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Nonisothermal melt and cold crystallization kinetics of poly(aryl ether ether ketone ketone)

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553	Study on the Non-isothermal Melt Crystallization Kinetics of PTT/PBT Blends. <b>2009</b> , 48, 684-695		3
552	Nonisothermal Crystallization Behaviors of Flame-Retardant Copolyester/Montmorillonite Nanocomposites. <b>2009</b> , 48, 927-940		5
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550	Synthesis and characterization of monomer-casting polyamide 6/polymethacrylic ionomer blends. <b>2009</b> , 111, 2970-2979		4
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548	Crystallization kinetics of isotactic polypropylene nucleated with organic dicarboxylic acid salts. <b>2009</b> , 112, 1471-1480		12
547	Poly(lactide)/nano- and micro-scale silica composite films. II. Melting behavior and cold crystallization. <b>2009</b> , 112, 3149-3156		62

546	Crystallization behavior of fully biodegradable poly(lactic acid)/poly(butylene adipate-co-terephthalate) blends. <b>2009</b> , 112, 3754-3763		73
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544	Crystallization behavior and crystallization kinetic studies of isotactic polypropylene modified by long-chain branching polypropylene. <b>2009</b> , 114, 2180-2194		18
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542	Crystallization kinetics of poly(L-lactide)/carbonated hydroxyapatite nanocomposite microspheres. <b>2009</b> , 113, 4100-4115		52
541	Nonisothermal crystallization and melting behavior of poly( $\epsilon$ -caprolactone)-b-poly(ethylene glycol)-b-poly( $\epsilon$ -caprolactone) by DSC analysis. <b>2009</b> , 114, 1133-1140		9
540	The effect of bicyclo[2.2.1]hept-5-ene-2,3-dicarboxylate on the mechanical properties and crystallization behaviors of isotactic polypropylene. <b>2009</b> , 116, n/a-n/a		
539	Nonisothermal crystallization behavior and mechanical properties of poly(butylene succinate)/silica nanocomposites. <b>2009</b> , 116, n/a-n/a		2
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527	Preparation and nonisothermal crystallization behavior of polypropylene/layered double hydroxide nanocomposites. <b>2009</b> , 50, 1505-1515		111
526	Isothermal and non-isothermal crystallization kinetics of modified rape straw flour/high-density polyethylene composites. <b>2009</b> , 48, 837-846		59
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524	A DSC Study on the Nonisothermal Crystallization Kinetics of Polypropylene/Single-Walled Carbon Nanotube Nanocomposite. <b>2009</b> , 48, 579-586		23
523	Nonisothermal Crystallization of Recycled Poly(Ethylene Terephthalate)/Poly(Ethylene Octene) Blends. <b>2009</b> , 48, 414-429		6
522	Mechanical reinforcement and crystallization behavior of poly(ethylene 2,6-naphthalate) nanocomposites induced by modified carbon nanotube. <b>2009</b> , 40, 45-53		60
521	Crystallization Behavior of Poly(Lactic Acid) Filled with Modified Carbon Black. <b>2009</b> , 48, 670-683		13
520	Nonisothermal Crystallization Kinetics of Poly( $\epsilon$ -Caprolactone)/Montmorillonite Nanocomposites. <b>2009</b> , 48, 710-722		20
519	Use of inorganic Fullerene-like WS <sub>2</sub> to produce new high-performance polyphenylene sulfide nanocomposites: role of the nanoparticle concentration. <b>2009</b> , 113, 10104-11		51
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517	Non-Isothermal Crystallization Kinetics of Poly(Butylene Terephthalate)/Silica Nanocomposites. <b>2009</b> , 48, 537-549		9
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515	Blends of pre-irradiated polypropylene powder and syndiotactic 1,2-polybutadiene: isothermal and nonisothermal crystallisation kinetics. <b>2009</b> , 38, 79-90		1
514	Non-isothermal crystallization kinetics of isotactic polypropylene nucleated with 1,3:2,4-bis(3,4-dimethylbenzylidene) sorbitol. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2010</b> , 100, 661-665	4.1	29
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511	Nonisothermal crystallization, melting behavior, and morphology of PP/EPPE blends. <b>2010</b> , 115, 1256-1263		11

