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In situ composites: Blends of isotropic polymers and thermotropic liquid crystalline polymers

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485	Blends of a Liquid Crystalline Copolyester with Polyethersulphone. 1987 , 153, 491-500		8
484	Linear low density polyethylenes and their blends: Part 5 extensional flow of LLDPE blends. <i>Polymer Engineering and Science</i> , 1987 , 27, 1523-1529	2.3	44
483	Synthetic and biological composites formed by in situ precipitation. 1988 , 23, 3801-3815		114
482	Compatibility of blends of poly(butylene terephthalate) and liquid crystal polymers: a DSC study. 1988 , 137, 105-114		19
481	Polymer Blend of Polycarbonate and Thermotropic Liquid Crystalline Polyester with a Long Flexible Spacer in the Main Chain. 1989 , 21, 851-861		26
480	Shear viscosity of polybutyleneterephthalate/liquid crystal polymer blends. 1989 , 28, 417-422		33
479	Physical properties of blends of polycarbonate and a liquid crystalline copolyester. <i>Polymer Engineering and Science</i> , 1989 , 29, 244-257	2.3	120
478	The effect of deformation history on the morphology and properties of blends of polycarbonate and a thermotropic liquid crystalline polymer. <i>Polymer Engineering and Science</i> , 1989 , 29, 573-580	2.3	145
477	Characterization of liquid crystalline polyester polycarbonate blends. <i>Polymer Engineering and Science</i> , 1989 , 29, 600-608	2.3	98
476	Liquid Crystal Polymers. XI. Liquid Crystal Aromatic Polyesters: Early History and Future Trends. 1989 , 169, 23-49		25
475	Processing Rheology of Liquid Crystalline Polymers: A Review. 1989 , 169, 83-95		4
474	Shrinkage of blends of amorphous polymers with polymeric liquid crystals. 1989 , 23, 253-263		4
473	In Situ Composites Based on Thermotropic and Flexible Polymers. 1989 , 171, 165		2
472	Processing and properties of blends with liquid crystal polymers. 1990 , 38, 183-193		9
471	Morphology of Polyamideliqid Crystalline Polymer Blend. 1990 , 215, 139		1
470	A method of forming composite structures using in situ-formed liquid crystal polymer fibers in a thermoplastic matrix. <i>Polymer Composites</i> , 1990 , 11, 10-18	3	75
469	Rheology-morphology relationships in nylon 6/liquid-crystalline polymer blends. <i>Polymer Engineering and Science</i> , 1990 , 30, 7-12	2.3	80

468	Speculation on interfacial adhesion and mechanical properties of blends of PET and thermotropic polyester with flexible spacer groups. <i>Polymer Engineering and Science</i> , 1990 , 30, 13-21	2.3	58
467	Polymer blend containing a thermotropic polyester with long flexible spacer in the main chain. <i>Polymer Engineering and Science</i> , 1990 , 30, 22-29	2.3	33
466	Characterization and processing of blends of polyethylene terephthalate with several liquid crystalline polymers. <i>Polymer Engineering and Science</i> , 1990 , 30, 519-526	2.3	95
465	Morphology and mechanical properties of thermoplastic composites containing a thermotropic liquid crystalline polymer. <i>Polymer Engineering and Science</i> , 1990 , 30, 532-542	2.3	135
464	Polymer blends containing liquid crystals: A Review. <i>Polymer Engineering and Science</i> , 1990 , 30, 1005-1018	3	261
463	The morphology of extruded blends containing a thermotropic liquid crystalline polymer. <i>Polymer Engineering and Science</i> , 1990 , 30, 1442-1453	2.3	80
462	Viscometric behaviour of Kevlar fibre filled liquid crystalline solutions of ethyl cellulose in m-cresol. 1990 , 22, 185-191		1
461	Properties of polymer liquid crystals: choosing molecular structures and blending. 1990 , 31, 979-995		153
460	Blend composites based on liquid crystal thermoplast. Review. 1991 , 33, 1-37		14
459	Viscoelasticity and effects of interphase interaction in blends of conventional and liquid-crystalline thermoplasts. 1991 , 33, 160-167		2
458	Polymer liquid crystalline materials. 1991 , 36, 165-186		4
457	Computer analysis of morphology and distribution of finely dispersed liquid crystal domains in a conventional matrix polymer. <i>Composites Science and Technology</i> , 1991 , 41, 179-192	8.6	1
456	Blends of a thermotropic liquid-crystal polyester with poly(phenylene sulphide). 1991 , 32, 1961-1969		64
455	Physical properties of blends of a liquid crystalline copolyester with poly(butylene terephthalate). 1991 , 32, 682-689		14
