

# Alejandro J MÃ¼ller

## List of Publications by Year in descending order

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475  
papers

18,643  
citations

16791

66  
h-index

32181

105  
g-index

490  
all docs

490  
docs citations

490  
times ranked

13358  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tuning Conjugated Polymer Chain Packing for Stretchable Semiconductors. <i>Advanced Materials</i> , 2022, 34, e2104747.	11.1	47
2	Unexpected Structural Properties in the Saturation Region of the Odd-Even Effects in Aliphatic Polyethers: Influence of Crystallization Conditions. <i>Macromolecules</i> , 2022, 55, 584-594.	2.2	7
3	Enhanced and Reusable Poly(hydroxy urethane)-Based Low Temperature Hot-Melt Adhesives. <i>ACS Polymers Au</i> , 2022, 2, 194-207.	1.7	15
4	Self-assembly and crystallization of double crystalline aliphatic thermoplastic biopolyurethane and its nucleation with cellulose nanocrystals. <i>Polymer</i> , 2022, 241, 124521.	1.8	2
5	Rheology and Tack Properties of Biodegradable Isodimorphic Poly(butylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 587 Td (su Polymers, 2022, 14, 623.	2.0	6
6	Surface Roughness Enhances Self-Nucleation of High-Density Polyethylene Droplets Dispersed within Immiscible Blends. <i>Macromolecules</i> , 2022, 55, 1412-1423.	2.2	7
7	Competing crystallization of $\hat{1}\pm$ - and $\hat{1}^2$ -phase induced by $\hat{1}^2$ -nucleating agents in microdroplets of isotactic polypropylene. <i>CrystEngComm</i> , 2022, 24, 1966-1978.	1.3	9
8	A Review on Current Strategies for the Modulation of Thermomechanical, Barrier, and Biodegradation Properties of Poly (Butylene Succinate) (PBS) and Its Random Copolymers. <i>Polymers</i> , 2022, 14, 1025.	2.0	30
9	The role of intermolecular interactions on melt memory and thermal fractionation of semicrystalline polymers. <i>Journal of Chemical Physics</i> , 2022, 156, 144902.	1.2	11
10	Crystallization kinetics and nanoparticle ordering in semicrystalline polymer nanocomposites. <i>Progress in Polymer Science</i> , 2022, 128, 101527.	11.8	21
11	Miscibility, Morphology, and Crystallization Kinetics of Biodegradable Poly( $\hat{1}\mu$ -caprolactone)/Ascorbic Acid Blends. <i>ACS Applied Polymer Materials</i> , 2022, 4, 301-312.	2.0	3
12	The Influence of Thermal Treatments on Anchor Effect in NMT Products. <i>Polymers</i> , 2022, 14, 1652.	2.0	1
13	Facile construction of functional poly(monothiocarbonate) copolymers under mild operating conditions. <i>Polymer Chemistry</i> , 2022, 13, 3076-3090.	1.9	7
14	Experimental and Data Fitting Guidelines for the Determination of Polymer Crystallization Kinetics. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2022, 40, 658-691.	2.0	40
15	Improving the Mechanical Performance of LDPE/PP Blends through Microfibrillation. <i>ACS Applied Polymer Materials</i> , 2022, 4, 3369-3379.	2.0	6
16	On novel hydrogels based on poly(2-hydroxyethyl acrylate) and polycaprolactone with improved mechanical properties prepared by frontal polymerization. <i>European Polymer Journal</i> , 2022, 171, 111226.	2.6	9
17	Crystallization Rate Minima of Poly(ethylene brassylate) at Temperatures Transitioning between Quantized Crystal Thicknesses. <i>Macromolecules</i> , 2022, 55, 3958-3973.	2.2	10
18	Temperature modulated DSC for composition analysis of recycled polyolefin blends. <i>Polymer Testing</i> , 2022, 113, 107656.	2.3	11

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19	Natural Deep Eutectic Solvents Based on Choline Chloride and Phenolic Compounds as Efficient Bioadhesives and Corrosion Protectors. ACS Sustainable Chemistry and Engineering, 2022, 10, 8135-8142.	3.2	27
20	<i>In Situ</i> Atomic Force Microscopy Tracking of Nanoparticle Migration in Semicrystalline Polymers. ACS Macro Letters, 2022, 11, 818-824.	2.3	2
21	Effect of the structural features of biobased linear polyester plasticizers on the crystallization of polylactides. International Journal of Biological Macromolecules, 2022, 214, 128-139.	3.6	7
22	Organizing Nanoparticles in Semicrystalline Polymers by Modifying Particle Diffusivity. ACS Macro Letters, 2022, 11, 882-888.	2.3	2
23	Even-odd Effect in Aliphatic Polycarbonates with Different Chain Lengths: from Poly (Hexamethylene) Terephthalate to Poly (Dodecamethylene) Terephthalate. ACS Sustainable Chemistry and Engineering, 2021, 9, 1714-1728.	3.2	22
24	SSA fractionation of thermoplastic polyurethanes. Polymer Crystallization, 2021, 4, .	0.5	6
25	Flame retardant polyphosphoester copolymers as solid polymer electrolyte for lithium batteries. Polymer Chemistry, 2021, 12, 3441-3450.	1.9	23
26	Access to Biorenewable and CO <sub>2</sub> -Based Polycarbonates from Exovinylene Cyclic Carbonates. ACS Sustainable Chemistry and Engineering, 2021, 9, 1714-1728.	3.2	22
27	Observation of Stepwise Ultrafast Crystallization Kinetics of Donor-acceptor Conjugated Polymers and Correlation with Field Effect Mobility. Chemistry of Materials, 2021, 33, 1637-1647.	3.2	17
28	Direct Relationship between Dispersion and Crystallization Behavior in Poly(ethylene Terephthalate) Nanocomposites. ACS Sustainable Chemistry and Engineering, 2021, 9, 1714-1728.	2.2	16
29	Revisiting Polymer-Particle Interaction in PEO Solutions. Langmuir, 2021, 37, 3808-3816.	1.6	6
30	Composition dependent miscibility in the crystalline state of polyamide 6 /polyamide 4,10 blends: From single to double crystalline blends. Polymer, 2021, 219, 123570.	1.8	12
31	Extending Cooling Rate Performance of Fast Scanning Chip Calorimetry by Liquid Droplet Cooling. Applied Sciences (Switzerland), 2021, 11, 3813.	1.3	4
32	Fractionated crystallization in semicrystalline polymers. Progress in Polymer Science, 2021, 115, 101376.	11.8	48
33	Suppression of the Self-Nucleation Effect of Semicrystalline Polymers by Confinement. Macromolecules, 2021, 54, 3810-3821.	2.2	12
34	Continuous Cooling Curve Diagrams of Isotactic-Polypropylene/Polyethylene Blends: Mutual Nucleating Effects under Fast Cooling Conditions. Macromolecules, 2021, 54, 4834-4846.	2.2	15
35	Analysis of plasticization and reprocessing effects on the segmental cooperativity of polylactide by dielectric thermal spectroscopy. Polymer, 2021, 223, 123701.	1.8	9
36	Study of the interlayer adhesion and warping during material extrusion-based additive manufacturing of a carbon nanotube/biobased thermoplastic polyurethane nanocomposite. Polymer, 2021, 224, 123734.	1.8	16

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37	Rheology of complex biobased quaternary blends: Poly(lactic acid) [poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 742	1.3	7
38	Nanostructural organization of thin films prepared by sequential dip-coating deposition of poly(butylene succinate), poly( $\mu$ -caprolactone) and their copolyesters (PBS-ran-PCL). <i>Polymer</i> , 2021, 226, 123812.	1.8	6
39	Polyether Single and Double Crystalline Blends and the Effect of Lithium Salt on Their Crystallinity and Ionic Conductivity. <i>Polymers</i> , 2021, 13, 2097.	2.0	4
40	Sequential Crystallization and Multicrystalline Morphology in PE- <i>b</i> -PEO- <i>b</i> -PCL- <i>b</i> -PLLA Tetrablock Quarterpolymers. <i>Macromolecules</i> , 2021, 54, 7244-7257.	2.2	8
41	Peculiar self-nucleation behavior of a polybutene-1/ethylene random copolymer. <i>Polymer Crystallization</i> , 2021, 4, e10201.	0.5	0
42	Phase Transitions in Poly(vinylidene fluoride)/Polymethylene-Based Diblock Copolymers and Blends. <i>Polymers</i> , 2021, 13, 2442.	2.0	8
43	Synthesis, Structure, Crystallization and Mechanical Properties of Isodimorphic PBS-ran-PCL Copolyesters. <i>Polymers</i> , 2021, 13, 2263.	2.0	15
44	Solid-Solid Crystal Transitions ( $\hat{\Gamma}$ to $\hat{\Gamma}$ ) in Poly(hexamethylene carbonate) and Poly(octamethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 262	2.2	8
45	Confined Crystallization of Polymers within Nanopores. <i>Accounts of Chemical Research</i> , 2021, 54, 3028-3038.	7.6	38
46	High conductivity and stability of polystyrene/MXene composites with orientation-3D network binary structure. <i>Journal of Colloid and Interface Science</i> , 2021, 595, 151-158.	5.0	24
47	Quantifying Nanoparticle Ordering Induced by Polymer Crystallization. <i>ACS Nano</i> , 2021, 15, 14430-14443.	7.3	8
48	Competition between Chain Extension and Crosslinking in Polyamide 1012 during High-Temperature Thermal Treatments as Revealed by Successive Self-Nucleation and Annealing Fractionation. <i>Macromolecules</i> , 2021, 54, 7552-7563.	2.2	15
49	Crystallization and Morphology of Triple Crystalline Polyethylene- <i>b</i> -poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 262	2.0	4
50	Surface Nucleation of Dispersed Polyethylene Droplets in Immiscible Blends Revealed by Polypropylene Matrix Self-Nucleation. <i>Macromolecules</i> , 2021, 54, 9100-9112.	2.2	16
51	Accelerating the crystallization kinetics of linear polylactides by adding cyclic poly ( $\epsilon$ -lactide): Nucleation, plasticization and topological effects. <i>International Journal of Biological Macromolecules</i> , 2021, 186, 255-267.	3.6	16
52	Crystallization of a Self-Assembling Nucleator in Poly( <i>l</i> -lactide) Melt. <i>Crystal Growth and Design</i> , 2021, 21, 5880-5888.	1.4	9
53	Asymmetric Co-unit Inclusion in Statistical Copolyesters. <i>Macromolecules</i> , 2021, 54, 835-845.	2.2	9
54	Polymer Spherulitic Growth Kinetics Mediated by Nanoparticle Assemblies. <i>Macromolecules</i> , 2021, 54, 1063-1072.	2.2	17