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509	Nonisothermal crystallization kinetics of isotactic polypropylene containing nucleating agent and dispersant. <b>2010</b> , 117, 1047-1054	19
508	Nonisothermal crystallization kinetics of modified bamboo fiber/PCL composites. <b>2010</b> , 116, NA-NA	7
507	Crystallization behavior of poly( $\epsilon$ -caprolactone)/layered double hydroxide nanocomposites. <b>2010</b> , 116, NA-NA	148
506	Kinetics and crystal structure of isothermal crystallization of poly(lactic acid) plasticized with triphenyl phosphate. <b>2010</b> , 117, n/a-n/a	2
505	Morphology development and non-isothermal crystallization behavior of polyamide 11/ethylene-vinyl alcohol blends. <b>2010</b> , 118, n/a-n/a	1
504	Isothermal crystallization kinetics and crystal structure of poly(lactic acid): Effect of triphenyl phosphate and talc. <b>2010</b> , 118, 3558-3569	71
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492	Nonisothermal melt crystallization kinetics of poly(ethylene terephthalate)/Barite nanocomposites. <b>2010</b> , 31, 1504-1514		23
491	Kinetics and crystal structure of poly(lactic acid) crystallized nonisothermally: Effect of plasticizer and nucleating agent. <b>2010</b> , 31, 2057-2068		50
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460	Nonisothermal crystallization kinetics study of LDPE/MWCNT nanocomposites: Effect of aspect ratio and surface modification. <b>2011</b> , 119, 290-299		15
459	Preparation, crystallization behavior, and dynamic mechanical property of nanocomposites based on poly(vinylidene fluoride) and exfoliated graphite nanoplate. <b>2011</b> , 119, 1166-1175		8
458	Crystallization kinetics of polypropylene composites filled with nano calcium carbonate modified with maleic anhydride. <b>2011</b> , 119, 1516-1527		18
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456	Nonisothermal crystallization and melting behavior of nucleated isotactic polypropylene and polyamide 66 blends. <b>2011</b> , 119, 3566-3573		13
455	Morphology, crystallization, and mechanical properties of poly(ethylene terephthalate)/multiwalled carbon nanotubes composites. <b>2011</b> , 120, 3460-3468		17
454	Study on crystallization kinetics of LDPE filled with CaCO <sub>3</sub> of different size and size distribution. <b>2011</b> , 120, 3490-3500		3
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450	Crystallization behavior of polyamide 11/multiwalled carbon nanotube composites. <b>2011</b> , 122, 551-560		21
449	Crystalline properties and decomposition kinetics of cellulose fibers in wood pulp obtained by two pulping processes. <b>2011</b> , 96, 679-685		133
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446	Non-Isothermal Crystallization Behavior of Poly(Ethylene Terephthalate)/Carbon Black Composite. <b>2011</b> , 239-242, 3198-3206		2
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442	The Non-Isothermal Crystallization Kinetics of Dispersible Nano-SiO <sub>2</sub> /PA66 Composites. <b>2012</b> , 535-537, 94-102		
441	Isothermal and Nonisothermal Cold Crystallization Behaviors of Asymmetric Poly(l-lactide)/Poly(d-lactide) Blends. <b>2012</b> , 51, 15927-15935		45
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439	Morphology, Crystallization and Dynamical Mechanical Behavior of IPP/Nano-CaCO <sub>3</sub> Composites. <b>2012</b> , 51, 1083-1089		11

438	Melting and nonisothermal crystallization behavior of polypropylene/hemp fiber composites. <b>2012</b> , 46, 203-210		21
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436	Clay-containing poly(ethylene terephthalate) (PET)-based polymer nanocomposites. <b>2012</b> , 277-320		4
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430	The nonisothermal crystallization kinetics of surface fluorinated polypropylene/polypropylene blend. <b>2012</b> , 144, 182-188		3
429	Non-isothermal crystallization of PVDF/PMMA blends processed in low and high shear mixers. <b>2012</b> , 358, 2674-2681		36
428	Non-Isothermal Crystallization of Poly(Vinylidene fluoride)/Hollow Glass Microspheres Composites. <b>2012</b> , 51, 1204-1208		9