454	Polyimides. 1991 , 16, 561-694		706
453	Characterization of blends of polypropylene with a semirigid liquid-crystal copolyester. 1991 , 27, 723-727		28
452	Structure development during flow of polyblends containing liquid crystalline polymers. <i>Polymer Engineering and Science</i> , 1991 , 31, 451-458	2.3	111
451	Structure and properties of molded polyblends containing liquid crystalline polymers. <i>Polymer Engineering and Science</i> , 1991 , 31, 459-466	2.3	68

450	Studies on a diphenylether modified poly(phenyl-1,4, phenylene terephthalate) liquid crystalline polymer and its blends with polycarbonate and polysulfone. <i>Polymer Engineering and Science</i> , 1991 , 31, 954-962	2.3	25
449	The dynamic properties, temperature transitions, and thermal stability of poly (etherether ketone)-thermotropic liquid crystalline polymer blends. <i>Polymer Engineering and Science</i> , 1991 , 31, 963-970	2.3	52
448	Rheology, morphology, and mechanical characteristics of poly(etherether ketone)-liquid crystal polymer blends. <i>Polymer Engineering and Science</i> , 1991 , 31, 971-980	2.3	91
447	Crystallization behavior of polyphenylenesulfide. <i>Polymer Engineering and Science</i> , 1991 , 31, 1271-1278	2.3	38
446	In situ composite fibers: Blends of liquid crystalline polymer and poly (ethylene terephthalate). <i>Polymer Engineering and Science</i> , 1991 , 31, 1533-1538	2.3	22
445	Thermal properties of blends of poly(ethylene terephthalate) and a liquid crystalline copolyester. 1991 , 26, 571-578		4
444	Rheology and Physical Properties of Polysulfone in-situ Reinforced with a Thermotropic Liquid-Crystalline Polyester. 1991 , 23, 1347-1357		26
443	The Effect of Thermotropic LC Polyesters on the Crystallization Rate and Mechanical Properties of Poly(ethylene terephthalate) Film. 1991 , 23, 1339-1345		5
442	In situ Formation of Thermoplastic Composites: Ultem/Vectra. 1991 , 25, 788-808		24
441	Shear flow characterization of blends containing liquid crystal polymers. 1992 , 56, 151-159		27
440	Blends of Poly(ether ether ketone) with a Thermotropic Liquid Crystalline Polyester I. The Morphology, Crystallization, and Melting Behavior. 1992 , 24, 999-1007		16
439	In-situ composites: Evaluation of the adhesion between the thermoplastic matrix and the fibers of liquid crystalline polymer. <i>Polymer Composites</i> , 1992 , 13, 169-173	3	6
438	Blends containing liquid crystalline polymers: Preparation and properties of melt-drawn fibers, unidirectional prepregs, and composite laminates. <i>Polymer Composites</i> , 1992 , 13, 394-401	3	37
437	Slit die flow measurements of a liquid crystalline polyesteramide and its blends with polyarylate. <i>Polymer Engineering and Science</i> , 1992 , 32, 43-48	2.3	16
436	Crystallization behavior of polyphenylene sulfide in blends with a liquid crystalline polymer. <i>Polymer Engineering and Science</i> , 1992 , 32, 57-64	2.3	44
435	Mechanical properties and morphology of polymer blends of poly(ethylene terephthalate) and semiflexible thermotropic liquid crystalline polyesters. <i>Polymer Engineering and Science</i> , 1992 , 32, 73-79	2.3	25
434	Blends of a liquid crystalline polymer with polyether ether ketone. <i>Polymer Engineering and Science</i> , 1992 , 32, 85-93	2.3	39
433	Processing of thermotropic liquid crystalline polymers and their blends—analysis of an in-situ LCP composite system. <i>Polymer Engineering and Science</i> , 1992 , 32, 400-408	2.3	46

432	Characterization of thermotropic liquid crystalline polyester/polysulfone blends. <i>Polymer Engineering and Science</i> , 1992 , 32, 854-860	2.3	27
431	Blends of a chlorinated poly(vinyl chloride) compound and a thermotropic liquid crystalline copolyester: Mechanical properties of squeezed flow films. <i>Polymer Engineering and Science</i> , 1992 , 32, 1028-1036	2.3	4
430	Properties of a thermotropic liquid crystalline polymer blended with different thermoplastics. <i>Polymer Engineering and Science</i> , 1992 , 32, 1876-1885	2.3	28
429	A study of polycarbonate-liquid crystal polymer blends. 1992 , 28, 271-275		12
428	Properties of a blend of poly(phenylene ether) with a liquid-crystalline polymer. 1992 , 33, 4322-4330		8