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55	Influence of side-chain isomerization on the isothermal crystallization kinetics of poly(3-alkylthiophenes). <i>Journal of Materials Research</i> , 2021, 36, 191-202.	1.2	8
56	Structure and Properties of Reactively Extruded Opaque Post-Consumer Recycled PET. <i>Polymers</i> , 2021, 13, 3531.	2.0	17
57	Using Successive Self-Nucleation and Annealing to Detect the Solid-Solid Transitions in Poly(hexamethylene carbonate) and Poly(octamethylene carbonate). <i>Macromolecules</i> , 2021, 54, 9670-9680.	2.2	6
58	Crystallization kinetics and molecular dynamics of binary coamorphous systems of nimesulide and profen analogs. <i>International Journal of Pharmaceutics</i> , 2021, 610, 121235.	2.6	8
59	Influence of side-chain isomerization on the isothermal crystallization kinetics of poly(3-alkylthiophenes). <i>Journal of Materials Research</i> , 2021, 36, 1-12.	1.2	2
60	Mastering Superior Performance Origins of Ionic Polyurethane/Silica Hybrids. <i>ACS Applied Polymer Materials</i> , 2021, 3, 6684-6693.	2.0	6
61	Ternary Poly(ethylene oxide)/Poly( $\epsilon$ -caprolactone)- $\epsilon$ -caprolactide) PEO/PLA Blends as High-Temperature Solid Polymer Electrolytes for Lithium Batteries. <i>ACS Applied Polymer Materials</i> , 2021, 3, 6326-6337.	2.0	19
62	Polycaprolactone Adsorption and Nucleation onto Graphite Nanoplates for Highly Flexible, Thermally Conductive, and Thermomechanically Stiff Nanopapers. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, . .	4.0	5
63	Electroactive 3D printable poly(3,4-ethylenedioxythiophene)- <i>graft</i> -poly( $\mu$ -caprolactone) copolymers as scaffolds for muscle cell alignment. <i>Polymer Chemistry</i> , 2021, 13, 109-120.	1.9	19
64	Effect of shear rate and pressure on the crystallization of PP nanocomposites and PP/PET polymer blend nanocomposites. <i>Polymer</i> , 2020, 186, 121950.	1.8	16
65	ROP and crystallization behaviour of partially renewable triblock aromatic-aliphatic copolymers derived from L-lactide. <i>European Polymer Journal</i> , 2020, 122, 109321.	2.6	4
66	Influence of Chemical Structures on Isodimorphic Behavior of Three Different Copolycarbonate Random Copolymer Series. <i>Macromolecules</i> , 2020, 53, 669-681.	2.2	18
67	The origin of memory effects in the crystallization of polyamides: Role of hydrogen bonding. <i>Polymer</i> , 2020, 188, 122117.	1.8	61
68	Effect of Core Nanostructure on the Thermomechanical Properties of Soft Nanoparticles. <i>Chemistry of Materials</i> , 2020, 32, 518-528.	3.2	9
69	Controlling the Isothermal Crystallization of Isodimorphic PBS-ran-PCL Random Copolymers by Varying Composition and Supercooling. <i>Polymers</i> , 2020, 12, 17.	2.0	26
70	Renewable and Tough Poly( $\epsilon$ -caprolactone)-lactic acid)/Polyurethane Blends Prepared by Dynamic Vulcanization. <i>ACS Omega</i> , 2020, 5, 26421-26430.	1.6	4
71	Origin of Transcrystallinity and Nucleation Kinetics in Polybutene-1/Fiber Composites. <i>Macromolecules</i> , 2020, 53, 8940-8950.	2.2	17
72	The Effect of the Cooling Rate on the Morphology and Crystallization of Triple Crystalline PE $\epsilon$ -b-PEO $\epsilon$ -b-PLLA and PE $\epsilon$ -b-PCL $\epsilon$ -b-PLLA Triblock Terpolymers. <i>ACS Applied Polymer Materials</i> , 2020, 2, 4952-4963.	2.0	7

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73	Effect of Nanoconfinement on the Isodimorphic Crystallization of Poly(butylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 742 Td (	2.2	17
74	Effect of the Crystallization Conditions on the Exclusion/Inclusion Balance in Biodegradable Poly(butylene succinate-ran-butylene adipate) Copolymers. <i>Biomacromolecules</i> , 2020, 21, 3420-3435.	2.6	20
75	Heterogeneous Nucleation and Self-Nucleation of Isotactic Polypropylene Microdroplets in Immiscible Blends: From Nucleation to Growth-Dominated Crystallization. <i>Macromolecules</i> , 2020, 53, 5980-5991.	2.2	38
76	High <i>cis</i> -Selectivity in Boron-Catalyzed Polymerization of Allylic Arsonium Ylide and its Contribution to Thermal Properties of C3-Polymers. <i>Macromolecules</i> , 2020, 53, 10718-10724.	2.2	5
77	Direct identification of three crystalline phases in PEO-b-PCL-b-PLLA triblock terpolymer by In situ hot-stage atomic force microscopy. <i>Polymer</i> , 2020, 205, 122863.	1.8	8
78	Crystallization, Orientation, and Solid-Solid Crystal Transition of Polybutene-1 Confined within Nanoporous Alumina. <i>Macromolecules</i> , 2020, 53, 6510-6518.	2.2	24
79	4-Miktoarm star architecture induces PVDF $\beta$ -phase formation in (PVDF) <sub>2</sub> -b-(PEO) <sub>2</sub> miktoarm star copolymers. <i>Journal of Materials Chemistry C</i> , 2020, 8, 13786-13797.	2.7	8
80	Nucleation modalities in poly(lactide), poly(butylene succinate), and poly( $\epsilon$ -caprolactone) ternary blends with partial wetting morphology. <i>Polymer Crystallization</i> , 2020, 3, e10145.	0.5	2
81	Melt Memory Effects in Poly(butylene succinate) Studied by Differential Fast Scanning Calorimetry. <i>Polymers</i> , 2020, 12, 2796.	2.0	14
82	Polymer Crystallization under Confinement by Well-Dispersed Nanoparticles. <i>Macromolecules</i> , 2020, 53, 10256-10266.	2.2	22
83	Two-Dimensional Covalent Organic Frameworks with Enhanced Aluminum Storage Properties. <i>ChemSusChem</i> , 2020, 13, 3447-3454.	3.6	44
84	Tacky Elastomers to Enable Tear-Resistant and Autonomous Self-Healing Semiconductor Composites. <i>Advanced Functional Materials</i> , 2020, 30, 2000663.	7.8	85
85	High Lithium Conductivity of Miscible Poly(ethylene oxide)/Methacrylic Sulfonamide Anionic Polyelectrolyte Polymer Blends. <i>Macromolecules</i> , 2020, 53, 4442-4453.	2.2	22
86	Partitioning of the components into two-demixed-macrophases from a solution blend emulating high impact polystyrene close to the phase inversion region. <i>Polymer</i> , 2020, 198, 122523.	1.8	3
87	Self-Nucleation Effects on Polymer Crystallization. <i>Macromolecules</i> , 2020, 53, 4581-4604.	2.2	144
88	Chemical Structure Drives Memory Effects in the Crystallization of Homopolymers. <i>Macromolecules</i> , 2020, 53, 4874-4881.	2.2	43
89	Mechanisms of Directional Polymer Crystallization. <i>ACS Macro Letters</i> , 2020, 9, 1007-1012.	2.3	11
90	Properties of scaffolds prepared by fused deposition modeling of poly(hydroxyalkanoates). <i>International Journal of Biological Macromolecules</i> , 2020, 161, 364-376.	3.6	39

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91	Ultrasmall SnO <sub>2</sub> nanocrystals embedded in porous carbon as potassium ion battery anodes with long-term cycling performance. <i>New Journal of Chemistry</i> , 2020, 44, 11678-11683.	1.4	16
92	A Chitosan/Poly(ethylene oxide)-Based Hybrid Polymer Composite Electrolyte Suitable for Solid-State Lithium Metal Batteries. <i>ChemistrySelect</i> , 2020, 5, 2878-2885.	0.7	13
93	A tailor-made Successive Self-nucleation and Annealing protocol for the characterization of recycled polyolefin blends. <i>Polymer</i> , 2020, 203, 122791.	1.8	15
94	Competition between nucleation and confinement in the crystallization of poly(ethylene glycol)/large aspect ratio hectorite nanocomposites. <i>Polymer</i> , 2020, 202, 122734.	1.8	21
95	Residual alignment and its effect on weld strength in material-extrusion 3D-printing of polylactic acid. <i>Additive Manufacturing</i> , 2020, 36, 101415.	1.7	23
96	Thermo-rheological effects on successful 3D printing of biodegradable polyesters. <i>Additive Manufacturing</i> , 2020, 36, 101408.	1.7	4
97	Nucleation of Poly(lactide) Partially Wet Droplets in Ternary Blends with Poly(butylene succinate) and Poly( $\mu$ -caprolactone). <i>Macromolecules</i> , 2020, 53, 1726-1735.	2.2	16
98	Synthesis, Structure, and Crystallization Behavior of Amphiphilic Heteroarm Molecular Brushes with Crystallizable Poly(ethylene oxide) and n-Alkyl Side Chains. <i>Macromolecules</i> , 2020, 53, 1585-1595.	2.2	18
99	Interphase Design of Cellulose Nanocrystals/Poly(hydroxybutyrate- <i>ran</i> -valerate) Bionanocomposites for Mechanical and Thermal Properties Tuning. <i>Biomacromolecules</i> , 2020, 21, 1892-1901.	2.6	17
100	Fully Reversible Spherulitic Morphology in Cationically Photopolymerized DGEBA/PCL Shape-Memory Blends. <i>Macromolecules</i> , 2020, 53, 1368-1379.	2.2	12
101	Polymorphism and Multiple Melting Behavior of Bio-Based Poly(propylene 2,5-furandicarboxylate). <i>Biomacromolecules</i> , 2020, 21, 2622-2634.	2.6	32
102	Toward the Prediction and Control of Glass Transition Temperature for Donor-Acceptor Polymers. <i>Advanced Functional Materials</i> , 2020, 30, 2002221.	7.8	46
103	Multimorphous Phases in Diketopyrrolopyrrole-Based Conjugated Polymers: From Bulk to Ultrathin Films. <i>Macromolecules</i> , 2020, 53, 4480-4489.	2.2	18
104	Thermal degradation of high-impact polystyrene with pro-oxidant additives. <i>Polymer Bulletin</i> , 2019, 76, 1489-1515.	1.7	11
105	Polyethylene terephthalate/low density polyethylene/titanium dioxide blend nanocomposites: Morphology, crystallinity, rheology, and transport properties. <i>Journal of Applied Polymer Science</i> , 2019, 136, 46986.	1.3	23
106	Nucleation of Poly(lactide) on the Surface of Different Fibers. <i>Macromolecules</i> , 2019, 52, 6274-6284.	2.2	35
107	Crystallization Kinetics of Poly(ethylene oxide) under Confinement in Nanoporous Alumina Studied by in Situ X-ray Scattering and Simulation. <i>Langmuir</i> , 2019, 35, 11799-11808.	1.6	12
108	Effects and limits of highly efficient nucleating agents in thermoplastic polyurethane. <i>Polymer</i> , 2019, 180, 121676.	1.8	15

