and morphology of novel aliphatic poly(monothiocarbonate)s. Polymer, 2019, 165, 112-123.	1.8	14
33	Specific Disassembly of Lamellar Crystalline Micelles of Block Copolymer into Cylinders. Macromolecules, 2018, 51, 2138-2144.	2.2	31
34	Carbon dioxide-based copolymers with various architectures. Progress in Polymer Science, 2018, 82, 120-157.	11.8	115
35	Design and Regulation of Lower Disorder-to-Order Transition Behavior in the Strongly Interacting Block Copolymers. Macromolecules, 2018, 51, 2302-2311.	2.2	25
36	Facile synthesis of ethyleneâ€“propylene fully alternating copolymer and comparison with random copolymer of similar composition. Journal of Applied Polymer Science, 2018, 135, 45816.	1.3	3

#	Article	IF	Citations
37	Particle morphology and morphogenesis of nascent polyethylene produced with a spherical <scp>M</scp>g<scp>C</scp>l₂â€supported <scp>Z</scp>iglerâ€“<scp>N</scp>atta catalyst in slurry process. Journal of Applied Polymer Science, 2018, 135, 45679.	1.3	5
38	Effect of annealingâ€induced interfacial demixing on crystallization of <scp>PEO</scp> confined in coaxial electrospun nanofibers. Journal of Applied Polymer Science, 2018, 135, 45760.	1.3	3
39	Effect of interface and confinement size on the crystallization behavior of PLLA confined in coaxial electrospun fibers. Journal of Applied Polymer Science, 2018, 135, 45980.	1.3	7
40	Electrical-Charge-Mediated Cancer Cell Targeting via Protein Corona-Decorated Superparamagnetic Nanoparticles in a Simulated Physiological Environment. ACS Applied Materials & Interfaces, 2018, 10, 41986-41998.	4.0	36
41	Self-Assembly of Thermosensitive Amphiphilic Pentablock Terpolymer PNIPAM_x-b-PtBA₉₀-b-PPO₃₆-b-PtBA₉₀-b-PNIPAM_x in Dilute Aqueous Solution. Macromolecules, 2018, 51, 10136-10149.	2.2	20
42	Transâ€1,4â€stereospecific copolymerization of ethylene and isoprene catalyzed by MgCl₂â€supported Zieglerâ€“Natta catalyst. Journal of Polymer Science Part A, 2018, 56, 2715-2722.	2.5	5
43	Regulated Fragmentation of Crystalline Micelles of Block Copolymer via Monoamine-Induced Corona Swelling. Macromolecules, 2018, 51, 7637-7648.	2.2	24
44	Highly Selective and Sensitive Detection of Pb²⁺ in Aqueous Solution Using Tetra(4-pyridyl)porphyrin-Functionalized Thermosensitive Ionic Microgels. ACS Applied Materials & Interfaces, 2018, 10, 25706-25716.	4.0	32
45	Poly(N-isopropylacrylamide-co-1-vinyl-3-alkylimidazolium bromide) Microgels with Internal Nanophase-Separated Structures. Langmuir, 2018, 34, 9203-9214.	1.6	17
46	A fluorescein-centered polymer as a phosphor for fabricating pure white light-emitting diodes. Materials Horizons, 2018, 5, 932-938.	6.4	27
47	Closed-Loop Phase Behavior of Block Copolymers in the Presence of Competitive Hydrogen-Bonding and Coulombic Interaction. Macromolecules, 2018, 51, 4727-4734.	2.2	16
48	Crystallization-Driven Co-Assembly of Micrometric Polymer Hybrid Single Crystals and Nanometric Crystalline Micelles. Macromolecules, 2017, 50, 2006-2015.	2.2	64
49	Microphase separation and crystallization behaviors of bi-phased triblock terpolymers with a competitively dissolved middle block. Polymer, 2017, 117, 140-149.	1.8	13
50	Self-Assembled Amphiphilic Block Copolymers/CdTe Nanocrystals for Efficient Aqueous-Processed Hybrid Solar Cells. ACS Applied Materials & Interfaces, 2017, 9, 17942-17948.	4.0	32
51	Fluorescent linear CO₂-derived poly(hydroxyurethane) for cool white LED. Journal of Materials Chemistry C, 2017, 5, 4892-4898.	2.7	44
52	Macroscopically aligned nanowire arrays of Ï€-conjugated polymers via shear-enhanced crystallization. Journal of Materials Chemistry C, 2017, 5, 5128-5134.	2.7	19
53	Nanohybrid shish-kebab supramolecular structure of single-walled carbon nanotubes/ N , N â€²-dioctyl perylene tetracarboxylic diimide. Composites Science and Technology, 2017, 148, 43-48.	3.8	6
54	Functional polyethylene with regularly distributed ester pendants via ring-opening metathesis polymerization of ester functionalized cyclopentene: Synthesis and characterization. Polymer, 2017, 129, 135-143.	1.8	17

#	Article	IF	Citations
55	A Generalized Avrami Equation for Crystallization Kinetics of Polymers with Concomitant Double Crystallization Processes. Crystal Growth and Design, 2017, 17, 5908-5917.	1.4	30
56	Interplay of microphase separation, crystallization and liquid crystalline ordering in crystalline/liquid crystalline block copolymers. Polymer, 2017, 130, 1-9.	1.8	15