427	Morphology, Structure, and Crystallization of LaCl Modified Hollow Glass Microspheres/ Poly(vinylidene fluoride) Composites. <b>2012</b> , 51, 2438-2448		4
426	Crystallization Behavior of Reactive Blends between PBS and PA6IcoT. <b>2012</b> , 51, 5461-5468		6
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424	Effect of long chain branching on nonisothermal crystallization behavior of polyethylenes synthesized with constrained geometry catalyst. <i>Polymer Engineering and Science</i> , <b>2012</b> , 52, 21-34	2.3	32
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421	Influence of synthesis temperature on thermal properties of thermoplastic polyurethane prepared by torque rheometer. <i>Polymer Engineering and Science</i> , <b>2012</b> , 52, 1678-1684	2.3	5

420	Compatibility, morphology, and crystallization behavior of compatibilized nucleated polypropylene/poly(trimethylene terephthalate) blends. <b>2012</b> , 125, 1616-1624		6
419	Nonisothermal crystallization kinetics of low-density polyethylene inside percolating network of ZnO nanoparticles. <b>2012</b> , 125, E113		8
418	Crystallization kinetics and degradation of nanocomposites based on ternary blend of poly(L-lactic acid), poly(methyl methacrylate), and poly(ethylene oxide) with two different organoclays. <b>2012</b> , 125, E444-E458		17
417	Nonisothermal crystallization kinetics of PA6 and PA6/SEBS-g-MA blends. <b>2012</b> , 19, 1		10
416	Kinetic evaluation of non-isothermal crystallization of oxidized extra virgin olive oil. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2012</b> , 108, 799-806	4-1	12
415	Study on crystallization behaviour of co-polyamide 66 containing triaryl phosphine oxide. <b>2012</b> , 35, 233-242		3
414	Ternary nano-CaCO <sub>3</sub> /poly(ethylene terephthalate) fiber/polypropylene composites: Increased impact strength and reinforcing mechanism. <b>2012</b> , 72, 574-579		22
413	High-performance nanocomposites based on polyetherketones. <b>2012</b> , 57, 1106-1190		187
412	Non-isothermal crystallization kinetics of recycled PET-Si <sub>3</sub> N <sub>4</sub> nanocomposites. <b>2012</b> , 31, 110-116		23
411	Nonisothermal crystallization behavior, and morphology of poly(trimethylene terephthalate)/polyethylene glycol copolymers. <b>2012</b> , 31, 393-403		19
410	The influences of polyethylene glycol molecular weight on thermal stability, nonisothermal crystallization behavior, and morphology of poly(trimethylene terephthalate)/poly(ethylene oxide terephthalate) copolymers. <b>2012</b> , 31, 685-696		8
409	Isothermal and nonisothermal crystallization kinetics of poly( $\epsilon$ -caprolactone). <b>2012</b> , 124, 1333-1343		14
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405	Effect of different inorganic filler over isothermal and non-isothermal crystallization of polypropylene homopolymer. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2012</b> , 107, 633-643	4-1	16
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396	Non-isothermal cold crystallization behavior and kinetics of poly(l-lactide): effect of l-lactide dimer. <b>2013</b> , 70, 2569-2586		15
395	Characterization and non-isothermal crystallization behavior of biodegradable poly(ethylene sebacate)/SiO <sub>2</sub> nanocomposites. <b>2013</b> , 70, 2471-2491		8
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236	Impact of Bacterial Cellulose Nanofibers on the Nonisothermal Crystallization Kinetics of Ethylene-Vinyl Acetate Copolymer. <b>2016</b> , 55, 8248-8257		9
235	Non-isothermal crystallization kinetics of cork-polymer composites for injection molding. <b>2016</b> , 133,		8
234	Non-isothermal crystallization kinetics in melt-drawn PCL/PLA microfibrillar composites. <b>2016</b> ,		
233	Electroactive phase nucleation and non-isothermal crystallization kinetics study in [DEMM][TFSI] ionic liquid incorporated P(VDF-HFP) co-polymer membranes. <b>2016</b> , 51, 7814-7830		22
232	Nonisothermal melt crystallization of PHB/babassu compounds. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2016</b> , 126, 755-769	4-1	23