427	Blends of poly(aryl ether ether ketone) with thermotropic liquid-crystalline copolyesters: 2. Crystallization kinetics. 1992 , 33, 3893-3898		11
426	Mechanical and structural properties of extruded strands of blends containing a liquid-crystalline polyester with poly(ethylene terephthalate). 1992 , 33, 4756-4762		31
425	Compatibility and transesterification in binary polymer blends. 1992 , 33, 2019-2030		291
424	Copolyarbonates derived from bisphenol A phthalates. 1992 , 33, 5309-5314		1
423	Fibres from polypropylene and liquid crystal polymer blends: 3. A comparison of polyblend fibres containing Vectra A900, Vectra B950 and Rodrun LC3000. 1993 , 34, 3597-3604		36
422	The processing of ternary LCP/LCP/thermoplastic blends. 1993 , 34, 684-690		48
421	The role of partial miscibility on the properties of blends of a polyetherimide and two liquid crystalline polymers. 1993 , 34, 708-715		47
420	The effect of compatibilization on blends of polypropylene with a liquid-crystalline polymer. 1993 , 34, 759-766		131
419	Fibres from polypropylene and liquid crystal polymer (LCP) blends: 1. Effect of LCP concentration. 1993 , 34, 1196-1201		40
418	Thermotropic polyesters: synthesis and properties of highly disordered copolymers. 1993 , 34, 1471-1476		6
417	Polyethylene-polyethylene microfibrillar composites. 1993 , 28, 1081-1089		16
416	Studies on blends of a thermotropic liquid crystalline polymer and polybutylene terephthalate. 1993 , 30, 353-360		16
415	Blending of modified polyphenylene ether with a liquid crystalline copolyester. 1993 , 28, 3228-3234		1

414	Mechanical properties of in situ composites based on partially miscible blends of polyetherimide and liquid crystalline polymers. <i>Polymer Composites</i> , 1993 , 14, 214-223	3	35
413	Rheological and physical properties of polyarylate/LCP blend systems. <i>Polymer Engineering and Science</i> , 1993 , 33, 630-639	2.3	35
412	Blends of a thermotropic liquid crystalline polymer and a thermoplastic elastomer. I: Mechanical properties and morphology. <i>Polymer Engineering and Science</i> , 1993 , 33, 754-763	2.3	41
411	Effect of drawing on structure and properties of a liquid crystalline polymer and polycarbonate in-situ composite. <i>Polymer Engineering and Science</i> , 1993 , 33, 789-798	2.3	66
410	Processing and properties of polyimide melt blends containing a thermotropic liquid crystalline polymer. <i>Polymer Engineering and Science</i> , 1993 , 33, 799-807	2.3	21
409	Fibers from blends of PET and thermotropic liquid crystalline polymer. <i>Polymer Engineering and Science</i> , 1993 , 33, 931-936	2.3	15
408	Synthesis and characterization of block copolymers of polyether sulfone with liquid crystalline polyesters. 1993 , 34, 28-34		11
407	Miscibility and viscoelastic properties of blends of a liquid-crystalline polymer and poly(ethylene terephthalate). 1993 , 34, 4703-4709		26
406	Polymer Blends and Alloys. 1993 ,		165
405	Morphology-rheology relationships in incompatible blends based on thermotropic liquid crystalline polymers. 1993 , 68, 277-290		4
404	Rheological and Physical Properties of Liquid Crystalline Polymer Blends. 1994 , 254, 251-265		4
403	Additive Effects on Thermotropic Liquid Crystal Polymer Alloys I. Effects of Third Component of Thermotropic Liquid Crystal Polymer on Mechanical Properties of Vectra A-Reinforced Polycarbonate. 1994 , 26, 939-952		13
402	High performance polymer blends. 1994 , 297-327		28
401	Microstructure formation in polyblends containing liquid crystalline polymers. 1994 , 35, 5061-5066		39
400	Preparation of laminates having isotropically molecular orientation of a liquid crystalline polymer in poly(ethylene terephthalate) matrix. 1994 , 35, 5138-5140		2
399	Mechanical properties of in situ composites based on polycarbonate and a liquid crystalline polymer. 1994 , 35, 3463-3469		25
398	The synthesis and characterization of novel thermotropic liquid crystalline poly(aryl ether ketone)s. <i>Polymer Engineering and Science</i> , 1994 , 34, 781-793	2.3	19
397	Mechanical properties and morphology of liquid crystalline copolyester-amide and amorphous polyamide blends. <i>Polymer Engineering and Science</i> , 1994 , 34, 847-856	2.3	22

396	Polymer blends of polyethersulfone with all aromatic liquid crystalline co-polyester. <i>Polymer Engineering and Science</i> , 1994 , 34, 1129-1136	2.3	15