57	Synthesis and characterization of functional polyethylene with regularly distributed thioester pendants via ringâ€opening metathesis polymerization. Journal of Polymer Science Part A, 2017, 55, 4027-4036.	2.5	14
58	Synthesis of functional polyolefins via ring-opening metathesis polymerization of ester-functionalized cyclopentene and its copolymerization with cyclic comonomers. Polymer Chemistry, 2017, 8, 5924-5933.	1.9	18
59	Structure and properties of ethylene/propylene copolymers synthesized with bis(2,4,7-trimethylindenyl)zirconium dichloride activated by methyl aluminoxanes containing different amount of trimethylaluminum. Polymer, 2017, 122, 77-86.	1.8	7
60	Synthesis of multiblock ethylene/longâ€chain Î±â€olefin copolymer via chain walking polymerization using thermostable Î±â€diimine nickel catalyst. Journal of Polymer Science Part A, 2017, 55, 2725-2729.	2.5	8
61	Kinetics and mechanism of metalloceneâ€catalyzed olefin polymerization: Comparison of ethylene, propylene homopolymerizations, and their copolymerization. Journal of Polymer Science Part A, 2017, 55, 867-875.	2.5	30
62	Polyethylene containing aliphatic ring and aromatic ring defects in the main chain: Synthesis via ADMET and comparisons of thermal properties and crystalline structure. Polymer, 2016, 107, 113-121.	1.8	15
63	Influence of trimethylaluminum on kinetics of rac -Et(Ind) 2 ZrCl 2 /aluminoxane catalyzed ethylene polymerization. Journal of Organometallic Chemistry, 2016, 808, 109-116.	0.8	20
64	Hydrogen-bonding induced abnormal microphase separation behavior of poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 Td (ox	1.8	12
65	Synthesis and Crystallization Behavior of Equisequential ADMET Polyethylene Containing Arylene Ether Defects: Remarkable Effects of Substitution Position and Arylene Size. Macromolecules, 2016, 49, 6001-6011.	2.2	30
66	Straightening Single-Walled Carbon Nanotubes by Adsorbed Rigid Poly(3-hexylthiophene) Chains via Ï€â€“Ï€ Interaction. Journal of Physical Chemistry C, 2016, 120, 27665-27674.	1.5	19
67	Poly(trimethylene monothiocarbonate) from the Alternating Copolymerization of COS and Oxetane: A Semicrystalline Copolymer. Macromolecules, 2016, 49, 8863-8868.	2.2	52
68	Straight and Rod-like Coreâ€“Sheath Crystals of Solution-Crystallized Poly(Îµ-caprolactone)/Multiwalled Carbon Nanotube Nanocomposites. Crystal Growth and Design, 2016, 16, 6817-6827.	1.4	13
69	Precision ADMET polyolefins containing dithiane: Synthesis, thermal properties, and macromolecular transformation. Journal of Polymer Science Part A, 2016, 54, 2468-2475.	2.5	14
70	Millimeterâ€size polyethylene hollow spheres synthesized with MgCl₂â€supported <scp>Z</scp>iegerâ€<scp>N</scp>atta catalyst. Journal of Applied Polymer Science, 2016, 133, .	1.3	7
71	Probe the nucleation mechanism of poly(Îµ-caprolactone)s grafted on multi-walled carbon nanotubes under structural confinement. Composites Science and Technology, 2016, 132, 24-30.	3.8	20
72	Hydrogen-Bonding-Mediated Fragmentation and Reversible Self-assembly of Crystalline Micelles of Block Copolymer. Macromolecules, 2016, 49, 367-372.	2.2	68

#	Article	IF	Citations
73	Crystallization-driven one-dimensional self-assembly of polyethylene-b-poly(tert-butylacrylate) diblock copolymers in DMF: effects of crystallization temperature and the corona-forming block. Soft Matter, 2016, 12, 67-76.	1.2	54
74	Morphology and thermoresponsive behavior of hybrid micelles of polystyrene-b-poly((N-isopropyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 (English Edition), 2015, 33, 1038-1047.	2.0	5
75	Thermo-sensitive ionic microgels via post quaternization cross-linking: fabrication, property, and potential application. Colloid and Polymer Science, 2015, 293, 2101-2111.	1.0	14
76	Regulation of the self-assembly morphology of azobenzene-bearing double hydrophobic block copolymers in aqueous solution by shifting the dynamic hostâ€“guest complexation. Polymer Chemistry, 2015, 6, 2214-2225.	1.9	22
77	Selfâ€nucleation behaviors of olefinic blocky copolymer/montmorillonite nanocomposites with collapsed and intercalated clay layers. Journal of Applied Polymer Science, 2015, 132, .	1.3	6
78	Chain Structure, Aggregation State Structure, and Tensile Behavior of Segmented Ethyleneâ€“Propylene Copolymers Produced by an Oscillating Unbridged Metallocene Catalyst. Journal of Physical Chemistry B, 2015, 119, 6050-6061.	1.2	13