231	Non-isothermal cold crystallization kinetics of poly(3-hydroxybutyrate) filled with zinc oxide. <i>Thermochimica Acta</i> , <b>2016</b> , 637, 74-81	2-9	14
230	Opposite role of different carbon fiber reinforcements on the non-isothermal crystallization behavior of poly(etheretherketone). <b>2016</b> , 179, 223-231		21
229	Synthesis, morphology, and nonisothermal crystallization behavior of poly(trimethylene terephthalate)/poly(propylene glycol) segmented random copolymers. <b>2016</b> , 27, 1029-1037		2
228	The nonisothermal crystallization behavior of polyamide-6,6/mobile crystalline material hybrid composites prepared by in situ polymerization. <b>2016</b> , 29, 638-655		3
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226	Isothermal and non-isothermal crystallization kinetics of polyamide 12 used in laser sintering. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2016</b> , 124, 925-933	4-1	18
225	Influence of Octasilane POSS on Non-Isothermal Crystallization, Thermal Stability and Conductivity of Poly(vinyl alcohol) Nanocomposite. <b>2016</b> , 55, 268-277		7
224	Relationship between molecular structure, crystallization behavior, and mechanical properties of long chain branching polypropylene. <b>2016</b> , 51, 5598-5608		21
223	Influence of Hollow Glass Microspheres Modified by a Rare-Earth/Titanium Coupling Agent on the Nonisothermal Crystallization of Polypropylene. <b>2016</b> , 55, 372-381		1

222	Structure and Phase Transitions of Polymer Liquid Crystals, Revealed by Means of Differential Scanning Calorimetry, Real-Time Synchrotron WAXD, MAXS and SAXS and Microscopy. <b>2016</b> , 19-52			1
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220	Influence of the processing temperature on the tribological and mechanical properties of poly-ether-ether-ketone (PEEK) polymer. <b>2016</b> , 94, 92-97			51
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218	Nonisothermal crystallization kinetics of polyphenylene sulfide composites based on organic clay modified by benzimidazolium salt. <b>2016</b> , 28, 761-772			3
217	Non-isothermal crystallization kinetics of PEG plasticized PLA/G-POSS nanocomposites. <b>2017</b> , 38, 1378-1389			17
216	Nonisothermal crystallization kinetic study and thermal stability of multiwalled carbon nanotube reinforced poly(phenylene sulfide) composites. <b>2017</b> , 38, 604-615			6
215	Crystallization, melting, and mechanical behavior of calcium carbonate-based nanocomposites of crosslinked high density polyethylene. <b>2017</b> , 38, E402-E411			4
214	Effect of Ag nanoparticle embedment on electroactive phase nucleation of PVDF and PVDF-HFP under non-isothermal condition: A comparative study. <i>Thermochimica Acta</i> , <b>2017</b> , 649, 69-81	2.9		11
213	An efficient organic additive to control the crystallization rate of aliphatic polyketone: A non-isothermal crystallization kinetics study. <b>2017</b> , 35, 547-557			4
212	Mechanical properties, thermal and crystallization behavior of different surface-modified silica nanoparticle-filled PA66 composites. <b>2017</b> , 37, 559-576			5
211	Isothermal and nonisothermal crystallization kinetics of novel biobased poly(ethylene succinate-co-ethylene sebacate) copolymers from the amorphous state. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2017</b> , 129, 801-808	4.1		9
210	Crystallization behavior of partially melted poly(ether ether ketone). <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2017</b> , 129, 1021-1028	4.1		12
209	Nonisothermal crystallization and microstructural behavior of poly(ε-caprolactone) and granular tapioca starch-based biocomposites. <b>2017</b> , 22, 222-236			10
208	Effect of surface modification of cellulose nanocrystal on nonisothermal crystallization of poly(ε-hydroxybutyrate) composites. <b>2017</b> , 157, 1821-1829			53
207	Poly(lactic acid)/montmorillonite blown films: Crystallization, mechanics, and permeation. <b>2017</b> , 134, 45260			9
206	Nonisothermal crystallization kinetics of nylon 66/LCP blends. <i>Thermochimica Acta</i> , <b>2017</b> , 655, 1-12	2.9		14