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109	Elaboration and Characterization of Conductive Polymer Nanocomposites with Potential Use as Electrically Driven Membranes. <i>Polymers</i> , 2019, 11, 1180.	2.0	4
110	Nucleation and Crystallization of PA6 Composites Prepared by T-RTM: Effects of Carbon and Glass Fiber Loading. <i>Polymers</i> , 2019, 11, 1680.	2.0	22
111	Tailoring the isothermal crystallization kinetics of isodimorphic poly (butylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 667 Td (0 121863.	1.8	27
112	Generating Triple Crystalline Superstructures in Melt Miscible PEO- <i>b</i> -PCL- <i>b</i> -PLLA Triblock Terpolymers by Controlling Thermal History and Sequential Crystallization. <i>Macromolecular Chemistry and Physics</i> , 2019, 220, 1900292.	1.1	12
113	How Confinement Affects the Nucleation, Crystallization, and Dielectric Relaxation of Poly(butylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 667 Td (0 2019, 35, 15168-15179.	1.6	15
114	The Effect of Titanium Dioxide Surface Modification on the Dispersion, Morphology, and Mechanical Properties of Recycled PP/PET/TiO <sub>2</sub> PBNANOs. <i>Polymers</i> , 2019, 11, 1692.	2.0	10
115	Nucleation and Crystallization in Bio-Based Immiscible Polyester Blends. <i>Advances in Polymer Science</i> , 2019, , 219-256.	0.4	8
116	Organocatalyzed Polymerization of PET- <i>b</i> -poly(oxyhexane) Copolymers and Their Self-Assembly into Double Crystalline Superstructures. <i>Macromolecules</i> , 2019, 52, 6834-6848.	2.2	15
117	Crystallization kinetics as a sensitive tool to detect degradation in poly(lactide)/poly( $\mu$ -caprolactone)/PCL-co-PC copolymers blends. <i>Polymer Degradation and Stability</i> , 2019, 168, 108939.	2.7	13
118	Segmental Dynamics Govern the Cold Crystallization of Poly(lactic acid) in Nanoporous Alumina. <i>Macromolecules</i> , 2019, 52, 6904-6912.	2.2	30
119	Nanostructured hybrid fluids of amphiphilic diblock copolymers and surfactant worm-like micelles complexes. <i>European Polymer Journal</i> , 2019, 113, 395-403.	2.6	0
120	Polyether Synthesis by Bulk Self-Condensation of Diols Catalyzed by Non-Eutectic Acid-Base Organocatalysts. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 4103-4111.	3.2	37
121	Crystallization and self-nucleation of PLA, PBS and PCL in their immiscible binary and ternary blends. <i>Thermochimica Acta</i> , 2019, 677, 117-130.	1.2	34
122	The effect of composition on the rheological behavior of commercial chocolates. <i>LWT - Food Science and Technology</i> , 2019, 111, 744-750.	2.5	23
123	Isothermal Crystallization Kinetics and Morphology of Double Crystalline PCL/PBS Blends Mixed with a Polycarbonate/MWCNTs Masterbatch. <i>Polymers</i> , 2019, 11, 682.	2.0	10
124	Isomorphic Polyoxyalkylene Copolyethers Obtained by Copolymerization of Aliphatic Diols. <i>Macromolecules</i> , 2019, 52, 3506-3515.	2.2	27
125	How cyclic chain topology can reduce the crystallization rate of poly(3-hexylthiophene) and promote the formation of liquid crystalline phases in comparison with linear analogue chains. <i>Journal of Materials Chemistry C</i> , 2019, 7, 6548-6558.	2.7	9
126	Cover Image, Volume 68, Issue 2. <i>Polymer International</i> , 2019, 68, i-i.	1.6	0



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127	A high performance SnO <sub>2</sub> /C nanocomposite cathode for aluminum-ion batteries. <i>Journal of Materials Chemistry A</i> , 2019, 7, 7213-7220.	5.2	73
128	The Critical Role of Electron-Donating Thiophene Groups on the Mechanical and Thermal Properties of Donor-Acceptor Semiconducting Polymers. <i>Advanced Electronic Materials</i> , 2019, 5, 1800899.	2.6	89
129	Characterization of Hydrogen Bonding Formation and Breaking in Semiconducting Polymers under Mechanical Strain. <i>Macromolecules</i> , 2019, 52, 2476-2486.	2.2	54
130	PET- <i>ran</i> -PLA Partially Degradable Random Copolymers Prepared by Organocatalysis: Effect of Poly( <i>l</i> -lactic acid) Incorporation on Crystallization and Morphology. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 8647-8659.	3.2	28
131	Multi-scale ordering in highly stretchable polymer semiconducting films. <i>Nature Materials</i> , 2019, 18, 594-601.	13.3	251
132	Effect of Chemical Structure and Salt Concentration on the Crystallization and Ionic Conductivity of Aliphatic Polyethers. <i>Polymers</i> , 2019, 11, 452.	2.0	23
133	Correlation between Grafting Density and Confined Crystallization Behavior of Poly(ethylene glycol) Grafted to Silica. <i>Macromolecules</i> , 2019, 52, 1505-1516.	2.2	45
134	Synthesis of Aromatic-Aliphatic Polyesters by Enzymatic Ring Opening Polymerization of Cyclic Oligoesters and their Cyclodepolymerization for a Circular Economy. <i>ACS Applied Polymer Materials</i> , 2019, 1, 321-325.	2.0	16
135	Influence of Chain Primary Structure and Topology (Branching) on Crystallization and Thermal Properties: The Case of Polysulfides. <i>Macromolecules</i> , 2019, 52, 2093-2104.	2.2	13
136	Effects of Hairy Nanoparticles on Polymer Crystallization Kinetics. <i>Macromolecules</i> , 2019, 52, 9186-9198.	2.2	27
137	Differential scanning calorimetry study of cross-nucleation between polymorphs in isotactic poly(1-butene). <i>Polymer International</i> , 2019, 68, 257-262.	1.6	4
138	Influence of Chain Topology (Cyclic versus Linear) on the Nucleation and Isothermal Crystallization of Poly( <i>l</i> -lactide) and Poly( <i>d</i> -lactide). <i>Macromolecules</i> , 2018, 51, 1718-1732.	2.2	68
139	Crystallization of isodimorphic aliphatic random copolyesters: Pseudo-eutectic behavior and double-crystalline materials. <i>European Polymer Journal</i> , 2018, 101, 233-247.	2.6	65
140	Organocatalysed depolymerisation of PET in a fully sustainable cycle using thermally stable protic ionic salt. <i>Green Chemistry</i> , 2018, 20, 1205-1212.	4.6	182
141	Reversible Lamellar Periodic Structures Induced by Sequential Crystallization/Melting in PBS- <i>co</i> -PCL Multiblock Copolymer. <i>Macromolecules</i> , 2018, 51, 1100-1109.	2.2	27
142	Dependences of Confining Size and Interfacial Curvature on the Glass Transition of Polydimethylsiloxane in Self-Assembled Block Copolymers. <i>Macromolecular Chemistry and Physics</i> , 2018, 219, 1700518.	1.1	1
143	Crystallization kinetics of polylactide: Reactive plasticization and reprocessing effects. <i>Polymer Degradation and Stability</i> , 2018, 148, 56-66.	2.7	15
144	A thin TiO <sub>2</sub> NTs/GO hybrid membrane applied as an interlayer for lithium-sulfur batteries. <i>RSC Advances</i> , 2018, 8, 429-434.	1.7	29

#	ARTICLE	IF	CITATIONS
145	Rheology of self-nucleated poly( $\epsilon$ -caprolactone) melts. <i>European Polymer Journal</i> , 2018, 99, 495-503.	2.6	42
146	Differences between Isotropic and Self-Nucleated PCL Melts Detected by Dielectric Experiments. <i>Macromolecules</i> , 2018, 51, 3663-3671.	2.2	56
147	Polymer crystallinity and crystallization kinetics via benchtop $^1\text{H}$ NMR relaxometry: Revisited method, data analysis, and experiments on common polymers. <i>Polymer</i> , 2018, 145, 162-173.	1.8	25
148	Screening of different organocatalysts for the sustainable synthesis of PET. <i>European Polymer Journal</i> , 2018, 104, 170-176.	2.6	36
149	Interfacial nucleation in iPP/PB-1 blends promotes the formation of polybutene-1 trigonal crystals. <i>Polymer</i> , 2018, 138, 396-406.	1.8	43
150	Ion-macromolecule interactions studied with model polyurethanes. <i>Journal of Colloid and Interface Science</i> , 2018, 509, 102-112.	5.0	2
151	Synthesis and characterization of isocyanate-free polyureas. <i>Green Chemistry</i> , 2018, 20, 243-249.	4.6	40
152	Thermal and UV degradation of polypropylene with prooxidant. Abiotic characterization. <i>Journal of Applied Polymer Science</i> , 2018, 135, 46088.	1.3	17
153	Comparing Crystallization Kinetics between Polyamide 6 and Polyketone via Chip Calorimeter Measurement. <i>Macromolecular Chemistry and Physics</i> , 2018, 219, 1700385.	1.1	18
154	Effect of hydrogen bonding on the physicochemical and rheological features of chemically modified phenoxy. <i>Polymer</i> , 2018, 159, 12-22.	1.8	7
155	Uniaxial and Mixed Orientations of Poly(ethylene oxide) in Nanoporous Alumina Studied by X-ray Pole Figure Analysis. <i>Macromolecules</i> , 2018, 51, 9484-9493.	2.2	18
156	Tuning the Thermal Properties and Morphology of Isodimorphic Poly[(butylene) Tj ETQqO O O rgBT /Overlock 10 Tf 50 307 Td (succinate) Thermal History. <i>Macromolecules</i> , 2018, 51, 9589-9601.	2.2	32
157	Novel Biobased Polyamide 410/Polyamide 6/CNT Nanocomposites. <i>Polymers</i> , 2018, 10, 986.	2.0	27
158	Conformational Transitions of Polymer Chains in Solutions Characterized by Fluorescence Resonance Energy Transfer. <i>Polymers</i> , 2018, 10, 1007.	2.0	8
159	Review on PCL, PBS, and PCL/PBS blends containing carbon nanotubes. <i>EXPRESS Polymer Letters</i> , 2018, 12, 505-529.	1.1	63
160	Influence of soft block crystallization on microstructural variation of double crystalline poly(etherâ€) Tj ETQqO O O rgBT /Overlock 10 Tf 50 307 Td (succinate) Tj ETQqO O O rgBT /Overlock 10 Tf 50 307 Td (succinate)	9.5	14
161	Probing the Viscoelastic Property of Pseudo Freeâ€Standing Conjugated Polymeric Thin Films. <i>Macromolecular Rapid Communications</i> , 2018, 39, e1800092.	2.0	79
162	Promotion of Self-Nucleation with Latent Form I Nuclei in Polybutene-1 and Its Copolymer. <i>Macromolecules</i> , 2018, 51, 6037-6046.	2.2	40

#	ARTICLE	IF	CITATIONS
163	Interplay between Free Surface and Solid Interface Nucleation on Two-Step Crystallization of Poly(ethylene terephthalate) Thin Films Studied by Fast Scanning Calorimetry. <i>Macromolecules</i> , 2018, 51, 5209-5218.	2.2	26
164	Crystallization and Stereocomplexation of PLA-mb-PBS Multi-Block Copolymers. <i>Polymers</i> , 2018, 10, 8.	2.0	15
165	Unexpected Synthesis of Segmented Poly(hydroxyurea-urethane)s from Dicyclic Carbonates and Diamines by Organocatalysis. <i>Macromolecules</i> , 2018, 51, 5556-5566.	2.2	69
166	CO <sub>2</sub> Selective PolyActive Membrane: Thermal Transitions and Gas Permeance as a Function of Thickness. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 26733-26744.	4.0	22
167	Morphology, Nucleation, and Isothermal Crystallization Kinetics of Poly(Butylene Succinate) Mixed with a Polycarbonate/MWCNT Masterbatch. <i>Polymers</i> , 2018, 10, 424.	2.0	14
168	Crystallization and Morphology of Block Copolymers and Terpolymers With More Than One Crystallizable Block. , 2018, , 123-180.		13
169	Crystallization kinetics of syndiotactic polypropylene confined in nanoporous alumina. <i>Polymer</i> , 2017, 110, 273-283.	1.8	20
170	Highly stretchable polymer semiconductor films through the nanoconfinement effect. <i>Science</i> , 2017, 355, 59-64.	6.0	897
171	Thermorheologically Complex Self-Seeded Melts of Propylene-Ethylene Copolymers. <i>Macromolecules</i> , 2017, 50, 642-651.	2.2	51
172	Tailoring the Structure, Morphology, and Crystallization of Isodimorphic Poly(butylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Td (su History. <i>Macromolecules</i> , 2017, 50, 597-608.	2.2	77
173	The effect of the solvent employed in the synthesis of hydrogels of poly (acrylamide-co-methyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Journal, 2017, 88, 148-160.	2.6	9
174	The Complex Amorphous Phase in Poly(butylene succinate- <i>i</i> -butylene azelate) Isodimorphic Copolyesters. <i>Macromolecules</i> , 2017, 50, 1569-1578.	2.2	34
175	Polycondensation as a Versatile Synthetic Route to Aliphatic Polycarbonates for Solid Polymer Electrolytes. <i>Electrochimica Acta</i> , 2017, 237, 259-266.	2.6	60
176	Self-Associated Polyamide Alloys with Tailored Polymorphism Transition and Lamellar Thickening for Advanced Mechanical Application. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 19238-19247.	4.0	18
177	Can poly( $\mu$ -caprolactone) crystals nucleate glassy polylactide?. <i>CrystEngComm</i> , 2017, 19, 3178-3191.	1.3	18
178	Poly(butylene succinate- <i>ran</i> - $\mu$ -caprolactone) copolyesters: Enzymatic synthesis and crystalline isodimorphic character. <i>European Polymer Journal</i> , 2017, 95, 795-808.	2.6	41
179	Dielectric, mechanical and transport properties of bisphenol A polycarbonate/graphene nanocomposites prepared by melt blending. <i>Journal of Applied Polymer Science</i> , 2017, 134, .	1.3	26
180	Competition between supernucleation and plasticization in the crystallization and rheological behavior of PCL/CNT-based nanocomposites and nanohybrids. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2017, 55, 1310-1325.	2.4	15