79	Highly efficient one-pot/one-step synthesis of multiblock copolymers from three-component polymerization of carbon dioxide, epoxide and lactone. Chemical Science, 2015, 6, 1530-1536.	3.7	51
80	Hierarchical self-assembly, photo-responsive phase behavior and variable tensile property of azobenzene-containing ABA triblock copolymers. RSC Advances, 2015, 5, 4030-4040.	1.7	16
81	A highly efficient Î²â€nucleating agent for impactâ€resistant polypropylene copolymer. Journal of Applied Polymer Science, 2014, 131, .	1.3	12
82	Influence of Ionic Species on the Microphase Separation Behavior of PCL-b-PEO/Salt Hybrids. Macromolecules, 2014, 47, 8359-8367.	2.2	28
83	Phase behavior of LiClO4-doped poly(Îµ-caprolactone)-b-poly(ethylene oxide) hybrids in the presence of competitive interactions. Polymer, 2014, 55, 1070-1077.	1.8	22
84	Effect of molecular weight on isothermal crystallization kinetics of multi-walled carbon nanotubes-graft-poly(Îµ-caprolactone). Composites Science and Technology, 2014, 93, 23-29.	3.8	33
85	Thermosensitive Ionic Microgels via Surfactant-Free Emulsion Copolymerization and in Situ Quaternization Cross-Linking. ACS Applied Materials & Interfaces, 2014, 6, 4498-4513.	4.0	74
86	Effect of local chain deformability on the temperature-induced morphological transitions of polystyrene-b-poly(N-isopropylacrylamide) micelles in aqueous solution. Soft Matter, 2014, 10, 5201-5211.	1.2	30
87	Hierarchical structures of olefinic blocky copolymer/montmorillonite nanocomposites with collapsed and intercalated clay layers. RSC Advances, 2014, 4, 15678-15688.	1.7	14
88	Regulation of Crystallization Kinetics, Morphology, and Mechanical Properties of Olefinic Blocky Copolymers. Macromolecules, 2014, 47, 333-346.	2.2	62
89	Influence of different inorganic salts on crystallization-driven morphological transformation of PCL-b-PEO micelles in aqueous solutions. Chinese Journal of Polymer Science (English Edition), 2014, 32, 1128-1138.	2.0	27
90	Effect of phase separation on overall isothermal crystallization kinetics of PP/EPR inâ€reactor alloys. Journal of Applied Polymer Science, 2013, 127, 1346-1358.	1.3	11

#	Article	IF	Citations
91	Comparison of chain structure and morphology of an olefinic blocky copolymer and a Zieglerâ€“Nattaâ€based ethylene random copolymer. Polymer International, 2013, 62, 228-237.	1.6	22
92	Salt-induced microphase separation in poly(Îµ-caprolactone)-b-poly(ethylene oxide) block copolymer. Polymer, 2013, 54, 3098-3106.	1.8	42
93	Olefinic blocky copolymer/montmorillonite nanocomposites with collapsed clay layers. Composites Science and Technology, 2013, 85, 111-117.	3.8	19
94	Isothermal crystallization kinetics of multi-walled carbon nanotubes-graft-poly(Îµ-caprolactone) with high grafting degrees. CrystEngComm, 2013, 15, 7824.	1.3	37
95	Solution behaviors and microstructures of PNIPAm-P123-PNIPAm pentablock terpolymers in dilute and concentrated aqueous solutions. Physical Chemistry Chemical Physics, 2013, 15, 8276.	1.3	35
96	P(NIPAm-co-TMSPMA)/Silica hybrid microgels: Structures, swelling properties and applications in fabricating macroporous silica. Materials Chemistry and Physics, 2013, 138, 650-657.	2.0	14
97	Synthesis and thermal behavior of poly(Îµ-caprolactone) grafted on multiwalled carbon nanotubes with high grafting degrees. Materials Chemistry and Physics, 2013, 137, 1053-1061.	2.0	17
98	Regulation of Phase Separation in PP/EPR In-Reactor Alloy and Its Effect on Crystallization Kinetics. Industrial & Engineering Chemistry Research, 2013, 52, 16239-16246.	1.8	8
99	Chain Microstructure, Crystallization, and Morphology of Olefinic Blocky Copolymers. Macromolecular Chemistry and Physics, 2013, 214, 605-616.	1.1	34
100	Crystallization assisted self-assembly of semicrystalline block copolymers. Progress in Polymer Science, 2012, 37, 1350-1400.	11.8	334
101	Polystyrene-block-poly(ethylene oxide) Reverse Micelles and Their Temperature-Driven Morphological Transitions in Organic Solvents. Macromolecules, 2012, 45, 3634-3638.	2.2	24
102	Synthesis and characterization of Fe(II)-coordinated PS-b-P[NIPAM-co-(VBC-Fe-DMAP)] block copolymers. Chinese Journal of Polymer Science (English Edition), 2012, 30, 674-681.	2.0	9