395	Thermal and mechanical properties of injection molded liquid crystalline polymer/amorphous polymer blends. <i>Polymer Engineering and Science</i> , 1994 , 34, 1336-1345	2.3	36
394	Thermal and mechanical properties of injection molded blends of a liquid crystalline polymer and poly(butylene terephthalate). <i>Polymer Engineering and Science</i> , 1994 , 34, 1346-1353	2.3	25
393	Rheology and physical properties of ternary blends containing a thermotropic liquid crystalline copolyester. <i>Polymer Engineering and Science</i> , 1994 , 34, 1605-1612	2.3	14
392	Elastic modulus of in-situ composites of a liquid crystalline polymer and polycarbonate. <i>Polymer Composites</i> , 1994 , 15, 156-162	3	24
391	Phase behavior in thermotropic liquid crystalline polymer and polyarylethersulfone blends. 1994 , 30, 325-328		2
390	Blends of polyolefins and semiflexible liquid crystalline polyesters. Part 1. Thermogravimetric analysis. 1994 , 235, 67-79		5
389	Characterization and processing of blends of poly(ether imide) with thermotropic liquid crystalline polymer. 1994 , 35, 519-531		59
388	Segmented Liquid Crystalline Copolymers and Blending with Engineering Plastics. 1994 , 26, 1309-1317		2
387	Additive Effects on Thermotropic Liquid Crystal Polymer Alloys III. Effects of Third Component of Thermotropic Liquid Crystal Polymer on Mechanical Properties of Blends of Ekonol and Polyarylate. 1994 , 26, 961-966		7
386	Additive Effects on Thermotropic Liquid Crystal Polymer Alloys II. Effects of Third Component of Thermotropic Liquid Crystal Polymer on Mechanical Properties of Vectra A-Reinforced Poly(butylene terephthalate). 1994 , 26, 953-960		15
385	Study of the Processing and Mechanical Properties of In Situ Composite Materials of Thermoplastics with Thermotropic Liquid Crystalline Polymers. 1994 , 33, 445-455		4
384	A Study of the Miscibility and the Rheological Properties of Thermotropic Liquid Crystalline Polymers in Thermoplastic Matrix. 1994 , 25, 243-253		3
383	The Processing and Mechanical Properties of In-situ Thermotropic Liquid Crystalline Polymer Composite Materials. 1994 , 23, 207-214		3
382	Structure and mechanical properties of the extruded blends of a liquid crystalline polymer with polypropylene. 1995 , 30, 353-360		29
381	Morphology and mechanical properties of liquid crystalline copolyester and poly(ethylene 2,6-naphthalate) blends. <i>Polymer Engineering and Science</i> , 1995 , 35, 538-545	2.3	11
380	In situ composite: Phenolphthalein polyethersulfone-thermotropic liquid crystalline polymer blends. <i>Polymer Engineering and Science</i> , 1995 , 35, 658-665	2.3	7
379	Reinforcement of mechanical properties of a poly(ethylene terephthalate) and polycarbonate blend by the addition of thermotropic liquid crystalline polymer. <i>Polymer Engineering and Science</i> , 1995 , 35, 1137-1144	2.3	17

- 378 Rheology and thermal properties of liquid crystalline copolyester and poly(ethylene 2,6-naphthalate) blends. *Polymer Engineering and Science*, **1995**, 35, 1421-1432 2.3 11
- 377 Blends of thermotropic liquid crystalline polyesters and poly(butylene terephthalate): Thermal, mechanical, and morphological properties. *Polymer Engineering and Science*, **1995**, 35, 1605-1614 2.3 14
- 376 Effect of die geometry on the structural development of a thermotropic liquid crystalline polymer in a thermoplastic elastomer matrix. *Polymer Engineering and Science*, **1995**, 35, 1621-1628 2.3 15
- 375 Self-reinforced prepregs and laminates of a poly(phenylene oxide) polystyrene alloy with a liquid crystalline polymer. **1995**, 36, 1585-1596 5
- 374 Blends of Thermotropic Liquid Crystalline Polymer with a Flexible Side Group and Poly(butylene terephthalate). **1995**, 27, 780-789 11
- 373 Preliminary Study of the Elevated Temperature Tribological Behavior of Poly(ether-ether-ketone)-based In Situ Composites Under Unlubricated Sliding Conditions. **1995**, 38, 305-310 11
- 372 Injection Molding of In-situ Reinforced Thermoplastic Composites Containing Thermotropic Liquid Crystalline Polymers. **1995**, 28, 227-237 2
- 371 Miscibility and Rheology of In-situ Composite Materials of Thermoplastics with Thermotropic Liquid Crystalline Polymers II. **1995**, 28, 1-10 2