#	ARTICLE	IF	CITATIONS
181	Phase separation dynamics of a poly(vinyl methyl ether)/polystyrene (<scp>PVME/PS</scp>) blend studied by ultrafast differential scanning calorimetry. Journal of Polymer Science, Part B: Polymer Physics, 2017, 55, 1357-1364.	2.4	8
182	The effect of microstructural evolution during deformation on the post-yielding behavior of self-associated polyamide blends. Polymer, 2017, 117, 231-242.	1.8	20
183	Acceleration of Crystal Growth of Amorphous Griseofulvin by Low-Concentration Poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 2262-2272.	2.3	34
184	Probing into the epitaxial crystallization of $\hat{I}^2$ form isotactic polypropylene: From experimental observations to molecular mechanics computation. Journal of Polymer Science, Part B: Polymer Physics, 2017, 55, 418-424.	2.4	16
185	Contribution of the Polarity of Mussel-Inspired Adhesives in the Realization of Strong Underwater Bonding. ACS Biomaterials Science and Engineering, 2017, 3, 3133-3140.	2.6	46
186	Clarifying the Origin of Multiple Melting of Segmented Thermoplastic Polyurethanes by Fast Scanning Calorimetry. Macromolecules, 2017, 50, 7672-7680.	2.2	42
187	Crystallization behavior of precision polymers containing azobenzene defects. European Polymer Journal, 2017, 97, 299-307.	2.6	23
188	Direct Relationship Between Interfacial Microstructure and Confined Crystallization in Poly(Ethylene Oxide)/Silica Composites: The Study of Polymer Molecular Weight Effects. Journal of Polymer Science, Part B: Polymer Physics, 2017, 55, 1608-1616.	2.4	16
189	Trilayered Morphology of an ABC Triple Crystalline Triblock Terpolymer. Macromolecules, 2017, 50, 7268-7281.	2.2	32
190	Crystallization kinetics of ethylene-co-propylene rubber/isotactic polypropylene blend investigated via chip-calorimeter measurement. European Polymer Journal, 2017, 96, 79-86.	2.6	13
191	Nucleating efficiency and thermal stability of industrial non-purified lignins and ultrafine talc in poly(lactic acid) (PLA). Polymer Degradation and Stability, 2017, 142, 244-254.	2.7	43
192	Associated inter- and intrachain conformational transitions in polystyrene solutions. Journal of Polymer Science, Part B: Polymer Physics, 2017, 55, 1373-1379.	2.4	5
193	How the Complex Interplay between Different Blocks Determines the Isothermal Crystallization Kinetics of Triple-Crystalline PEO-b-PCL-b-PLLA Triblock Terpolymers. Macromolecules, 2017, 50, 9683-9695.	2.2	35
194	Reexamining the Crystallization of Poly( $\hat{\mu}$ -caprolactone) and Isotactic Polypropylene under Hard Confinement: Nucleation and Orientation. Macromolecules, 2017, 50, 9015-9023.	2.2	40
195	Selective Acceleration of Crystal Growth of Indomethacin Polymorphs by Low-Concentration Poly(ethylene oxide). Molecular Pharmaceutics, 2017, 14, 4694-4704.	2.3	22
196	Supernucleation and Orientation of Poly(butylene terephthalate) Crystals in Nanocomposites Containing Highly Reduced Graphene Oxide. Macromolecules, 2017, 50, 9380-9393.	2.2	34
197	Nanostructures and Dynamics of Isochorically Confined Amorphous Drug Mediated by Cooling Rate, Interfacial, and Intermolecular Interactions. Journal of Physical Chemistry B, 2017, 121, 10704-10716.	1.2	16
198	A Cold-Flow Process for Fabricating a High-Volumetric-Energy-Density Anode for Lithium-Ion Batteries. Advanced Materials Technologies, 2017, 2, 1600156.	3.0	8

#	ARTICLE	IF	CITATIONS
199	Synthesis of Site-Specific Dye-Labeled Polymer via Atom Transfer Radical Polymerization (ATRP) for Quantitative Characterization of the Well-Defined Interchain Distance. <i>Macromolecular Rapid Communications</i> , 2017, 38, 1600568.	2.0	8
200	The influence of paraffin wax addition on the isothermal crystallization of LLDPE. <i>Journal of Applied Polymer Science</i> , 2017, 134, .	1.3	7
201	Morphology, Nucleation, and Isothermal Crystallization Kinetics of Poly( $\mu$ -caprolactone) Mixed with a Polycarbonate/MWCNTs Masterbatch. <i>Polymers</i> , 2017, 9, 709.	2.0	20
202	Implications of Non-Equilibrium State Glass Transitions on Carbohydrate Polymers. , 2017, , 175-207.		4
203	Influence of composition on the isothermal crystallisation of segmented thermoplastic polyurethanes. <i>CrystEngComm</i> , 2017, 19, 4720-4733.	1.3	28
204	Special Issue in: Organocatalyzed polymerizations. <i>European Polymer Journal</i> , 2017, 95, 625-627.	2.6	0
205	Synthesis of polymer with defined fluorescent end groups via reversible addition fragmentation transfer polymerization for characterizing the conformations of polymer chains in solutions. <i>Journal of Polymer Science Part A</i> , 2016, 54, 2413-2420.	2.5	15
206	A complete TSDC description of molecular mobilities in polylactide/starch blends from local to normal modes: Effect of composition, moisture, and crystallinity. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2016, 54, 680-691.	2.4	15
207	Plasticization and cocrystallization in LLDPE/wax blends. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2016, 54, 1469-1482.	2.4	24
208	Hierarchically Diminishing Chirality Effects on Lamellar Assembly in Spherulites Comprising Chiral Polymers. <i>Macromolecules</i> , 2016, 49, 2698-2708.	2.2	41
209	Interplay between poly(ethylene oxide) and poly(L-lactide) blocks during diblock copolymer crystallization. <i>CrystEngComm</i> , 2016, 18, 3635-3649.	1.3	19
210	Tailoring the Morphology and Melting Points of Segmented Thermoplastic Polyurethanes by Self-Nucleation. <i>Macromolecules</i> , 2016, 49, 7952-7964.	2.2	63
211	Oil-based self-degradable gels as diverting agents for oil well operations. <i>Journal of Petroleum Science and Engineering</i> , 2016, 146, 874-882.	2.1	21
212	Linear and non-linear rheological behavior of polypropylene/polyamide blends modified with a compatibilizer agent and nanosilica and its relationship with the morphology. <i>European Polymer Journal</i> , 2016, 83, 10-21.	2.6	43
213	Application of SSA thermal fractionation and X-ray diffraction to elucidate comonomer inclusion or exclusion from the crystalline phases in poly(butylene succinate-ran-butylene azelate) random copolymers. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2016, 54, 2346-2358.	2.4	25
214	Probing the early stages of thermal fractionation by successive self-nucleation and annealing performed with fast scanning chip-calorimetry. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2016, 54, 2200-2209.	2.4	17
215	Synthesis and Characterization of Double Crystalline Cyclic Diblock Copolymers of Poly( $\mu$ -caprolactone) and Poly(L-lactide) (PCL- <i>b</i> -PL(D)LA). <i>Macromolecular Rapid Communications</i> , 2016, 37, 1676-1681.	2.0	22
216	Tailoring the properties of PP/PA6 nanostructured blends by the addition of nanosilica and compatibilizer agents. <i>European Polymer Journal</i> , 2016, 85, 532-552.	2.6	34

#	ARTICLE	IF	CITATIONS
217	New Double-Infiltration Methodology to Prepare PCL-PS Core-Shell Nanocylinders Inside Anodic Aluminum Oxide Templates. <i>Langmuir</i> , 2016, 32, 7860-7865.	1.6	13
218	Structural Transitions in Solution-Cast Films of a New AABB Type Thiophene Copolymer. <i>Macromolecules</i> , 2016, 49, 8653-8660.	2.2	5
219	The role of PLLA-g-montmorillonite nanohybrids in the acceleration of the crystallization rate of a commercial PLA. <i>CrystEngComm</i> , 2016, 18, 9334-9344.	1.3	19
220	Low-temperature processing of polymer nanoparticles for bioactive composites. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2016, 54, 2514-2520.	2.4	8
221	Dynamic rheology and relaxation time spectra of oil-based self-degradable gels. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2016, 54, 433-444.	2.4	6
222	The influence of small amounts of linear polycaprolactone chains on the crystallization of cyclic analogue molecules. <i>RSC Advances</i> , 2016, 6, 48049-48063.	1.7	29
223	New habits in branched polyethylene single crystals. <i>European Polymer Journal</i> , 2016, 80, 169-174.	2.6	5
224	Non-monotonic molecular weight dependence of crystallization rates of linear and cyclic poly( $\epsilon$ -caprolactone)s in a wide temperature range. <i>Polymer International</i> , 2016, 65, 1074-1079.	1.6	28
225	Hydrolytic degradation of nanocomposites based on poly(lactide) and layered double hydroxides modified with a model drug. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	1.3	17
226	Sequential crystallization and morphology of triple crystalline biodegradable PEO-b-PCL-b-PLLA triblock terpolymers. <i>RSC Advances</i> , 2016, 6, 4739-4750.	1.7	19
227	Introduction to the "The effects of confinement on polymeric thermal transitions and nanostructuring" Special Volume. <i>Progress in Polymer Science</i> , 2016, 54-55, 1-2.	11.8	2
228	Low-temperature crystallization of P(VDF-TrFE-CFE) studied by Flash DSC. <i>Polymer</i> , 2016, 84, 319-327.	1.8	35
229	Effect of sugar addition on glass transition temperatures of cassava starch with low to intermediate moisture contents. <i>Carbohydrate Polymers</i> , 2016, 146, 231-237.	5.1	24
230	Plasticization and anti-plasticization effects caused by poly(lactide-ran-caprolactone) addition to double crystalline poly(lactide)/poly( $\mu$ -caprolactone) blends. <i>CrystEngComm</i> , 2016, 18, 2014-2023.	1.3	21
231	Confined crystallization of polymeric materials. <i>Progress in Polymer Science</i> , 2016, 54-55, 183-213.	11.8	257
232	The influence of concentration and pH on the structure and rheology of cationic surfactant/hydrotrope structured fluids. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 489, 311-321.	2.3	32
233	Effect of geometric curvature on vitrification behavior for polymer nanotubes confined in anodic aluminum oxide templates. <i>Physical Review E</i> , 2015, 92, 032306.	0.8	31
234	Nucleation, Crystallization, and Thermal Fractionation of Poly( $\mu$ -Caprolactone)-Grafted-Lignin: Effects of Grafted Chains Length and Lignin Content. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2015, 53, 1736-1750.	2.4	38