103	Effect of Solvent-Assisted Nanoscaled Organo-Gels on Morphology and Performance of Organic Solar Cells. Journal of Physical Chemistry C, 2012, 116, 16893-16900.	1.5	18
104	Two Growth Modes of Semicrystalline Cylindrical Poly(Îµ-caprolactone)-b-poly(ethylene oxide) Micelles. Macromolecules, 2012, 45, 9768-9778.	2.2	111
105	Preparation and characterization of V-shaped PS-b-PEO brushes anchored on planar gold substrate through the trithiocarbonate junction group. Journal of Colloid and Interface Science, 2012, 384, 29-37.	5.0	22
106	Effect of pH on the Micellar Morphology of Semicrystalline PCLâ€bâ€PEO Block Copolymers in Aqueous Solution. Macromolecular Chemistry and Physics, 2012, 213, 952-964.	1.1	45
107	Ethylene/1-hexene copolymerization with MgCl2-supported Zieglerâ€“Natta catalysts containing aryloxy ligands. Part I: Catalysts prepared by immobilizing TiCl3(OAr) onto MgCl2 in batch reaction. Journal of Molecular Catalysis A, 2012, 355, 161-167.	4.8	22
108	Effect of phase separation on spherulitic growth rate of PP/EPR inâ€reactor alloys. Journal of Applied Polymer Science, 2012, 123, 535-542.	1.3	8

#	Article	IF	Citations
109	Effect of montmorillonite on orientation of drawn polypropylene films. Journal of Applied Polymer Science, 2012, 123, 3321-3330.	1.3	2
110	Synthesis and properties of organic-inorganic hybrid P(NIPAM-co-AM-co-TMSPMA) microgels. Chinese Journal of Polymer Science (English Edition), 2011, 29, 439-449.	2.0	18
111	Surface modification of linear lowâ€density polyethylene film by amphiphilic graft copolymers based on poly(higher Î±â€olefin)â€graftâ€poly(ethylene glycol). Journal of Applied Polymer Science, 2011, 119, 1111-1121.	1.3	10
112	Preparation and application of sulfonated poly(1â€octeneâ€coâ€styrene). Journal of Applied Polymer Science, 2011, 119, 677-684.	1.3	1
113	Facile fabrication of amphiphilic gold nanoparticles with V-shaped brushes from block copolymers with a trithiocarbonate group as the junction. Journal of Colloid and Interface Science, 2011, 360, 350-354.	5.0	19
114	Preparation and characterization of thermosensitive organicâ€“inorganic hybrid microgels with functional Fe3O4 nanoparticles as crosslinker. Polymer, 2011, 52, 172-179.	1.8	70
115	Detection of heavy metal ions in aqueous solution by P(MBTVBC-co-VIM)-coated QCM sensor. Sensors and Actuators B: Chemical, 2011, 157, 34-41.	4.0	41
116	Effects of comonomer content, comonomer distribution and crystallization condition on crystallinity and dimension of crystal lattice of ethylene-propylene copolymers. E-Polymers, 2010, 10, .	1.3	1
117	Inorganicâ€Saltâ€Induced Morphological Transformation of Semicrystalline Micelles of PCLâ€bPEO Block Copolymer in Aqueous Solution. Macromolecular Chemistry and Physics, 2010, 211, 1909-1916.	1.1	71
118	Synthesis and micelle behavior of (PNIPAm-PtBA-PNIPAm)m amphiphilic multiblock copolymer. Polymer, 2010, 51, 3493-3502.	1.8	42
119	Stabilization of water-in-octane nano-emulsion. Part I: Stabilized by mixed surfactant systems. Fuel, 2010, 89, 2838-2843.	3.4	65
120	Stabilization of water-in-octane nano-emulsion. II Enhanced by amphiphilic graft copolymers based on poly (higher Î±-olefin)-graft-poly(ethylene glycol). Fuel, 2010, 89, 3860-3865.	3.4	4
121	Cleavage of polystyreneâ€bâ€poly(ethylene oxide) block copolymers with a trithiocarbonate linkage in solutions. Journal of Polymer Science Part A, 2010, 48, 3834-3840.	2.5	11
122	Solution Crystallization Behavior of Crystallineâ^'Crystalline Diblock Copolymers of Poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.2	83
123	Cooperative Effect of Electrospinning and Nanoclay on Formation of Polar Crystalline Phases in Poly(vinylidene fluoride). ACS Applied Materials & Interfaces, 2010, 2, 1759-1768.	4.0	149
124	PNIPAm-PEO-PPO-PEO-PNIPAm Pentablock Terpolymer: Synthesis and Chain Behavior in Aqueous Solution. Macromolecules, 2010, 43, 7312-7320.	2.2	56
125	Interfacial entrapment of noble metal nanoparticles and nanorods capped with amphiphilic multiblock copolymer at a selective liquidâ€“liquid interface. Nanoscale, 2010, 2, 1684.	2.8	25
126	Hydrogen-Bonding-Driven Complexation of Polystyrene-block-poly(ethylene oxide) Micelles with Poly(acrylic acid). Macromolecules, 2010, 43, 3018-3026.	2.2	37

#	Article	IF	Citations
127	Characterization of a Poly(propylene-g-styrene) Graft Copolymer by Temperature Rising Elution Fractionation. International Journal of Polymer Analysis and Characterization, 2009, 14, 437-453.	0.9	3