205	Crystallization of Sodium Dodecyl Sulfate-Water Micellar Solutions under Linear Cooling. <b>2017</b> , 17, 2428-2437			12

204	Influence of Ionic-Liquid-Tethered Al <sub>2</sub> O <sub>3</sub> Nanoparticle on the Nonisothermal Cold Crystallization in Ionic-Liquid-Based Nanofluids. <b>2017</b> , 121, 6962-6976		24
203	Mechanical and morphological investigation of virgin polyethylene and silver nanoparticle-loaded nanocomposites film: comprehensive analysis of kinetic models for non-isothermal crystallization. <b>2017</b> , 40, 307-320		1
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201	Influence of Molecular Weight on the Non-Isothermal Melt Crystallization of Biodegradable Poly(D-Lactide). <b>2017</b> , 751, 221-229		2
200	Enhanced cold crystallization and dielectric polarization of PLA composites induced by P[MPEGMA-IL] and graphene. <i>Thermochimica Acta</i> , <b>2017</b> , 657, 156-162	2.9	12
199	Study on non-isothermal crystallization behavior of isotactic polypropylene/bacterial cellulose composites. <i>RSC Advances</i> , <b>2017</b> , 7, 42113-42122	3.7	13
198	Flash DSC crystallization study of blown film grade bimodal high density polyethylene (HDPE) resins. Part 2. Non-isothermal kinetics. <b>2017</b> , 55, 1822-1827		8
197	Effect of polypyrrole embedment on non-isothermal crystallization kinetics of poly (vinylidene fluoride-co-hexafluoropropylene). <b>2017</b> ,		
196	Crystallization Behavior of Poly(3-Hydroxybutyrate-co-3-Hydroxyvalerate) with WS <sub>2</sub> as Nucleating Agent. <b>2017</b> , 898, 2239-2245		4
195	Morphology and non-isothermal crystallization of dynamically vulcanized PP/EPDM blends in situ compatibilized via magnesium dimethacrylate. <b>2017</b> , 62, 68-78		21
194	Nonisothermal Crystallization and Melting Behaviors of PP/PA6/TiO <sub>2</sub> Nanocomposites. <b>2017</b> , 56, 506-525		4
193	Segmental dynamics of functional graphene-filled poly(ether sulfone ether ketone ketone) nanocomposites. <b>2017</b> , 134,		1
192	Studies on Crystallization and Melting Behaviors of UHMWPE/ MWNTs Nanocomposites with Reduced Chain Entanglements. <b>2017</b> , 25, 495-506		2
191	Formation of Nanolayer on Surface of EPD Coatings Based on Poly-Ether-Ether-Ketone. <b>2017</b> ,		1
190	Effect of ionic liquid on crystallization kinetics and crystal form transition of poly(vinylidene fluoride) blends. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2018</b> , 132, 1153-1165	4.1	9
189	Effect of magnesium hydroxide sulfate hydrate whisker on non-isothermal crystallization kinetics of poly(butylene succinate). <i>Thermochimica Acta</i> , <b>2018</b> , 663, 9-18	2.9	6
188	Nonisothermal crystallization of polymers: Getting more out of kinetic analysis of differential scanning calorimetry data. <b>2018</b> , 1, e10003		16
187	Isothermal Growth of Spinel Crystals in Vanadium-Chromium Slag. <b>2018</b> , 53, 1700276		

186	The influence of bamboo fiber content on the non-isothermal crystallization kinetics of bamboo fiber-reinforced polypropylene composites (BPCs). <b>2018</b> , 72, 329-336		9
185	Crystallization kinetics of poly(ethylene oxide) confined in semicrystalline poly(vinylidene) fluoride. <b>2018</b> , 56, 588-597		10
184	Isothermal crystallization and spherulite morphology of poly(ethylene terephthalate)/Na <sup>+</sup> -MMT nanocomposites prepared through solid-state mechanochemical method. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2018</b> , 131, 2611-2624	4.1	4
183	Isothermal and non-isothermal crystallization kinetics of poly(butylene succinate) with nanoprecipitated calcium carbonate as nucleating agent. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2018</b> , 132, 233-249	4.1	12
182	Correlation Between Crystallization Behavior and Mechanical Properties of Biodegradable Poly(Caprolactone-co-Cyclohexene Carbonate). <b>2018</b> , 57, 1530-1541		2
181	Crystallization kinetics of PCL and PCL/glass composites for additive manufacturing. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2018</b> , 134, 2115-2125	4.1	19