#	ARTICLE	IF	CITATIONS
235	The influence of short-chain branching on the morphology and structure of polyethylene single crystals. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2015, 53, 1751-1762.	2.4	11
236	Reorganization of Lamellar Diblock Copolymer Poly( $\mu$ -caprolactone)- <i>block</i> -poly(4-vinylpyridine) in the Melting Temperature Range. <i>Macromolecular Chemistry and Physics</i> , 2015, 216, 2211-2220.	1.1	3
237	The outstanding ability of nanosilica to stabilize dispersions of Nylon 6 droplets in a polypropylene matrix. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2015, 53, 1567-1579.	2.4	22
238	Thermal and tensile properties of corn semolina-protein blends in the glassy state. <i>Journal of Food Engineering</i> , 2015, 165, 93-103.	2.7	5
239	How Composition Determines the Properties of Isodimorphic Poly(butylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 587 Td (successive) Crystalline Random Copolymers. <i>Macromolecules</i> , 2015, 48, 43-57.	2.2	105
240	Successive Self-nucleation and Annealing (SSA): Correct design of thermal protocol and applications. <i>European Polymer Journal</i> , 2015, 65, 132-154.	2.6	139
241	Evolution of Crystal Orientation in One-Dimensionally Confined Space Templated by Lamellae-Forming Block Copolymers. <i>Macromolecules</i> , 2015, 48, 4451-4460.	2.2	20
242	Self-assembly of semicrystalline PE-b-PS diblock copolymers within AAO nanoporous templates. <i>Polymer</i> , 2015, 70, 282-289.	1.8	13
243	Confined Nucleation and Crystallization Kinetics in Lamellar Crystalline-Amorphous Diblock Copolymer Poly( $\mu$ -caprolactone)-b-poly(4-vinylpyridine). <i>Macromolecules</i> , 2015, 48, 1804-1812.	2.2	25
244	Comparing crystallization rates between linear and cyclic poly(epsilon-caprolactones) via fast-scan chip-calorimeter measurements. <i>Polymer</i> , 2015, 63, 34-40.	1.8	45
245	Enhanced Crystallization from the Glassy State of Poly(L-lactic acid) Confined in Anodic Alumina Oxide Nanopores. <i>Macromolecules</i> , 2015, 48, 2526-2533.	2.2	54
246	Glass Transitions of Poly(methyl methacrylate) Confined in Nanopores: Conversion of Three- and Two-Layer Models. <i>Journal of Physical Chemistry B</i> , 2015, 119, 5047-5054.	1.2	40
247	Nanoporous iron oxide@carbon composites with low carbon content as high-performance anodes for lithium-ion batteries. <i>RSC Advances</i> , 2015, 5, 89092-89098.	1.7	5
248	Self-Nucleation of Crystalline Phases Within Homopolymers, Polymer Blends, Copolymers, and Nanocomposites. <i>Advances in Polymer Science</i> , 2015, , 215-256.	0.4	84
249	Crystallization of Cyclic Polymers. <i>Advances in Polymer Science</i> , 2015, , 93-132.	0.4	17
250	Degradation of styrene butadiene rubber (SBR) in anaerobic conditions. <i>Polymer Degradation and Stability</i> , 2015, 111, 159-168.	2.7	10
251	Growth of Polymer Nanorods with Different Core-Shell Dynamics via Capillary Force in Nanopores. <i>Macromolecules</i> , 2014, 47, 8722-8728.	2.2	22
252	Integration of ultrafast scanning calorimetry with micro-Raman spectroscopy for investigation of metastable materials. <i>Review of Scientific Instruments</i> , 2014, 85, 074901.	0.6	21

#	ARTICLE	IF	CITATIONS
253	Confined crystallization of polymers within anodic aluminum oxide templates. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2014, 52, 1179-1194.	2.4	64
254	Crystallization behavior of polyethylene/polystyrene A <sub>m</sub> B <sub>n</sub> miktoarm star copolymers. <i>Polymers for Advanced Technologies</i> , 2014, 25, 1257-1263.	1.6	2
255	Confinement Induced First Order Crystallization Kinetics for the Poly(ethylene oxide) Block within A PEO- <i>b</i> -PBDiblock Copolymer Infiltrated within Alumina Nanoporous Template. <i>Macromolecular Symposia</i> , 2014, 337, 109-115.	0.4	9
256	Fast-scan chip-calorimeter measurement on the melting behaviors of melt-crystallized syndiotactic polystyrene. <i>Journal of Thermal Analysis and Calorimetry</i> , 2014, 118, 1531-1536.	2.0	9
257	Computer simulations of the early stages of crystal nucleation of linear and short chain branched polyethylene on carbon nanotubes. <i>European Polymer Journal</i> , 2014, 56, 194-204.	2.6	15
258	Relaxation time spectra from short frequency range small-angle dynamic rheometry. <i>Rheologica Acta</i> , 2014, 53, 385-399.	1.1	4
259	Kinetics of Cross-Nucleation in Isotactic Poly(1-butene). <i>Macromolecules</i> , 2014, 47, 870-873.	2.2	47
260	Nucleation, crystallization, self-nucleation and thermal fractionation of cyclic and linear poly( $\mu$ -caprolactone)s. <i>Reactive and Functional Polymers</i> , 2014, 80, 71-82.	2.0	96
261	Self-nucleation of isotactic poly(1-butene) in the trigonal modification. <i>Polymer</i> , 2014, 55, 137-142.	1.8	78
262	Probing the interfacial molecular packing in TIPS-pentacene organic semiconductors by surface enhanced Raman scattering. <i>Journal of Materials Chemistry C</i> , 2014, 2, 2985-2991.	2.7	27
263	CHAPTER 3. Crystallization of PLA-based Materials. <i>RSC Polymer Chemistry Series</i> , 2014, , 66-98.	0.1	29
264	Double Glass Transition Temperatures of Poly(methyl methacrylate) Confined in Alumina Nanotube Templates. <i>Macromolecules</i> , 2014, 47, 297-303.	2.2	112
265	Influence of Chain Branching and Molecular Weight on Melt Rheology and Crystallization of Polyethylene/Carbon Nanotube Nanocomposites. <i>Macromolecules</i> , 2014, 47, 5668-5681.	2.2	49
266	Complex microstructures of ABC triblock copolymer thin films directed by polymer brushes based on self-consistent field theory. <i>Nanoscale Research Letters</i> , 2014, 9, 359.	3.1	5
267	Glass transitions and physical aging of cassava starch "Corn oil blends. <i>Carbohydrate Polymers</i> , 2014, 105, 244-252.	5.1	11
268	Nucleation and Antinucleation Effects of Functionalized Carbon Nanotubes on Cyclic and Linear Poly( $\mu$ -caprolactones). <i>Macromolecules</i> , 2014, 47, 3553-3566.	2.2	70
269	On cross- and self-nucleation in seeded crystallization of isotactic poly(1-butene). <i>Polymer</i> , 2013, 54, 4637-4644.	1.8	59
270	Stereocomplexation of Polylactide Enhanced by Poly(methyl methacrylate): Improved Processability and Thermomechanical Properties of Stereocomplexable Polylactide-Based Materials. <i>ACS Applied Materials &amp; Interfaces</i> , 2013, 5, 11797-11807.	4.0	85



#	ARTICLE	IF	CITATIONS
271	A transient polymorph transition of 4-cyano-4'-octyloxybiphenyl (8OCB) revealed by ultrafast differential scanning calorimetry (UFDSC). <i>Soft Matter</i> , 2013, 9, 1488-1491.	1.2	19
272	Abiotic degradation of LDPE and LLDPE formulated with a pro-oxidant additive. <i>Polymer Degradation and Stability</i> , 2013, 98, 490-501.	2.7	82
273	Anti-plasticization of cassava starch by complexing fatty acids. <i>Carbohydrate Polymers</i> , 2013, 98, 659-664.	5.1	21
274	New insights on the crystallization and melting of cyclic PCL chains on the basis of a modified Thomson's Gibbs equation. <i>Polymer</i> , 2013, 54, 846-859.	1.8	82
275	Thermal, structural and rheological characteristics of dark chocolate with different compositions. <i>Journal of Food Engineering</i> , 2013, 116, 97-108.	2.7	88
276	Monitoring abiotic degradation of branched polyethylenes formulated with pro-oxidants through different mechanical tests. <i>Polymer Degradation and Stability</i> , 2013, 98, 1705-1716.	2.7	10
277	Confinement effects on polymer crystallization: From droplets to alumina nanopores. <i>Polymer</i> , 2013, 54, 4059-4077.	1.8	168
278	The influence of nanosilica on the nucleation, crystallization and tensile properties of PP/PC and PP/PA blends. <i>Polymer</i> , 2013, 54, 3982-3993.	1.8	72
279	Instability of styrene/polystyrene/polybutadiene/polystyrene-polybutadiene emulsions that emulate styrene polymerization in the presence of polybutadiene. <i>Polymer Engineering and Science</i> , 2013, 53, 1886-1900.	1.5	5
280	Effect of two different lipid sources on glass transition temperatures and tensile properties of corn semolina. <i>Journal of Food Engineering</i> , 2012, 113, 265-274.	2.7	18
281	The Crystallization of Confined Polymers and Block Copolymers Infiltrated Within Alumina Nanotube Templates. <i>Macromolecules</i> , 2012, 45, 1517-1528.	2.2	120
282	Novel poly(ester-urethane)s based on polylactide: From reactive extrusion to crystallization and thermal properties. <i>Polymer</i> , 2012, 53, 5657-5665.	1.8	27
283	Evaluation of the potential of novel PCL-PPDX biodegradable scaffolds as support materials for cartilage tissue engineering. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2012, 6, 272-279.	1.3	14
284	Glass transition temperatures of cassava starch-whey protein concentrate systems at low and intermediate water content. <i>Carbohydrate Polymers</i> , 2012, 87, 1375-1382.	5.1	22
285	Supernucleation and crystallization regime change provoked by MWNT addition to poly( $\mu$ -caprolactone). <i>Polymer</i> , 2012, 53, 832-841.	1.8	106
286	Isothermal Cold Crystallization of PLA/PBAT Blends With and Without the Addition of Acetyl Tributyl Citrate. <i>Macromolecular Chemistry and Physics</i> , 2012, 213, 36-48.	1.1	88
287	Shear-thickening behavior of high molecular weight poly(ethylene oxide) solutions. <i>Rheologica Acta</i> , 2012, 51, 13-20.	1.1	20
288	Tracking the interdiffusion of polymers at a molecular level by $^1\text{H}$ dipolar filter solid-state NMR under fast magic angle spinning. <i>Soft Matter</i> , 2011, 7, 691-697.	1.2	13