128	Thermal fractionation and effect of comonomer distribution on the crystal structure of ethyleneâ€“propylene copolymers. Polymer, 2009, 50, 2510-2515.	1.8	16
129	Morphology of polypropylene/poly(ethylene-co-propylene) in-reactor alloys prepared by multi-stage sequential polymerization and two-stage polymerization. Polymer, 2009, 50, 5134-5141.	1.8	35
130	One-Pot Preparation of Hollow Silica Spheres by Using Thermosensitive Poly(N-isopropylacrylamide) as a Reversible Template. Langmuir, 2009, 25, 12367-12373.	1.6	63
131	Vesicle Formation of PLA_xâ^'PEG₄₄Diblock Copolymers. Macromolecules, 2009, 42, 8477-8484.	2.2	35
132	Synthesis and Characterization of Organometallic Coordination Polymer Nanoshells of Prussian Blue Using Miniemulsion Periphery Polymerization (MEPP). Journal of the American Chemical Society, 2009, 131, 5378-5379.	6.6	150
133	Poly[N-isopropylacrylamide-co-3-(trimethoxysilyl)-propylmethacrylate] Coated Aqueous Dispersed Thermosensitive Fe₃O₄ Nanoparticles. Journal of Physical Chemistry C, 2009, 113, 10090-10096.	1.5	48
134	Structure and Rheological Properties of the Products of Solid-State Graft Polymerization of Styrene in Annealed Polypropylene Reactor Granules. Polymer-Plastics Technology and Engineering, 2009, 48, 516-524.	1.9	5
135	Crystallization Behavior of the Blends of Isotactic Polypropylene and Ethylene-Propylene Blocky Copolymers. Polymer-Plastics Technology and Engineering, 2009, 48, 333-341.	1.9	7
136	ETHYLENE-1-HEXENE COPOLYMERIZATION WITH A 2,6-DIISOPROPYLPHENOL MODIFIED SUPPORTED ZIEGLER-NATTA CATALYST. Acta Polymerica Sinica, 2009, 009, 748-755.	0.0	9
137	Regulation of Micellar Morphology of PCLâ€bâ€PEO Block Copolymers by Crystallization Temperature. Macromolecular Rapid Communications, 2008, 29, 467-471.	2.0	98
138	Fractionation and characterization of an ethyleneâ€“propylene copolymer produced with a MgCl₂/SiO₂/TiCl₄/diesterâ€type zieglerâ€“natta catalyst. Journal of Applied Polymer Science, 2008, 107, 1301-1309.	1.3	22
139	Influence of an annealing treatment on the solidâ€state grafting of styrene onto spherical isotactic polypropylene granules. Journal of Applied Polymer Science, 2008, 110, 1990-1996.	1.3	2
140	Study of amphiphilic poly(1-dodecene-co-para-methylstyrene)-graft-poly (ethylene glycol): Part I. Preparation of poly(1-dodecene-co-para-methylstyrene) copolymer and its molecular weight regulation. European Polymer Journal, 2008, 44, 3239-3245.	2.6	14
141	Study of amphiphilic poly(1-dodecene-co-para-methylstyrene)-graft-poly(ethylene glycol). Part II: Preparation and micellization behavior of the amphiphilic copolymers. European Polymer Journal, 2008, 44, 4122-4128.	2.6	13
142	Fabrication and Properties of Thermosensitive Organic/Inorganic Hybrid Hydrogel Thin Films. Langmuir, 2008, 24, 5543-5551.	1.6	47
143	Preparation and Properties of Thermo-sensitive Organic/Inorganic Hybrid Microgels. Langmuir, 2008, 24, 12771-12778.	1.6	53
144	Morphological change of asymmetric oxyethylene/oxybutylene block copolymers induced by montmorillonite. Journal of Chemical Physics, 2008, 128, 154902.	1.2	2

#	Article	IF	Citations
145	Effect of Microstructure of EPR on Crystallization and Morphology of PP/EPR Blends. Polymer-Plastics Technology and Engineering, 2008, 47, 1242-1249.	1.9	5
146	CRYSTALLIZATION KINETICS OF ETHYLENE-PROPYLENE COPOLYMERS PREPARED BY LIVING COORDINATION POLYMERIZATION. Chinese Journal of Polymer Science (English Edition), 2008, 26, 589.	2.0	3
147	Improvement of Structure and Properties of Polypropylene/Poly(ethyleneâ€‹coâ€propylene) Inâ€reactor Alloy by Modifying the Cocatalyst. Macromolecular Symposia, 2007, 260, 127-132.	0.4	7
148	Micellar Morphologies of Poly(Îµ-caprolactone)-b-poly(ethylene oxide) Block Copolymers in Water with a Crystalline Core. Macromolecules, 2007, 40, 7633-7637.	2.2	222
149	Effect of Substrate and Molecular Weight on the Stability of Thin Films of Semicrystalline Block Copolymers. Langmuir, 2007, 23, 3673-3679.	1.6	13
150	Lamellar Orientation in Thin Films of Symmetric Semicrytalline Polystyrene-b-poly(ethylene-co-butene) Block Copolymers:â€‰ Effects of Molar Mass, Temperature of Solvent Evaporation, and Annealing. Journal of Physical Chemistry B, 2007, 111, 11921-11928.	1.2	14