180	Preparation of polypropylene/Mg-Al layered double hydroxides nanocomposites through wet pan-milling: non-isothermal crystallization behaviour. <b>2018</b> , 5, 171070		3
179	Crystallization behaviors of poly(lactic acid) composites fabricated using functionalized eggshell powder and poly(ethylene glycol). <i>Thermochimica Acta</i> , <b>2018</b> , 663, 67-76	2.9	16
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177	Effect of nucleating agent on the crystallization, mechanical properties, and heat resistance of impact-resistant propylene/ethylene copolymer. <b>2018</b> , 24, E36-E47		3
176	Non-isothermal crystallization kinetics and dynamic mechanical properties of poly(Butylene succinate) nanocomposites with different type of carbonaceous nanoparticles. <b>2018</b> , 39, 2705-2721		7
175	Mechanical properties and crystallization behaviors of oriented electrospun nanofibers of zein/poly( $\epsilon$ -caprolactone) composites. <b>2018</b> , 39, 2151-2159		4
174	Investigation of relationship between crystallization kinetics and interfacial interactions in plasticized poly(lactic acid)/POSS nanocomposites: Effects of different POSS types <b>2018</b> , 39, 2674-2684		10
173	Thermal, mechanical, and tribological properties of short carbon fibers/PEEK composites. <b>2018</b> , 30, 657-666		9
172	Melt Crystallization Behavior and Spherulitic Morphology of Poly(Trimethylene Terephthalate)/Poly(Propylene Glycol) Copolymers with Different Poly(Propylene Glycol) Molecular Weights. <b>2018</b> , 57, 775-790		1
171	A primary study into graphene/polyether ether ketone (PEEK) nanocomposite for laser sintering. <b>2018</b> , 428, 1018-1028		48
170	Nonisothermal crystallization studies of PBT/ZnO compounds. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2018</b> , 131, 2569-2577	4.1	5
169	Preparation, performance and non-isothermal crystallization kinetics of poly(lactic acid)/amidated humic acid composites. <b>2018</b> , 75, 3753-3780		4



168	Preparation and crystallization kinetics of polyesteramide based on poly(L-lactic acid). <b>2018</b> , 18, 97-104		2
167	Isothermal and nonisothermal cold crystallization kinetics of poly(L-lactide)/functionalized eggshell powder composites. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2018</b> , 131, 2213-2223	4.1	16
166	Melting and crystallization of PHB/ZnO compounds. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2018</b> , 132, 571-580	4.1	7
165	Full-solution processed all-nanowire flexible and transparent ultraviolet photodetectors. <b>2018</b> , 6, 11666-11672	20	
164	On the crystallization behavior of a poly(stearyl methacrylate) comb-like polymer inside a nanoscale environment. <b>2018</b> , 20, 7348-7356		9
163	Non-Isothermal Crystallization Kinetics of Short Glass Fiber Reinforced Poly (Ether Ether Ketone) Composites. <b>2018</b> , 11,		15
162	Synthesis and nonisothermal crystallization kinetics of thermoplastic polyamide-6 elastomers. <b>2018</b> , 136, 47388		6
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160	Isothermal and non-isothermal crystallization kinetics of composites of poly(propylene) and MWCNTs. <b>2018</b> , 1, 99-110		21
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157	Non-isothermal crystallization of copper-containing composite based on polymer alloy of poly(ethylene oxide) and polyethylene. <i>Thermochimica Acta</i> , <b>2018</b> , 670, 61-70	2.9	4
156	Nonisothermal Crystallization Kinetics of Glassy Mold Fluxes. <b>2018</b> , 49, 3019-3029		13
155	Crystallization Behavior of Pebax/Graphene Composite Matrix with and without Supercritical Carbon Dioxide Assisted Polymer Processing Technique. <b>2018</b> , 18, 3938-3952		6
154	Controllable interlayer shear strength and crystallinity of PEEK components by laser-assisted material extrusion. <b>2018</b> , 33, 1632-1641		27
153	Effect of Ionic Liquids on the Crystallization Kinetics of Various Polymers and Polymer Electrolytes. <b>2018</b> , 509-533		1
152	Non-isothermal crystallization kinetics of Poly(Butylene succinate) (PBS) nanocomposites with different modified carbon nanotubes. <b>2018</b> , 146, 361-377		29