#	ARTICLE	IF	CITATIONS
289	Lower Critical Ordering Transition of Poly(ethylene oxide)- <i>block</i> -poly(2-vinylpyridine). <i>Macromolecules</i> , 2011, 44, 440-443.	2.2	25
290	A Comparative Study on the Crystallization Behavior of Analogous Linear and Cyclic Poly( $\mu$ -caprolactones). <i>Macromolecules</i> , 2011, 44, 1742-1746.	2.2	81
291	Orthogonal Crystal Orientation in Double-Crystalline Block Copolymer. <i>Macromolecules</i> , 2011, 44, 6875-6884.	2.2	23
292	Critical Analysis of the Crystal Orientation Behavior in Polyethylene-Based Crystalline $\sim$ Amorphous Diblock Copolymer. <i>Journal of Physical Chemistry B</i> , 2011, 115, 2494-2502.	1.2	24
293	Universality and Percolation in Biodegradable Poly( $\mu$ -caprolactone)/Multiwalled Carbon Nanotube Nanocomposites from Broad Band Alternating and Direct Current Conductivity at Various Temperatures. <i>Macromolecules</i> , 2011, 44, 2819-2828.	2.2	48
294	Single crystals morphology of biodegradable double crystalline PLLA-b-PCL diblock copolymers. <i>Polymer</i> , 2011, 52, 5166-5177.	1.8	42
295	Use of the successive self-nucleation and annealing technique to characterize 60Co gamma irradiated HDPEs. <i>Journal of Thermal Analysis and Calorimetry</i> , 2011, 103, 669-678.	2.0	17
296	Effects of corn oil on glass transition temperatures of cassava starch. <i>Carbohydrate Polymers</i> , 2011, 85, 875-884.	5.1	46
297	Determination of Moisture Sorption Characteristics of Oat Flour by Static and Dynamic Techniques with and Without Thymol as an Antimicrobial Agent. <i>Food Biophysics</i> , 2011, 6, 424-432.	1.4	15
298	Crystallization and stereocomplexation behavior of poly(D $\cdot$ and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Td (<sc>L</sc>/s copolymers. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2011, 49, 1397-1409.	2.4	30
299	The Influence of Blend Morphology (Co $\in$ Continuous or Sub $\in$ Micrometer Droplets Dispersions) on the Nucleation and Crystallization Kinetics of Double Crystalline Polyethylene/Polyamide Blends Prepared by Reactive Extrusion. <i>Macromolecular Chemistry and Physics</i> , 2011, 212, 1335-1350.	1.1	40
300	SAXS/DSC Analysis of the Lamellar Thickness Distribution on a SSA Thermally Fractionated Model Polyethylene. <i>Macromolecular Chemistry and Physics</i> , 2011, 212, 2009-2016.	1.1	74
301	Shear rheology of anionic and zwitterionic modified polyacrylamides. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2011, 373, 66-73.	2.3	13
302	Super-nucleation in nanocomposites and confinement effects on the crystallizable components within block copolymers, miktoarm star copolymers and nanocomposites. <i>European Polymer Journal</i> , 2011, 47, 614-629.	2.6	101
303	New dendronized polymers from acrylate Behera amine and their ability to produce visco-elastic structured fluids when mixed with CTAT worm-like micelles. <i>Journal of Colloid and Interface Science</i> , 2011, 357, 147-156.	5.0	20
304	Crystallization and Physical Ageing of Poly (2 $\in$ vinyl pyridine) $\in$ b</i> $\in$ poly(ethylene oxide) Diblock Copolymers. <i>Macromolecular Symposia</i> , 2010, 287, 101-106.	0.4	6
305	The effect of hydrophobic modifications on the adsorption isotherms of cassava starch. <i>Carbohydrate Polymers</i> , 2010, 81, 660-667.	5.1	52
306	Thermoresponsive surface prepared by atom transfer radical polymerization directly from poly(vinylidene fluoride) for control of cell adhesion and detachment. <i>Journal of Applied Polymer Science</i> , 2010, 115, 976-980.	1.3	13

#	ARTICLE	IF	CITATIONS
307	Effect of ionic environment on the rheology of wormlike micelle solutions of mixtures of surfactants with opposite charge. <i>Journal of Colloid and Interface Science</i> , 2010, 342, 103-109.	5.0	31
308	Effect of sequence distribution on the isothermal crystallization kinetics and successive self-nucleation and annealing (SSA) behavior of poly( $\epsilon$ -caprolactone-co- $\epsilon$ -caprolactam) copolymers. <i>European Polymer Journal</i> , 2010, 46, 1334-1344.	2.6	39
309	Crystallization Kinetics and Morphology of Biodegradable Double Crystalline PLLA-PCL Diblock Copolymers. <i>Macromolecules</i> , 2010, 43, 4149-4160.	2.2	163
310	Synthesis of Conducting Polymer Spiral Nanostructures Using a Surfactant Crystallite Template. <i>Macromolecular Chemistry and Physics</i> , 2009, 210, 936-941.	1.1	15
311	Piezoresistive behavior of epoxy matrix-carbon fiber composites with different reinforcement arrangements. <i>Journal of Applied Polymer Science</i> , 2009, 111, 2851-2858.	1.3	12
312	Synthesis of ordered spiral and ring-like polypyrrole nanowires in cetyltrimethylammonium bromide crystalline suspension. <i>Colloid and Polymer Science</i> , 2009, 287, 1325-1330.	1.0	28
313	The effect of NaCl addition on the rheological behavior of cetyltrimethylammonium p-toluenesulfonate (CTAT) aqueous solutions and their mixtures with hydrophobically modified polyacrylamide aqueous solutions. <i>Rheologica Acta</i> , 2009, 48, 163-175.	1.1	23
314	Solutions of xanthan gum/guar gum mixtures: shear rheology, porous media flow, and solids transport in annular flow. <i>Rheologica Acta</i> , 2009, 48, 491-498.	1.1	29
315	Microwave-assisted modification of starch for compatibilizing LLDPE/starch blends. <i>Carbohydrate Polymers</i> , 2009, 75, 343-350.	5.1	51
316	Chip calorimetry for fast cooling and thin films: a review. <i>Frontiers of Chemistry in China: Selected Publications From Chinese Universities</i> , 2009, 4, 229-248.	0.4	16
317	Moisture Sorption Characteristics of Starchy Products: Oat Flour and Rice Flour. <i>Food Biophysics</i> , 2009, 4, 151-157.	1.4	41
318	Thermal Characterization and Phase Behavior of a Ready-to-Eat Breakfast Cereal Formulation and its Starchy Components. <i>Food Biophysics</i> , 2009, 4, 291-303.	1.4	25
319	Surface modification of multiwalled carbon nanotubes with biocompatible polymers via ring opening and living anionic surface initiated polymerization. Kinetics and crystallization behavior. <i>Journal of Polymer Science Part A</i> , 2009, 47, 4379-4390.	2.5	65
320	Crystallization studies on linear aliphatic $\epsilon$ -polyurethanes. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2009, 47, 1368-1380.	2.4	22
321	Glass transition temperatures and water sorption isotherms of cassava starch. <i>Carbohydrate Polymers</i> , 2009, 76, 305-313.	5.1	126
322	Gelation kinetics of an imitation-mortadella emulsion during heat treatment determined by oscillatory rheometry. <i>Journal of Food Engineering</i> , 2009, 95, 677-683.	2.7	19
323	Synthesis and rheological properties of hydrophobically modified polyacrylamides with lateral chains of poly(propylene oxide) oligomers. <i>Journal of Colloid and Interface Science</i> , 2009, 333, 152-163.	5.0	30
324	Synthesis of amphiphilic dendrons and their interactions in aqueous solutions with cetyltrimethylammonium p-toluenesulfonate (CTAT). <i>Journal of Colloid and Interface Science</i> , 2009, 336, 462-469.	5.0	4

#	ARTICLE	IF	CITATIONS
325	Crystallization and morphology of biodegradable or biostable single and double crystalline block copolymers. <i>Progress in Polymer Science</i> , 2009, 34, 516-560.	11.8	227
326	Primary and secondary dielectric relaxations in semi-crystalline and amorphous starch. <i>European Polymer Journal</i> , 2009, 45, 1506-1515.	2.6	12
327	Glass transition temperatures of a ready to eat breakfast cereal formulation and its main components determined by DSC and DMTA. <i>Carbohydrate Polymers</i> , 2009, 76, 528-534.	5.1	47
328	Recent Advances and Applications of "Successive Self-Nucleation and Annealing" (SSA) High Speed Thermal Fractionation. <i>Macromolecular Symposia</i> , 2009, 277, 207-214.	0.4	45
329	Rheology, Processing, Tensile Properties, and Crystallization of Polyethylene/Carbon Nanotube Nanocomposites. <i>Macromolecules</i> , 2009, 42, 4719-4727.	2.2	153
330	Rheological Behavior of Bigrafted Hydrophobically Modified Polyelectrolyte. <i>Macromolecules</i> , 2009, 42, 4914-4917.	2.2	13
331	Influence of Macromolecular Architecture on the Crystallization of (PCL) <sub>2</sub> -b-(PS) <sub>2</sub> 4-Miktoarm Star Block Copolymers in Comparison to Linear PCL-b-PS Diblock Copolymer Analogues. <i>Macromolecules</i> , 2009, 42, 8353-8364.	2.2	43
332	Molecular Mobilities in Biodegradable Poly(dl-lactide)/Poly( $\mu$ -caprolactone) Blends. <i>Macromolecules</i> , 2009, 42, 5219-5225.	2.2	49
333	Effect of Sequence Distribution on the Morphology, Crystallization, Melting, and Biodegradation of Poly( $\mu$ -caprolactone-co- $\mu$ -caprolactam) Copolymers. <i>Macromolecules</i> , 2009, 42, 6671-6681.	2.2	46
334	Estimation of the nucleation and crystal growth contributions to the overall crystallization energy barrier. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2008, 46, 1478-1487.	2.4	113
335	Crystallization Kinetics of PEO and PE in Different Triblock Terpolymers: Effect of Microdomain Geometry and Confinement. <i>Macromolecular Chemistry and Physics</i> , 2008, 209, 476-487.	1.1	31
336	Probing the Contraction and Association of Polystyrene Chains in Semidilute Solution by Non-Radiative Energy Transfer. <i>Macromolecular Rapid Communications</i> , 2008, 29, 160-164.	2.0	4
337	Evaluation of cell affinity on poly(L-lactide) and poly( $\mu$ -caprolactone) blends and on PLLA-b-PCL diblock copolymer surfaces. <i>Journal of Biomedical Materials Research - Part A</i> , 2008, 87A, 405-417.	2.1	34
338	Use of modified poly( $\mu$ -caprolactone) in the compatibilization of poly( $\mu$ -caprolactone)/maize starch blends. <i>Journal of Applied Polymer Science</i> , 2008, 109, 4089-4098.	1.3	8
339	Changes in crystalline morphology, thermal, and mechanical properties with hydrolytic degradation of immiscible biodegradable PPDx/PCL blends. <i>Journal of Applied Polymer Science</i> , 2008, 110, 3848-3858.	1.3	9
340	Synergistic effects in flows of mixtures of wormlike micelles and hydroxyethyl celluloses with or without hydrophobic modifications. <i>Journal of Colloid and Interface Science</i> , 2008, 322, 65-72.	5.0	12
341	Shear rheology and porous media flow of wormlike micelle solutions formed by mixtures of surfactants of opposite charge. <i>Journal of Colloid and Interface Science</i> , 2008, 326, 221-226.	5.0	78
342	Shear and extensional rheology of solutions of mixtures of poly(ethylene oxide) and anionic surfactants in ionic environments. <i>Journal of Colloid and Interface Science</i> , 2008, 326, 254-260.	5.0	11