151	Structure and morphology of polyethylene/polypropylene in-reactor alloys synthesized by spherical high-yield Zieglerâ€“Natta catalyst. Journal of Applied Polymer Science, 2007, 103, 2075-2085.	1.3	9
152	Crystallization and morphology of cholesterol end-capped poly(ethylene glycol). Journal of Applied Polymer Science, 2007, 103, 2464-2471.	1.3	11
153	Effect of molecular weight on spherulitic growth rate of poly(Îµ-caprolactone) and poly(Îµ-caprolactone)-b-poly(ethylene glycol). Journal of Applied Polymer Science, 2007, 104, 2986-2991.	1.3	25
154	Synthesis and characterization of poly(Îµ-caprolactone)-b-poly(ethylene glycol) block copolymers prepared by a salicylaldimine-aluminum complex. Journal of Applied Polymer Science, 2007, 105, 771-776.	1.3	36
155	Strong influences of cocatalyst on ethylene/propylene copolymerization with a MgCl2/SiO2/TiCl4/diester type Zieglerâ€“Natta catalyst. European Polymer Journal, 2007, 43, 3442-3451.	2.6	16
156	Crystallization and melting behaviors of polystyrene-b-poly(ethylene-co-butene) block copolymers. European Polymer Journal, 2007, 43, 3153-3162.	2.6	7
157	Control of the molecular weight distribution and tacticity in 1-hexylene polymerization catalyzed by TiCl4/MgCl2-NaCl/TEA catalysis system. Journal of Molecular Catalysis A, 2007, 275, 72-76.	4.8	12
158	Regulation of morphology and mechanical properties of polypropylene/poly(ethylene-co-propylene) in-reactor alloys by multi-stage sequential polymerization. Polymer, 2007, 48, 5905-5916.	1.8	78
159	Morphology of semicrystalline oxyethylene/oxybutylene block copolymer thin films on mica. Polymer, 2007, 48, 7201-7210.	1.8	13
160	Microstructure of Ethylene/Propylene Random Copolymers Prepared by a Fluorinated Bis(phenoxy-imine)Ti Catalyst. Polymer Bulletin, 2007, 58, 903-911.	1.7	6
161	Effect of Substrate Surface on Dewetting Behavior and Chain Orientation of Semicrystalline Block Copolymer Thin Films. Journal of Physical Chemistry B, 2006, 110, 24384-24389.	1.2	14
162	Thin Film Morphology of Symmetric Semicrystalline Oxyethylene/Oxybutylene Diblock Copolymers on Silicon. Macromolecules, 2006, 39, 5471-5478.	2.2	26

#	Article	IF	Citations
163	Competition of Crystalline and Liquid Crystalline Moieties in Self-Assembly of Poly(oxyethylene) Cholesterol Ethers. Macromolecules, 2006, 39, 2981-2988.	2.2	19
164	Regulating the Structure of Ethylene-Propylene Copolymer for Polyolefin In-reactor Alloy with Improved Properties. Studies in Surface Science and Catalysis, 2006, , 25-30.	1.5	7
165	Crystallization behavior of poly(styreneâ€“ethylene) copolymers prepared by sequential polymerization. European Polymer Journal, 2006, 42, 1122-1127.	2.6	2
166	Influence of polymerization conditions on the structure and properties of polyethylene/polypropylene in-reactor alloy synthesized in the gas phase with a spherical Zieglerâ€“Natta catalyst. Journal of Applied Polymer Science, 2006, 101, 2136-2143.	1.3	9
167	Synthesis of polystyrene-b-poly(ethylene-co-butene) block copolymers by anionic living polymerization and subsequent noncatalytic hydrogenation. Journal of Applied Polymer Science, 2006, 102, 2632-2638.	1.3	6
168	Crystallization and coalescence of block copolymer micelles in semicrystalline block copolymer/amorphous homopolymer blends. Polymer, 2005, 46, 1709-1716.	1.8	42
169	Isothermal crystallization of intercalated and exfoliated polyethylene/montmorillonite nanocomposites prepared by in situ polymerization. Polymer, 2005, 46, 11978-11985.	1.8	64
170	Polymerization of vinyl chloride catalyzed by a titanium complex with an anionic oxygen tripod ligand. European Polymer Journal, 2005, 41, 115-120.	2.6	4
171	Non-isothermal crystallization kinetics of exfoliated and intercalated polyethylene/montmorillonite nanocomposites prepared by in situ polymerization. European Polymer Journal, 2005, 41, 3011-3017.	2.6	73
172	Isothermal crystallization of metallocene-based propylene/?-olefin copolymers. Journal of Applied Polymer Science, 2005, 97, 240-247.	1.3	7
173	Chain structure and mechanical properties of polyethylene/polypropylene/poly(ethylene-co-propylene)in-reactor alloys synthesized with a spherical Ziegler-Natta catalyst by gas-phase polymerization. Journal of Applied Polymer Science, 2005, 97, 640-647.	1.3	45
174	Influence of the reaction conditions on the solid-state graft copolymerization of methyl methacrylate and polyethylene/polypropylenein situ alloys. Journal of Applied Polymer Science, 2005, 98, 195-202.	1.3	8