151	Crystallization and mechanical properties of basalt fiber-reinforced polypropylene composites with different elastomers. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2018</b> , 134, 1531-1543	4.1	17

150	Spray-Dried Cellulose Nanofibril-Reinforced Polypropylene Composites for Extrusion-Based Additive Manufacturing: Nonisothermal Crystallization Kinetics and Thermal Expansion. <b>2018</b> , 2, 7	28
149	Influence of Selectively Localised Nanoclay Particles on Non-Isothermal Crystallisation and Degradation Behaviour of PP/LDPE Blend Composites. <b>2018</b> , 10,	17
148	Isothermal and Nonisothermal Crystallization Kinetics of Poly( $\epsilon$ -caprolactone) Blended with a Novel Ionic Liquid, 1-Ethyl-3-propylimidazolium Bis(trifluoromethanesulfonyl)imide. <b>2018</b> , 10,	6
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143	"Nothing Can Hide Itself from Thy Heat": Understanding Polymers via Unconventional Applications of Thermal Analysis. <b>2019</b> , 40, e1800334	12
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138	Following Protein Dynamics in Real Time during Crystallization. <b>2019</b> , 19, 7036-7045	4
137	Non-isothermal crystallization kinetics of hybrid carbon nanotube - silica/ polyvinyl alcohol Nanocomposites. <b>2019</b> , 26, 1	3
136	Effect of Alkyl Chain Length in POSS Nanocage on Non-Isothermal Crystallization Behavior of PCL/Amino-POSS Nanocomposites. <b>2019</b> , 11,	5
135	Influence of thermal annealing on mechanical properties and in vitro degradation of poly(p-dioxanone). <i>Polymer Engineering and Science</i> , <b>2019</b> , 59, 1701-1709	2-3 1
134	Non-Isothermal Crystallization Kinetics of Poly(4-Hydroxybutyrate) Biopolymer. <b>2019</b> , 24,	9
133	Crystallization and Rheological Properties of the Eco-friendly Composites Based on Poly (lactic acid) and Precipitated Barium Sulfate. <b>2019</b> , 27, 2739-2755	2

132	Non-Isothermal Crystallisation Kinetics of Carbon Black- Graphene-Based Multimodal-Polyethylene Nanocomposites. <b>2019</b> , 9,		5
131	Isothermal and non-isothermal cold crystallization of tetrabenzofluorene (TBF) molecules. <b>2019</b> , 43, 9500-9506		10
130	Kinetics of Non-Isothermal and Isothermal Crystallization in a Liquid Crystal with Highly Ordered Smectic Phase as Reflected by Differential Scanning Calorimetry, Polarized Optical Microscopy and Broadband Dielectric Spectroscopy. <b>2019</b> , 9, 205		14
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128	The synthesis of poly (lactic acid)-fulvic acid graft polymer and its effect on the crystallization and performance of poly (lactic acid). <b>2019</b> , 58, 1875-1888		2
127	Effect of substituting Na <sub>2</sub> O for SiO <sub>2</sub> on the non-isothermal crystallization behavior of CaO-BaO-Al <sub>2</sub> O <sub>3</sub> based mold fluxes for casting high Al steels. <b>2019</b> , 45, 11296-11303		18
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124	Non-isothermal crystallization behavior of spinel crystals in FeO-SiO <sub>2</sub> -TiO <sub>2</sub> -V <sub>2</sub> O <sub>3</sub> -Cr <sub>2</sub> O <sub>3</sub> slag. <b>2019</b> , 116, 110		0
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119	Cold Crystallization of Chiral Schiff-Base Nickel(II) Complex Having Alkyl Chains and a Characteristic Methyl Group. <b>2019</b> , 92, 1853-1858		3
118	Non-isothermal crystallization behavior of polyethylene glycol/expanded vermiculite form-stable composite phase change material. <b>2019</b> , 234, 17-20		12
117	The non-isothermal crystallization behavior of polyamide 6 and polyamide 6/HDPE/MAH/L-101 composites. <b>2019</b> , 39, 124-133		4
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115	Effect of styreneButadieneEtyrene triblock copolymer on non-isothermal crystallization kinetics and melting behavior of syndiotactic 1, 2-polybutadiene. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2019</b> , 136, 2269-2280	4.1	3

114	Cold crystallization from chiral smectic phase. <b>2019</b> , 92, 126-134		14
113	Influence of epoxidized ethylene propylene diene rubber on nonisothermal crystallization kinetics and mechanical properties of poly(butylene terephthalate)/polypropylene blend. <b>2019</b> , 39, 216-227		