#	ARTICLE	IF	CITATIONS
343	The effect of the ionic strength on the rheological behavior of hydrophobically modified polyacrylamide aqueous solutions mixed with sodium dodecyl sulfate (SDS) or cetyltrimethylammonium p-toluenesulfonate (CTAT). <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2008, 322, 211-218.	2.3	46
344	Time effects on the rheological behavior of hydrophobically modified polyacrylamide aqueous solutions mixed with sodium dodecyl sulfate (SDS). <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2008, 330, 168-175.	2.3	19
345	Confined Crystallization and Morphology of Melt Segregated PLLA- <i>b</i> -PE and PLDA- <i>b</i> -PE Diblock Copolymers. <i>Macromolecules</i> , 2008, 41, 6154-6164.	2.2	106
346	Thermal Fractionation and Isothermal Crystallization of Polyethylene Nanocomposites Prepared by in Situ Polymerization. <i>Macromolecules</i> , 2008, 41, 2087-2095.	2.2	94
347	Fractionated Crystallization and Fractionated Melting of Confined PEO Microdomains in PB- <i>b</i> -PEO and PE- <i>b</i> -PEO Diblock Copolymers. <i>Macromolecules</i> , 2008, 41, 879-889.	2.2	87
348	Study of Failure Factors for the Collapse of PVDF Pipelines. <i>Microscopy and Microanalysis</i> , 2007, 13, .	0.2	0
349	Thermal and Morphological Characterization of Nanocomposites Prepared by in-Situ Polymerization of High-Density Polyethylene on Carbon Nanotubes. <i>Macromolecules</i> , 2007, 40, 6268-6276.	2.2	192
350	Rheological Study of the Shape Transition of Block Copolymer-Nonionic Surfactant Mixed Micelles. <i>Langmuir</i> , 2007, 23, 11000-11006.	1.6	32
351	Synthesis and Characterization of Novel Linear PB- <i>b</i> -PS- <i>b</i> -PEO and PE- <i>b</i> -PS- <i>b</i> -PEO Triblock Terpolymers. <i>Macromolecules</i> , 2007, 40, 1290-1298.	2.2	31
352	Nucleation and Isothermal Crystallization of the Polyethylene Block within Diblock Copolymers Containing Polystyrene and Poly(ethylene- <i>alt</i> -propylene). <i>Macromolecules</i> , 2007, 40, 5023-5037.	2.2	57
353	Crystallization, Morphology, and Enzymatic Degradation of Polyhydroxybutyrate/Polycaprolactone (PHB/PCL) Blends. <i>Macromolecular Chemistry and Physics</i> , 2007, 208, 924-937.	1.1	85
354	Rheology of aqueous solutions of hydrophobically modified polyacrylamides and surfactants. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2007, 295, 99-106.	2.3	75
355	DSC isothermal polymer crystallization kinetics measurements and the use of the Avrami equation to fit the data: Guidelines to avoid common problems. <i>Polymer Testing</i> , 2007, 26, 222-231.	2.3	552
356	Effect of temperature, moisture and lipid content on the rheological properties of rice flour. <i>Journal of Food Engineering</i> , 2007, 78, 1159-1166.	2.7	54
357	Effect of ionic strength on the rheological behavior of aqueous cetyltrimethylammonium p-toluene sulfonate solutions. <i>Journal of Colloid and Interface Science</i> , 2007, 307, 221-228.	5.0	38
358	Synthesis and morphological characterization of miktoarm star copolymers (PCL) <sub>2</sub> (PS) <sub>2</sub> of poly( $\mu$ -caprolactone) and polystyrene. <i>Journal of Polymer Science Part A</i> , 2007, 45, 5387-5397.	2.5	36
359	Miscibility in poly(L-lactide)- <i>b</i> -poly( $\epsilon$ -caprolactone) double crystalline diblock copolymers. <i>European Physical Journal E</i> , 2007, 23, 295-303.	0.7	39
360	Crystallization in Block Copolymers with More than One Crystallizable Block. , 2007, , 229-259.		53

#	ARTICLE	IF	CITATIONS
361	Desarrollo de prntesis de ncleo pulposo â€” Modelo de elementos finitos de una unidad funcional de la columna vertebral y caracterizacin de materiales. IFMBE Proceedings, 2007, , 681-685.	0.2	0
362	Self-Nucleation Behavior of the Polyethylene Block as Function of the Confinement Degree in Polyethylene-Block-Polystyrene Diblock Copolymers. Macromolecular Symposia, 2006, 240, 114-122.	0.4	25
363	Nucleation and Crystallization of PLDA-b-PE and PLLA-b-PE Diblock Copolymers. Macromolecular Symposia, 2006, 242, 174-181.	0.4	31
364	Effect of annealing time on the self-nucleation behavior of semicrystalline polymers. Journal of Polymer Science, Part B: Polymer Physics, 2006, 44, 1738-1750.	2.4	209
365	Crystallization Kinetics of Homogeneous and Melt Segregated PE Containing Diblock Copolymers. Macromolecular Symposia, 2006, 245-246, 154-160.	0.4	20
366	Confinement effects on the crystallization and SSA thermal fractionation of the PE block within PE-b-PS diblock copolymers. European Polymer Journal, 2006, 42, 516-533.	2.6	68
367	High Speed SSA Thermal Fractionation and Limitations to the Determination of Lamellar Sizes and Their Distributions. Macromolecular Chemistry and Physics, 2006, 207, 39-49.	1.1	76
368	Melt Structure and its Transformation by Sequential Crystallization of the Two Blocks within Poly(L-lactide)-block-Poly(-caprolactone) Double Crystalline Diblock Copolymers. Macromolecular Chemistry and Physics, 2006, 207, 941-953.	1.1	106
369	Preparation of Size Controllable Polypyrrole Sub-Microcapsules Using SEBS Copolymer as the Building Block. Macromolecular Rapid Communications, 2006, 27, 328-332.	2.0	3
370	Synthesis and Characterization of Triblock Terpolymers with three Potentially Crystallisable Blocks: Polyethylene-b-poly(ethylene oxide)-b-poly(-caprolactone). Macromolecular Symposia, 2006, 239, 58-67.	0.4	19
371	Thermal fractionation of polymers. Progress in Polymer Science, 2005, 30, 559-603.	11.8	326
372	Effect of isothermal crystallization on the amorphous phase mobility of polycarbonate/poly(-caprolactone) blends. Polymer, 2005, 46, 6532-6542.	1.8	29
373	Optimization of the coordination-insertion ring-opening polymerization of poly(p-dioxanone) by programmed decreasing reaction temperatures. Journal of Applied Polymer Science, 2005, 97, 659-665.	1.3	5
374	Entropic depletion effect on supermolecular assembly: control of geometry of adsorbed molecules in coatings. Journal of Raman Spectroscopy, 2005, 36, 699-703.	1.2	5
375	Hydrolytic Degradation of Double Crystalline PPDx-b-PCL Diblock Copolymers. Macromolecular Chemistry and Physics, 2005, 206, 903-914.	1.1	28
376	Morphology of ABCD Tetrablock Copolymers Predicted by Self-Consistent Field Theory. Macromolecular Theory and Simulations, 2005, 14, 256-266.	0.6	9
377	The role of shear and elongation in the flow of solutions of semi-flexible polymers through porous media. Rheologica Acta, 2005, 44, 396-405.	1.1	40
378	Miscibility and Crystallization in Polycarbonate/Poly(-caprolactone) Blends: Application of the Self-Concentration Model. Macromolecules, 2005, 38, 5109-5117.	2.2	63

#	ARTICLE	IF	CITATIONS
379	Crystallization in Poly(L-lactide)-b-poly( $\mu$ -caprolactone) Double Crystalline Diblock Copolymers: A Study Using X-ray Scattering, Differential Scanning Calorimetry, and Polarized Optical Microscopy. <i>Macromolecules</i> , 2005, 38, 463-472.	2.2	152
380	Self-nucleation and crystallization kinetics of double crystalline poly(p-dioxanone)-b-poly( $\mu$ -caprolactone) diblock copolymers. <i>Faraday Discussions</i> , 2005, 128, 231-252.	1.6	135
381	Confinement Effects on the Crystallization Kinetics and Self-Nucleation of Double Crystalline Poly(p-dioxanone)-b-poly( $\mu$ -caprolactone) Diblock Copolymers. <i>Macromolecular Symposia</i> , 2004, 215, 369-382.	0.4	43
382	Effect of the polyethylene confinement and topology on its crystallisation within semicrystalline ABC triblock copolymers. <i>European Polymer Journal</i> , 2004, 40, 1033-1049.	2.6	67
383	Coincident or sequential crystallization of PCL and PEO blocks within polystyrene-b-poly(ethylene Terephthalate) triblock copolymers. <i>Journal of Applied Polymer Science</i> , 2004, 91, 1074-1084.	2.6	43
384	Depletion Effect on Supermolecular Assembly: A Control of Geometry of Adsorbed Molecules. <i>Journal of Physical Chemistry B</i> , 2004, 108, 5153-5156.	1.2	5
385	Influence of in Vitro Hydrolytic Degradation on the Morphology and Crystallization Behavior of Poly(p-dioxanone). <i>Biomacromolecules</i> , 2004, 5, 358-370.	2.6	91
386	Effect of the Flow Field on the Rheological Behavior of Aqueous Cetyltrimethylammonium-Toluenesulfonate Solutions. <i>Langmuir</i> , 2004, 20, 3838-3841.	1.6	41
387	Non-Newtonian annular vertical flow of sand suspensions in aqueous solutions of guar gum. <i>Journal of Petroleum Science and Engineering</i> , 2004, 44, 317-331.	2.1	22
388	Crystallization in ABC Triblock Copolymers with Two Different Crystalline End Blocks: Influence of Confinement on Self-Nucleation Behavior. <i>Macromolecular Chemistry and Physics</i> , 2003, 204, 111-124.	1.1	44
389	Morphology and Crystallization Kinetics of Melt Miscible Polyolefin Blends. <i>Macromolecular Chemistry and Physics</i> , 2003, 204, 1497-1513.	1.1	24
390	Physical properties of PVA/PSSNa blends. <i>Journal of Applied Polymer Science</i> , 2003, 88, 79-87.	1.3	12
391	Use of rheological compatibility criteria to study SBS modified asphalts. <i>Journal of Applied Polymer Science</i> , 2003, 90, 1772-1782.	1.3	127
392	New comb-like poly(n-alkyl itaconate)s with crystalizable side chains. <i>Polymer</i> , 2003, 44, 4969-4979.	1.8	63
393	Nucleation and Crystallization in Double Crystalline Poly(p-dioxanone)-b-poly( $\mu$ -caprolactone) Diblock Copolymers. <i>Macromolecules</i> , 2003, 36, 1633-1644.	2.2	167
394	Electrochemical synthesis and properties of polybenzoxazine. <i>Journal of Adhesion</i> , 2003, 79, 351-360.	1.8	7
395	Control of the Geometry of the Adsorbed Thin Layer by the Depletion Interaction. <i>Journal of the American Chemical Society</i> , 2003, 125, 11774-11775.	6.6	9
396	Metastable Isotactic Polystyrene Prepared by Freeze-Extracting Concentrated Solutions in Solvents of Middle Molecular Size. <i>Macromolecules</i> , 2003, 36, 4609-4613.	2.2	30

#	ARTICLE	IF	CITATIONS
397	Interactions between high-molecular-weight poly(ethylene oxide) and sodium dodecyl sulfate. , 2003, , 73-81.		19
398	Dielectric Relaxations in Structurally Disordered Materials. Radiation Effects and Defects in Solids, 2003, 158, 335-342.	0.4	3
399	Thermal and self-nucleation behavior of molecular complexes formed by p-nitrophenol and the poly(ethylene oxide) end block within an ABC triblock copolymer. Macromolecular Symposia, 2002, 183, 179-184.	0.4	14
400	From Miscible to Immiscible Polycarbonate/Poly( $\mu$ -caprolactone) Blends. Macromolecules, 2002, 35, 7301-7313.	2.2	20
401	Homogeneous Nucleation and Fractionated Crystallization in Block Copolymers. Macromolecules, 2002, 35, 3048-3058.	2.2	211
402	Local and segmental dynamics in homopolymer and triblock copolymers with one semicrystalline block. Physical Review E, 2002, 65, 021807.	0.8	12
403	Nucleation and crystallization of PS-b-PEO-b-PCL triblock copolymers. Macromolecular Symposia, 2002, 183, 199-204.	0.4	33
404	Synthesis and Characterization of ABC Triblock Copolymers with Two Different Crystalline End Blocks: A Influence of Confinement on Crystallization Behavior and Morphology. Macromolecules, 2002, 35, 10004-10013.	2.2	80
405	Elongational Flow of Solutions of Poly(ethylene oxide) and Sulfonated Surfactants. Journal of Colloid and Interface Science, 2002, 251, 388-397.	5.0	6
406	The effect of hydrolytic degradation on the tensile properties of neat and reinforced Poly(p-dioxanone). Polymer Bulletin, 2002, 48, 291-298.	1.7	15
407	Effect of ethanol addition on the elongational flow behavior of aqueous solutions of poly(ethylene) Tj ETQq1 1 0.784314 rgBT <sub>11</sub> /Overl	1.7	11
408	Thermal and morphological evaluation of very low density polyethylene/high density polyethylene blends. Polymer Engineering and Science, 2002, 42, 2048-2063.	1.5	25
409	Experimental analysis of the grafting products of diethyl maleate onto linear and branched polyethylenes. Polymer, 2002, 43, 2151-2159.	1.8	13
410	Shear and extensional rheology of solutions of modified hydroxyethyl celluloses and sodium dodecyl sulfate. Polymer, 2002, 43, 6481-6493.	1.8	73
411	Synthesis and Characterization of Polystyrene-b-poly(ethylene oxide)-b-poly( $\mu$ -caprolactone) Block Copolymers. Macromolecules, 2001, 34, 7973-7982.	2.2	88
412	cis-Dichlorobis(triethylarsine)platinum(II) and cis-dichlorobis(triethylphosphine)platinum(II). Acta Crystallographica Section C: Crystal Structure Communications, 2001, 57, 1405-1407.	0.4	11
413	Miscibility of linear and branched polyethylene blends by thermal fractionation: use of the successive self-nucleation and annealing (SSA) technique. Polymer, 2001, 42, 6877-6890.	1.8	79
414	Crystallisation and morphology of neat and degraded poly(p-dioxanone). Polymer Degradation and Stability, 2001, 73, 541-547.	2.7	52