175	Synthesis and characterization of low-molecular-weight hydrogenated polybutadiene-b-poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Over	1.3	11
176	Effect of the structure on the morphology and spherulitic growth kinetics of polyolefin in-reactor alloys. Journal of Applied Polymer Science, 2005, 98, 632-638.	1.3	10
177	Composition distributions of different particles of a polypropylene/poly(ethylene-co-propylene)in situ alloy analyzed by temperature-rising elution fractionation. Journal of Applied Polymer Science, 2005, 98, 243-246.	1.3	12
178	Observation of Regime III Crystallization in Polyethylene/Montmorillonite Nanocomposites. Macromolecular Rapid Communications, 2005, 26, 620-625.	2.0	32
179	Propylene polymerization catalyzed by novel supported titanium catalysts MgCl2/NaCl/DNBP/TiCl4 with different NaCl content. Journal of Molecular Catalysis A, 2005, 235, 209-219.	4.8	11
180	Meltingâ€“Recrystallization of Block Copolymer Crystals in Confined Environments. Polymer Journal, 2005, 37, 43-46.	1.3	3

#	Article	IF	Citations
181	Study of crystallization and melting behavior of polypropylene-block-polyethylenes copolymers fractionated from polypropylene and polyethylene mixtures. Polymer International, 2004, 53, 1314-1320.	1.6	15
182	Chain structure of polyethylene/polypropylene in-reactor alloy synthesized in gas phase with spherical Zieglerâ€“Natta catalyst. Polymer International, 2004, 53, 1169-1175.	1.6	24
183	A time-resolved SAXS study on the crystalline morphology of long-term stored isotactic polypropylene. Journal of Applied Crystallography, 2004, 37, 295-299.	1.9	4
184	PE/PE-g-MAH/Org-MMT nanocomposites. II. Nonisothermal crystallization kinetics. Journal of Applied Polymer Science, 2004, 91, 3054-3059.	1.3	53
185	Polyethylene/maleic anhydride grafted polyethylene/organic-montmorillonite nanocomposites. I. Preparation, microstructure, and mechanical properties. Journal of Applied Polymer Science, 2004, 91, 3974-3980.	1.3	138
186	Effect of the amorphous segment on the nonisothermal crystallization and morphology of oxyethylene-oxybutylene block copolymers. Journal of Applied Polymer Science, 2004, 93, 870-876.	1.3	6
187	Nonisothermal crystallization of metallocene propylene-decene-1 copolymers. Journal of Applied Polymer Science, 2004, 93, 1724-1730.	1.3	9
188	Polarized optical microscopy study on the superstructures of oxyethylene/oxybutylene block copolymers. Polymer, 2004, 45, 6675-6680.	1.8	12
189	Comparison of Crystallization Rate and Macroscopic Morphology of Two Oxyethylene/Oxybutylene Triblock Copolymers. The Effect of Molecular Architecture. Polymer Journal, 2004, 36, 465-471.	1.3	4
190	Isothermal crystallization of metallocene-based polypropylenes with different isotacticity and regioregularity. Journal of Applied Polymer Science, 2003, 90, 3215-3221.	1.3	10
191	SAXS/WAXS/DSC studies on crystallization of a polystyrene-b-poly(ethylene oxide)-b-polystyrene triblock copolymer with lamellar morphology and low glass transition temperature. European Polymer Journal, 2003, 39, 2091-2098.	2.6	45
192	Crystallization and vitrification effect in a poly(styrene)-g-poly(ethylene oxide) graft copolymer. Polymer, 2003, 44, 6379-6385.	1.8	11
193	Crystallization behavior of oxyethylene/oxybutylene diblock and triblock copolymers. Polymer, 2003, 44, 6843-6850.	1.8	40
194	The effect of architecture on the morphology and crystallization of oxyethylene/oxybutylene block copolymers from micelles in n-hexane. Journal of Materials Chemistry, 2003, 13, 2740-2748.	6.7	49
195	Isothermal Crystallization Kinetics and Melting Behavior of Poly(oxyethylene)-b-poly(oxybutylene)/Poly(oxybutylene) Blends. Macromolecules, 2002, 35, 6937-6945.	2.2	108
196	Morphological Confinement on Crystallization in Blends of Poly(oxyethylene-block-oxybutylene) and Poly(oxybutylene). Macromolecules, 2002, 35, 3614-3621.	2.2	93
197	Tensile behaviour of homogeneous ethylene copolymers. Polymer International, 2002, 51, 458-463.	1.6	17
198	Dynamic rheological behaviors of metallocene-based ethyleneâ€“butene copolymers and their blends with low-density polyethylene. European Polymer Journal, 2002, 38, 365-375.	2.6	17

#	Article	IF	Citations
199	Temperature rising elution fractionation of PP/PE alloy and thermal behavior of the fractions. European Polymer Journal, 2002, 38, 1739-1743.	2.6	39