- 370 Correlation of Mechanical Properties with Morphology, Rheology, and Processing Parameters for Thermotropic Liquid Crystalline Polymer-Containing Blends. **1995**, 35, 1-13 17
- 369 Processing and Associated Properties of In Situ Composites Based on Thermotropic Liquid Crystalline Polymers and Thermoplastics. **1995**, 35, 183-238 85
- 368 Effects of Chemical Modification of Liquid Crystalline Polymer on the Rheological, Morphological, and Mechanical Properties of Nylon 6/Liquid Crystalline Polymer Blends. **1995**, 27, 693-702 6
- 367 Polypropylene alloys and blends with thermoplastics. **1995**, 50-94 17
- 366 Dielectric and Mechanical Relaxation in the Blends of a Polymer Liquid Crystal with Polycarbonate. *Macromolecules*, **1996**, 29, 5017-5025 5.5 32
- 365 Preparation and properties of self-reinforced polypropylene/liquid crystalline polymer composites. **1996**, 102, 399-407 5
- 364 Interrelationships between Rheological, Morphological, and Mechanical Properties of Polystyrene/Liquid Crystalline Polymer Blends. **1996**, 28, 527-534 17
- 363 Synthesis and characterization of segmented copolymers of aromatic polyether sulfone and thermotropic liquid crystalline poly(oxy-1,4-phenylenecarbonyl-co-oxy-2,6-naphthaloyl). **1996**, 43, 250-255 8
- 362 Synthesis and characterization of aromatic liquid crystalline poly(ester-imide)s derived from an imidodicar?ylic acid. **1996**, 37, 4397-4402 5
- 361 Transport and mechanical properties of PET/ Rodrun 3000 blown films. **1996**, 37, 2373-2377 22

360	In situ composites based on blends of a poly(ether imide) and thermotropic liquid crystalline polymers under injection moulding conditions. 1996 , 37, 1985-1997		33
359	Blends of a longitudinal polymer liquid crystal with polycarbonate: relation of the phase diagram to mechanical properties. 1996 , 37, 1551-1560		33
358	The mechanical properties of ternary liquid-crystalline polymer blends. 1996 , 37, 2087-2094		23
357	The relation between spinnability of thermotropic liquid-crystalline polymers and their submicrometers reinforcing function in polymer blends. 1996 , 37, 969-974		13
356	Morphology and crystallization of blends of linear low density polyethylene with a semiflexible liquid crystalline polymer. 1996 , 274, 34-42		5
355	Tribological behavior of polyetheretherketone, a thermotropic liquid crystalline polymer and in situ composites based on their blends under dry sliding conditions at elevated temperatures. 1996 , 200, 105-121		34
354	Sheet extrusion of microcomposites based on thermotropic liquid crystalline polymers and polypropylene. <i>Polymer Composites</i> , 1996 , 17, 73-85	3	9
353	The modulus of shear-induced fibers from a thermotropic liquid crystalline polymer in a thermoplastic matrix. <i>Polymer Composites</i> , 1996 , 17, 423-429	3	4
352	In situ composites based on blends of a polyetherimide and thermotropic liquid crystalline polymers subjected to shearfree deformations. <i>Polymer Composites</i> , 1996 , 17, 578-595	3	7
351	Liquid-crystal polymer fiber production and reinforcing in ribbons of poly(ether imide)/vectra-B blends. <i>Polymer Composites</i> , 1996 , 17, 919-925	3	5
350	Extrusion blow molding of microcomposites based on thermotropic liquid crystalline polymers and polypropylene. <i>Polymer Engineering and Science</i> , 1996 , 36, 378-386	2.3	4
349	A study on the ternary blends of polyphenylenesulfide, polysulfone, and liquid crystalline polyesteramide. <i>Polymer Engineering and Science</i> , 1996 , 36, 574-582	2.3	15
348	Liquid crystalline polymer blends with stabilized viscosity. <i>Polymer Engineering and Science</i> , 1996 , 36, 713-720	2.3	19
347	Structural properties and impact fracture behavior of injection molded blends of liquid crystalline copolyester and modified poly(phenylene oxide). <i>Polymer Engineering and Science</i> , 1996 , 36, 797-806	2.3	8
346	Thermal conductivity and thermal expansivity of in situ composites of a liquid crystalline polymer and polycarbonate. <i>Polymer Engineering and Science</i> , 1996 , 36, 827-834	2.3	16
345	The effect of compatibilization on the behavior of a polycarbonate/polymer liquid crystal blend. <i>Polymer Engineering and Science</i> , 1996 , 36, 1038-1046	2.3	9
344	Elastic moduli of a liquid crystalline polymer and its in-situ composites. <i>Polymer Engineering and Science</i> , 1996 , 36, 1256-1265	2.3	7