#	ARTICLE	IF	CITATIONS
415	Interactions between Poly(ethylene Oxide) and Sodium Dodecyl Sulfate in Elongational Flows. Journal of Colloid and Interface Science, 2001, 236, 343-353.	5.0	40
416	Elongational Flow of Solutions Containing Poly(ethylene oxide)/Sodium Dodecyl Sulfate Complexes in the Presence of n-Alkanols. Journal of Colloid and Interface Science, 2001, 244, 164-172.	5.0	11
417	Thermal characterization of polycarbonate/polycaprolactone blends. Journal of Polymer Science, Part B: Polymer Physics, 2001, 39, 771-785.	2.4	51
418	Application of the SSA Calorimetric Technique to Characterise an XLPE Insulator Aged under Multiple Stresses. Macromolecular Chemistry and Physics, 2001, 202, 1539-1547.	1.1	26
419	Compatibility Studies in Binary Blends of PA6 and ULDPE-graft-DEM. Macromolecular Chemistry and Physics, 2001, 202, 2461-2478.	1.1	23
420	Flow of mixtures of poly(ethylene oxide) and hydrolyzed polyacrylamide solutions through opposed jets. Journal of Applied Polymer Science, 2000, 76, 1910-1919.	1.3	1
421	Nucleation and crystallization of blends of poly(propylene) and ethylene/1-olefin copolymers. Macromolecular Chemistry and Physics, 2000, 201, 958-972.	1.1	52
422	Nucleation and crystallization of isotactic poly(propylene) droplets in an immiscible polystyrene matrix. Macromolecular Chemistry and Physics, 2000, 201, 2493-2504.	1.1	89
423	Crystallisation and morphology of poly(p-dioxanone). Macromolecular Chemistry and Physics, 2000, 201, 2687-2698.	1.1	111
424	Crystallization of the polyethylene block in polystyrene-b-polyethylene-b-polycaprolactone triblock copolymers, 1. Self-nucleation behavior. Macromolecular Chemistry and Physics, 2000, 201, 2711-2720.	1.1	59
425	Influence of the hydrocarbon chain length in the phase transition from solid to liquid-crystal in n-alkylammonium chlorides. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2000, 164, 47-53.	2.3	8
426	Heterogeneous nucleation and self-nucleation of poly(p-dioxanone). Journal of Materials Science, 2000, 35, 5071-5084.	1.7	66
427	Applications of Successive Self-Nucleation and Annealing (SSA) to Polymer Characterization. Magyar AprÄ³vad KÄ¶zlemÄ©nyek, 2000, 59, 451-470.	1.4	123
428	Nucleation and crystallization of isotactic poly(propylene) droplets in an immiscible polystyrene matrix. , 2000, 201, 2493.		5
429	Crystallization of the polyethylene block in polystyrene-b-polyethylene-b-polycaprolactone triblock copolymers, 1. Self-nucleation behavior. , 2000, 201, 2711.		1
430	Porous media flow of poly(ethylene oxide)/sodium dodecyl sulfate mixtures. Polymer Bulletin, 1999, 42, 109-116.	1.7	19
431	Flow of mixtures of poly(ethylene oxide) and hydrolyzed polyacrylamide solutions through porous media. Journal of Applied Polymer Science, 1999, 72, 783-795.	1.3	12
432	Application of the SSA calorimetric technique to characterize LLDPE grafted with diethyl maleate. Macromolecular Chemistry and Physics, 1999, 200, 330-337.	1.1	38

#	ARTICLE	IF	CITATIONS
433	Fractionated crystallisation of polyethylene and ethylene/olefin copolymers dispersed in immiscible polystyrene matrices. <i>Macromolecular Chemistry and Physics</i> , 1999, 200, 2559-2576.	1.1	73
434	The Rheology of Polymer Solutions in Porous Media. , 1999, , 335-393.		11
435	Fractionated crystallisation of polyethylene and ethylene/olefin copolymers dispersed in immiscible polystyrene matrices. , 1999, 200, 2559.		1
436	Two-Dimensional Flow of Polymer Solutions Through Porous Media. <i>Journal of Porous Media</i> , 1999, 2, 251-262.	1.0	0
437	Thermal stability of blends of nylon 6 with polyolefins that contain acrylic acid. <i>European Polymer Journal</i> , 1998, 34, 1865-1870.	2.6	18
438	Evaluation of the fractionated crystallization of dispersed polyolefins in a polystyrene matrix. <i>Macromolecular Chemistry and Physics</i> , 1998, 199, 2275-2288.	1.1	138
439	Nucleation and crystallization of PET droplets dispersed in an amorphous PC matrix. <i>Journal of Applied Polymer Science</i> , 1998, 70, 1725-1735.	1.3	37
440	Antinucleation Effect of the Polyethylene Block on the Polycaprolactone Block in ABC Triblock Copolymers. <i>Macromolecules</i> , 1998, 31, 7756-7763.	2.2	56
441	Ternary ABC block copolymers based on one glassy and two crystallizable blocks: polystyrene-block-polyethylene-block-poly( $\epsilon$ -caprolactone). <i>Macromolecular Chemistry and Physics</i> , 1998, 199, 1063-1070.	1.1	44
442	The phenomenon of double yielding in oriented high density polyethylene films. <i>Journal of Materials Science Letters</i> , 1997, 16, 1721-1724.	0.5	18
443	The phenomenon of double yielding in blown polyethylene films. <i>Polymer Bulletin</i> , 1997, 39, 125-132.	1.7	16
444	Successive self-nucleation/annealing (SSA): A novel technique to study molecular segregation during crystallization. <i>Polymer Bulletin</i> , 1997, 39, 465-472.	1.7	273
445	Evidences of the crystalline memory and recrystallisation capacity of bisphenol-A polycarbonate. <i>Journal of Theoretical Biology</i> , 1997, 50, 593-602.	0.8	11
446	Rheological and calorimetric evidences of the fractionated crystallization of iPP dispersed in ethylene/olefin copolymers. <i>Journal of Applied Polymer Science</i> , 1997, 66, 2481-2493.	1.3	40
447	Thermoreversible gel formation in poly(ethylene terephthalate)/epoxy resin solutions. <i>Macromolecular Chemistry and Physics</i> , 1996, 197, 2149-2154.	1.1	3
448	Influence of aging and crystallinity on the molecular motions in bisphenol-A polycarbonate. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1996, 34, 2863-2879.	2.4	55
449	Flow-induced degradation of hydrolyzed polyacrylamide in porous media. <i>Polymer Bulletin</i> , 1996, 37, 663-670.	1.7	6
450	Effect of intermolecular cross links on drag reduction by polymer solutions. <i>Polymer Bulletin</i> , 1996, 36, 111-118.	1.7	19

#	ARTICLE	IF	CITATIONS
451	Turbulence suppression by polymer solutions in opposed jets flow. <i>AICHE Journal</i> , 1995, 41, 1333-1336.	1.8	6
452	Calorimetric study of blends of low density polyethylene (LDPE) and linear low density polyethylene (LLDPE) temperature rising elution fractionation (TREF) fractions. <i>Macromolecular Chemistry and Physics</i> , 1995, 196, 385-398.	1.1	34
453	The evaluation of the state of dispersion in immiscible blends where the minor phase exhibits fractionated crystallization. <i>Polymer Bulletin</i> , 1995, 35, 379-386.	1.7	67
454	Extensional behavior of hydroxypropyl guar solutions: Optical rheometry in opposed jets and flow through porous media. <i>Journal of Rheology</i> , 1995, 39, 961-986.	1.3	29
455	Flow of solutions of hydroxypropyl guar-poly(ethylene oxide) mixtures through a porous medium. <i>Polymer Bulletin</i> , 1994, 33, 717-724.	1.7	4
456	Shear and elongational behavior of linear low-density and low-density polyethylene blends from capillary rheometry. <i>Polymer Engineering and Science</i> , 1994, 34, 1455-1463.	1.5	21
457	Flow of monodisperse polystyrene solutions through porous media. <i>Colloid and Polymer Science</i> , 1994, 272, 1224-1233.	1.0	14
458	Homogeneous nucleation of the dispersed crystallisable component of immiscible polymer blends. <i>Polymer Bulletin</i> , 1994, 32, 471-477.	1.7	112
459	Flow of polymer solutions through porous media. <i>Journal of Non-Newtonian Fluid Mechanics</i> , 1993, 49, 63-85.	1.0	50
460	The phenomenon of double yielding under tension in low-density polyethylene, linear low-density polyethylene and their blends. <i>Journal of Materials Science Letters</i> , 1993, 12, 1457-1459.	0.5	35
461	Thermomechanical degradation of macromolecules. <i>Colloid and Polymer Science</i> , 1992, 270, 307-324.	1.0	54
462	Degradation of semidilute polymer solutions in elongational flows. <i>Polymer</i> , 1992, 33, 2598-2604.	1.8	41
463	Stagnation-point extensional flow behaviour of M1. <i>Journal of Non-Newtonian Fluid Mechanics</i> , 1990, 35, 231-250.	1.0	29
464	Degradation of polymer solutions in extensional flows. <i>Macromolecules</i> , 1990, 23, 3092-3103.	2.2	114
465	Extensional Flow Behavior of Macromolecules in Solution. <i>Advances in Chemistry Series</i> , 1989, , 193-244.	0.6	17
466	Elongational flow and rheology of monodisperse polymers in solution. <i>Journal of Non-Newtonian Fluid Mechanics</i> , 1988, 30, 99-118.	1.0	54
467	Non-Newtonian behaviour of hydrolysed polyacrylamide in strong elongational flows: a transient network approach. <i>Polymer</i> , 1988, 29, 1179-1190.	1.8	57
468	Entanglements in polymer solutions under elongational flow: a combined study of chain stretching, flow velocimetry and elongational viscosity. <i>Macromolecules</i> , 1988, 21, 250-256.	2.2	69

#	ARTICLE	IF	CITATIONS
469	The calorimetric and mechanical properties of virgin and recycled poly(ethylene terephthalate) from beverage bottles. <i>Polymer Engineering and Science</i> , 1987, 27, 796-803.	1.5	18
470	Crystalline memory on polycarbonate. <i>Journal of Applied Polymer Science</i> , 1987, 34, 1959-1966.	1.3	20
471	Entanglements in semi-dilute solutions as revealed by elongational flow studies. <i>Progress in Colloid and Polymer Science</i> , 1987, 75, 179-200.	0.5	59
472	Miscibility study of low molecular weight polystyrene/styrene-methyl methacrylate random copolymer blend using DSC. <i>Journal of Materials Science Letters</i> , 1986, 5, 1193-1194.	0.5	4
473	A study on the compatibility of poly(methyl methacrylate)/methyl methacrylate-styrene random copolymer blends. <i>Journal of Materials Science Letters</i> , 1986, 5, 313-314.	0.5	9
474	Nucleation and Crystallization in Diblock and Triblock Copolymers. , 0, , 1-63.		249
475	Fast successive self-nucleation and annealing (SSA) thermal fractionation protocol for the characterization of polyolefin blends from mechanical recycling. <i>Journal of Polymer Science</i> , 0, , .	2.0	2