200	Effect of composition distribution on miscibility and co-crystallization phenomena in the blends of low density polyethylene with conventional and metallocene-based ethyleneâ€“butene copolymers. Polymer, 2001, 42, 3867-3874.	1.8	44
201	Copolymerization of propylene with various higher ?-olefins using silica-supportedrac-Me2Si(Ind)2ZrCl2. Journal of Polymer Science Part A, 2001, 39, 3294-3303.	2.5	22
202	Nonisothermal crystallization kinetics of ethylene-butene copolymer/low-density polyethylene blends. Journal of Applied Polymer Science, 2001, 80, 123-129.	1.3	10
203	Structure and properties of polypropylene/poly(ethylene-co-propylene) in-situ blends synthesized by spherical Zieglerâ€“Natta catalyst. Polymer, 2001, 42, 5559-5566.	1.8	168
204	Polymer-supported half-titanocene catalysts for the syndiospecific polymerization of styrene. Journal of Polymer Science Part A, 2000, 38, 127-135.	2.5	16
205	Effect of short chain-branching distribution on crystallinity and modulus of metallocene-based ethylene-butene copolymers. Journal of Applied Polymer Science, 2000, 77, 1709-1715.	1.3	36
206	Application of temperature rising elution fractionation in polyolefins. European Polymer Journal, 2000, 36, 867-878.	2.6	74
207	Short chain branching distributions of metallocene-based ethylene copolymers. European Polymer Journal, 2000, 36, 685-693.	2.6	36
208	Effect of short chain-branching distribution on crystallinity and modulus of metallocene-based ethyleneâ€“butene copolymers. , 2000, 77, 1709.		1
209	ESR study on MgCl2-supported half-titanocene catalyst for syndiospecific polymerization of styrene. European Polymer Journal, 1999, 35, 127-132.	2.6	16
210	Characterization of isotactic polypropylene prepared with dimethylsilyl bis(1-indenyl)zirconium dichloride supported on methylaluminoxane pretreated silica. European Polymer Journal, 1999, 35, 1289-1294.	2.6	9
211	Nonisothermal crystallization of s-PP fractions. Journal of Applied Polymer Science, 1999, 71, 897-901.	1.3	8
212	Influence of syndiotacticity and annealing temperature on the double melting peak behaviour of syndiotactic polypropylene. Polymer International, 1999, 48, 53-56.	1.6	5
213	Influence of syndiotacticity and annealing temperature on the double melting peak behaviour of syndiotactic polypropylene. Polymer International, 1999, 48, 53-56.	1.6	1
214	Characterization of microstructure of polypropylene alloys. Polymer International, 1998, 47, 433-438.	1.6	20
215	Temperature Rising Elution Fractionation of Syndiotactic Polypropylene Prepared by Homogeneous and Supported Metallocene Catalysts. Polymer Journal, 1998, 30, 824-827.	1.3	10
216	Stereochemical Assignment of 13C NMR Spectra of Predominantly Syndiotactic Polystyrene. Polymer Journal, 1998, 30, 720-722.	1.3	9

#	Article	IF	Citations
217	Temperature Rising Elution Fractionation of Polypropylenes Produced by Heterogeneous Ziegler-Natta Catalysts Containing Different Internal Donors. Polymer Journal, 1997, 29, 713-717.	1.3	16
218	Formation Mechanism of Stereoblocks in Polypropylene Produced by Supported Zieglerâ^'Natta Catalysts. Macromolecules, 1997, 30, 2539-2541.	2.2	32
219	Influence of Electron Donors on the Tacticity and the Composition Distribution of Propyleneâ^'Butene Copolymers Produced by Supported Zieglerâ^'Natta Catalysts. Macromolecules, 1997, 30, 7655-7660.	2.2	40
220	Separation and identification of ethylene-propylene block copolymer. Polymer, 1997, 38, 4381-4385.	1.8	60
221	ESR study on SiO2-supported half-titanocene catalyst for syndiospecific polymerization of styrene. Macromolecular Rapid Communications, 1997, 18, 875-882.	2.0	20
222	The roles of Grignard reagent in the Ziegler-Natta catalyst for propylene polymerization. Journal of Applied Polymer Science, 1997, 65, 925-930.	1.3	1
223	New evidence of the presence of internal electron donors in active sites of heterogeneous Ziegler-Natta catalysts. Macromolecular Rapid Communications, 1996, 17, 645-651.	2.0	11
224	Microtacticity of polypropylene fractions produced by different active sites of heterogeneous Ziegler-Natta catalyst. Journal of Applied Polymer Science, 1996, 62, 727-731.	1.3	23
225	Simultaneous polymerization and formation of polyphenylacetylene film by Nd(P204)3â€“Fe (AA)3â€“Al(i-Bu)3 combined catalyst system. Journal of Polymer Science Part A, 1995, 33, 1873-1879.	2.5	4