343	Generation of fibrillar morphology in blends of block copolyetheresteramide and liquid crystal polyester. <i>Polymer Engineering and Science</i> , 1996 , 36, 1636-1646	2.3	25

342	Formation, stability, and properties of in-situ composites based on blends of a thermotropic liquid crystalline polymer and a thermoplastic elastomer. <i>Polymer Engineering and Science</i> , 1996 , 36, 2451-2466 ^{2,3}	2.3	52
341	Liquid crystalline polymer (LCP) reinforced polyethylene blend blown film: Effects of counter-rotating die on fiber orientation and film properties. <i>Polymer Engineering and Science</i> , 1996 , 36, 2708-2717	2.3	22
340	A compatibilizer for a blend of polysulfone with a liquid crystalline polyester. <i>Polymer Engineering and Science</i> , 1996 , 36, 2781-2784	2.3	5
339	The Mechanical Properties and Deformation of Shear-Induced Polymer Liquid Crystalline Fibers in an Engineering Thermoplastic. 1996 , 30, 1613-1626		17
338	Self-Reinforcing Polymer Blends Containing a Liquid Crystalline Polymer: Processing, Microstructure and Properties. 1996 , 8, 109-118		2
337	Synthesis and characterization of block copolymers having liquid crystalline behaviour. 1996 , 20, 261-264		2
336	The influence of chemical structure on the relaxation properties of heat-resistant aromatic polymers. 1996 , 65, 677-707		2
335	Polypropylene/Polyamide 6 in situ Composite. 1997 , 29, 975-982		17
334	Thermal Properties and Morphology of Liquid Crystalline Copolyester and Polyester Elastomer Blends. 1997 , 34, 1645-1664		
333	Influence of Drawing Down on the Properties of Thermotropic Liquid Crystalline Polymer/Polyether Sulfone Composites. 1997 , 29, 881-883		6
332	Composites. 2. Reinforcement of Poly(E-caprolactone) via Lyotropic Blends of Rigid-Rod Polyesters Derived from Substituted Terephthalic Acids. <i>Macromolecules</i> , 1997 , 30, 2642-2650	5.5	6
331	The Role of Transesterification on the Miscibility in Blends of Polycarbonate and Liquid Crystalline Copolyester. <i>Macromolecules</i> , 1997 , 30, 1587-1593	5.5	46
330	Blends of phenolphthalein poly(ether ether sulfone) with a thermotropic liquid crystalline copolyester. <i>Journal of Macromolecular Science - Physics</i> , 1997 , 36, 153-167	1.4	1
329	Fatigue behaviour of injection-moulded polymer blends of polypropylene and liquid crystalline polyester. 1997 , 38, 113-118		9
328	Injection moulding of self-reinforcing polymers and polymer blends. 1997 , 32, 1319-1324		2
327	Synthesis and characterization of segmented copolymers of aromatic polyether sulfone with liquid crystalline polyesters containing flexible spacers. 1997 , 4, 101-106		1
326	Wholly thermoplastic composites from woven preforms based on nylon-11 fibers reinforced in situ with a hydroquinone-based liquid crystalline polyester. <i>Polymer Composites</i> , 1997 , 18, 526-538	3	13
325	Effect of processing history on the morphology and properties of polypropylene/thermotropic liquid crystalline polymer blends. <i>Polymer Engineering and Science</i> , 1997 , 37, 59-72	2.3	46

324	Reactive extrusion of in-situ composite based on PET and LCP blends. <i>Polymer Engineering and Science</i> , 1997 , 37, 646-652	2.3	35
323	Stability of blends of thermotropic liquid crystalline polymers with thermoplastic polymers. <i>Polymer Engineering and Science</i> , 1997 , 37, 1512-1525	2.3	26
322	The effect of composition on thermal, mechanical, and morphological properties of thermotropic liquid crystalline polyester with alkyl side-group and polycarbonate blends. <i>Polymer Engineering and Science</i> , 1997 , 37, 1564-1571	2.3	11
321	Effect of single screw extrusion through a round die on the morphology of POM/PP blends. 1997 , 63, 476-480		9
320	Properties and morphology of injection moulded liquid crystalline polymer/polycarbonate blends. 1997 , 63, 488-493		8
319	Melt flow behavior of liquid crystalline polymer in-situ composites. 1997 , 63, 519-523		8
318	Poly(phenylene sulfide)/liquid crystalline polymer blends: 1. Non-isothermal crystallization kinetics. 1997 , 38, 2209-2214		38
317	Miscibility in blends of liquid crystalline poly(p-oxybenzoate-co-p-phenyleneisophthalate) and polycarbonate. 1997 , 38, 3521-3532		19