112	Nanocomposites based on chain extended poly(l-lactic acid)/carboxylated carbon nanotubes: Crystallization kinetics and lamellar morphology. <b>2019</b> , 53, 2131-2147		6
111	Nucleating and retarding effects of nanohydroxyapatite on the crystallization of poly(butylene terephthalate-co-alkylene dicarboxylate)s with different lengths. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2019</b> , 137, 421-435	4.1	2
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109	Influence of the combination of nucleating agent and plasticizer on the non-isothermal crystallization kinetics and activation energies of poly(lactic acid). <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2020</b> , 139, 1069-1090	4.1	13
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107	An investigation of PLA/Babassu cold crystallization kinetics. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2020</b> , 141, 1389-1397	4.1	12
106	The study on microstructure and mechanical properties of multi-component composite based on HDPE. <b>2020</b> , 23, 164-176		2
105	Nanocomposite Materials with Poly(l-lactic Acid) and Transition-Metal Dichalcogenide Nanosheets 2D-TMDCs WS. <b>2020</b> , 12,		1
104	Functionally tuned nanolayered graphene as reinforcement of polyethylene nanocomposites for lightweight transportation industry. <b>2020</b> , 169, 99-110		10
103	Non-isothermal and isothermal cold crystallization of glass-forming chiral smectic liquid crystal (S)-4?-(1-methyloctyloxycarbonyl) biphenyl-4-yl 4-[7-(2,2,3,3,4,4,4-heptafluorobutoxy) heptyl-1-oxy]-benzoate. <b>2020</b> , 319, 114153		10
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100	Mesomorphic and dynamic properties of 3F5BFBiHex antiferroelectric liquid crystal as reflected by polarized optical microscopy, differential scanning calorimetry and broadband dielectric spectroscopy. <b>2020</b> , 320, 114338		7
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96	Crystallization kinetics modeling, thermal properties and biodegradability of poly (ε-caprolactone)/niobium pentoxide and alumina compounds. <b>2020</b> , 1	0
95	Nano/micro-scale morphologies of semi-interpenetrating poly(ε-caprolactone)/tung oil polymer networks: Isothermal and non-isothermal crystallization kinetics. <b>2020</b> , 89, 106586	4
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92	Rheological and Crystallization Properties of ABS/PA6-Compatibilized Blends via In Situ Reactive Extrusion. <b>2020</b> , 5, 15257-15267	3
91	Non-isothermal crystallization kinetics of polyvinyl alcohol plasticized with glycerol and pentaerythritol. <b>2020</b> , 27, 1	5
90	Effect of thermal aging on crystallization behaviors and dynamic mechanical properties of glass fiber reinforced polyphenylene sulfide (PPS/GF) composites. <b>2020</b> , 27, 1	9
89	Non Isothermal Crystallization Kinetics and Isothermal Decomposition of Poly(Ethylene-Co-Vinylalcohol/Poly(D,L-Lactic-Co-Glycolic Acid) Blend. <b>2020</b> , 10, 425	1
88	Nonisothermal crystallization behaviors of ethylene-acrylic acid copolymer and ethylene-acrylic acid copolymer/chloroprene rubber thermoplastic vulcanizate. <b>2020</b> , 089270572093913	
87	Interfacial crystallization behavior of poly(ether-ether-ketone) on polyimide-modified CCF300 carbon fibers. <b>2020</b> , 41, 2433-2445	4
86	Effect of Organic Modifier and Clay Content on Non-Isothermal Cold Crystallization and Melting Behavior of Polylactide/Organovermiculite Nanocomposites. <b>2020</b> , 12,	7
85	Effect of Silver Nanoparticles on the Microstructure, Non-Isothermal Crystallization Behavior and Antibacterial Activity of Polyoxymethylene. <b>2020</b> , 12,	5
84	Quantitative nanoscale measurements of the thermomechanical properties of poly-ether-ether-ketone (PEEK). <b>2020</b> , 58, 1544-1552	3
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82	Thermal behavior and soil biodegradation for blends of poly(hydroxybutyrate)/ethylene vinyl acetate copolymer (EVA 60) with 1 mass% NH <sub>4</sub> Cl. <b>2021</b> , 78, 729-751	2
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