316	Morphology and mechanical characteristics of compatibilized polyamide 6-liquid crystalline polymer composites. 1997 , 38, 4609-4615		61
315	In-situ hybrid composites containing reinforcements at two orders of magnitude. 1997 , 38, 4279-4283		41
314	The role of partial miscibility on the properties of ternary blends of liquid crystalline copolyesters and polyetherimide. 1998 , 39, 2103-2109		9
313	Performance of potassium titanate whisker reinforced polyamide-6 composites. 1998 , 39, 5461-5466		63
312	Blending thermotropic liquid crystal and thermoplastic polymers for microreinforcement. 1998 , 39, 5069-5073	20	
311	Effects of processing conditions on the mechanical performance of maleic anhydride compatibilized in-situ composites of polypropylene with liquid crystalline polymer. <i>Polymer Composites</i> , 1998 , 19, 1-10	3	23
310	Fiber reinforcement and fracture resistance of PC/PBT/LCP ternary in situ composite. <i>Polymer Engineering and Science</i> , 1998 , 38, 156-168	2.3	17
309	Semicrystalline thermoplastic polyimide + polymer liquid crystal blends: Nonisothermal calorimetry and thermogravimetry. <i>Polymer Engineering and Science</i> , 1998 , 38, 204-212	2.3	7
308	A study on the ternary blends of nylon 6, a thermotropic liquid crystalline polymer, and a thermoplastic elastomer. <i>Polymer Engineering and Science</i> , 1998 , 38, 596-604	2.3	26
307	The interfacial tension between a thermotropic liquid crystalline copolyester and polyethersulfone: A comparison of methods. <i>Polymer Engineering and Science</i> , 1998 , 38, 1536-1548	2.3	9

306	Study on the Morphology and Mechanical Properties of Binary and Ternary Blends of Semiaromatic LCP/PP/PC. 1998 , 37, 253-259		2
305	Unexpected Strengthening of Polyamide 11 with Liquid Crystalline Oligomers of 2-Alkoxy-4-hydroxybenzoic Acids. 1. <i>Macromolecules</i> , 1998 , 31, 8595-8599	5.5	2
304	Injection molding of poly(ethylene terephthalate) reinforced with pregenerated thermotropic liquid crystalline polymer microfibrils. <i>Polymer Composites</i> , 1999 , 20, 3-18	3	6
303	Separation of a thermotropic liquid crystalline polymer from polypropylene composites. <i>Polymer Composites</i> , 1999 , 20, 423-435	3	17
302	Processing and composition dependence of the structure and mechanical properties of polycarbonate/ultrax blends. <i>Polymer Composites</i> , 1999 , 20, 553-564	3	5
301	Enhancement of fiber structure formation of a liquid crystalline copolyester via ultra-high speed bicomponent spinning with poly(ethylene terephthalate). <i>Polymer Engineering and Science</i> , 1999 , 39, 89-98	2.3	22
300	Effect of compatibilizers on mechanical properties and morphology of in-situ composite film of thermotropic liquid crystalline polymer/polypropylene. <i>Polymer Engineering and Science</i> , 1999 , 39, 312-320	2.3	20
299	Reinforcement of polyamide 6 with thermotropic liquid crystalline polymer. <i>Polymer Engineering and Science</i> , 1999 , 39, 872-880	2.3	7
298	In-situ generation of polyamide-6 fibrils in polypropylene processed with a single screw extruder. <i>Polymer Engineering and Science</i> , 1999 , 39, 881-886	2.3	25
297	Polymer-dispersed liquid-crystal polymers (PDLCs). Morphology of the LCP droplets. <i>Polymer Engineering and Science</i> , 1999 , 39, 1891-1902	2.3	6
296	Influence of a reactive terpolymer on the properties of in situ composites based on polyamides and thermotropic liquid crystalline polyesters. 1999 , 40, 701-716		18
295	Miscibility enhancement of modified polystyrene blends with a liquid crystalline polymer. 1999 , 40, 959-969		20
294	Properties and morphology of polyamide 6 hybrid composites containing potassium titanate whisker and liquid crystalline copolyester. 1999 , 40, 1109-1117		75
293	Synthesis and characterization of liquid crystalline multiblock copolyesters of oxybenzoate and ethylene terephthalate. 1999 , 40, 3843-3853		9
292	Morphology and properties of compatibilized ternary blends (nylon 6/a thermotropic liquid crystalline polymer/a functionalized polypropylene) processed under different conditions. 1999 , 40, 4441-4450		28
291	Crystallization of poly(butylene terephthalate) blends containing liquid crystalline polymer component. 1999 , 40, 4865-4875		13
290	Thermal decomposition of technological polymer blends 1. Poly(aryl ether ether ketone) with a thermotropic liquid crystalline polymer. 1999 , 66, 405-413		44
289	The effect of a third component on the morphology and mechanical properties of liquid-crystalline polymer and polypropylene in situ composites. Some of the results in this paper were presented in the conference of APME'97 in April 1997. 1. <i>Composites Science and Technology</i> , 1999 , 59, 291-296	8.6	21

288	The influence of processing variables on the mechanical properties of injection molded pregenerated microcomposites. <i>Composites Part B: Engineering</i> , 1999 , 30, 297-308	10	12
287	Thermal and mechanical properties of amorphous copolyester (PETG)/LCP blends. 1999 , 35, 1439-1443		16
286	Modification of the processing window of a thermotropic liquid crystalline polymer by blending with another thermotropic liquid crystalline polymer. <i>Journal of Applied Polymer Science</i> , 1999 , 73, 2209-2218	2.9	10
285	Effect of electrochemical treatment on pull-out properties of 73/27 HBA/HNA copolyester fibers in thermosetting matrix. <i>Journal of Applied Polymer Science</i> , 1999 , 74, 15-21	2.9	7
284	Liquid crystallization of poly(styrene-co-maleic anhydride) induced by intermolecular hydrogen bonds. <i>Journal of Applied Polymer Science</i> , 1999 , 74, 97-105	2.9	9
283	Rheological and thermal properties of blends of modified poly(ethylene terephthalate) with p-acetoxybenzoic acid and poly(butylene terephthalate). <i>Journal of Applied Polymer Science</i> , 1999 , 74, 1797-1806	2.9	7
282	Comparison of the phase behaviour of the liquid-crystalline polymer/poly(methyl methacrylate) and poly(vinyl acetate)/poly(methyl methacrylate) blends. 1999 , 48, 117-123		5
281	Coinjection Molded Pregenerated Microcomposites. 1999 , 31, 143-161		1
280	Polyesters, Thermoplastic. 2000 ,		
279	The effect of mixing shear rate on the properties of liquid crystalline polymer/polyethylene terephthalate blends. <i>Journal of Applied Polymer Science</i> , 2000 , 75, 1783-1787	2.9	7
278	Compatibilizing effect of styrene-maleic anhydride copolymer on the properties of polyamide-6/liquid crystalline copolyester composites. <i>Journal of Applied Polymer Science</i> , 2000 , 77, 1964-1974	2.9	14
277	Ester-imide exchange in blends of liquid-crystalline copolyester and polyamide 6. 2000 , 38, 2124-2135		10
276	Rheological behavior and prediction for blending conditions of a thermotropic liquid crystalline polyester with nylon. <i>Polymers for Advanced Technologies</i> , 2000 , 11, 153-158	3.2	10
275	Recycling of the Rodrun LC-5000 LCP/polycarbonate in situ composites. 2000 , 41, 7391-7397		8
274	Processing conditions and compatibilizing effects on reinforcement of polypropylene-liquid crystalline polymer blends. <i>Polymer Composites</i> , 2000 , 21, 84-95	3	11
273	Rheology, morphology and properties of LCP/Nylon 66 composite fibers. <i>Polymer Composites</i> , 2000 , 21, 114-123	3	28
272	Properties of films from polypropylene and thermotropic liquid crystalline polymer blends. <i>Polymer Composites</i> , 2000 , 21, 354-360	3	8
271	Processing and properties of injection molded thermoplastic composites reinforced with melt processable glasses. <i>Polymer Composites</i> , 2000 , 21, 645-659	3	15

270	Extensional processing behavior of thermoplastics reinforced with a melt processable glass. <i>Polymer Composites</i> , 2000 , 21, 900-917	3	10
269	The influence of processing variables on injection molded in situ composites based on polyphenylene sulfide and a melt processable glass. <i>Composites Part B: Engineering</i> , 2000 , 31, 209-221	10	11
268	In situ hybrid composites of thermoplastic poly(ether ether ketone), poly(ether sulfone) and polycarbonate. <i>Composites Science and Technology</i> , 2000 , 60, 1919-1930	8.6	44
267	Miscibility in blends of liquid crystalline copolyester and semicrystalline poly(ethylene-2,6-naphthalene dicarboxylate). 2000 , 41, 9299-9304		11
266	Effect of melt viscosity of polypropylene on fibrillation of thermotropic liquid crystalline polymer in in situ composite film. 2000 , 39, 311-319		26
265	Self-Reinforced Composites of Various Polyesters with PET/HBA Based LCP. 2000 , 20,		8
264	Properties of in situ Composites Based on Semiflexible Thermotropic Liquid Crystalline Copolyesteramide and Polyamide 66 Blends. 2000 , 32, 907-914		17
263	Hybrid polymer-inorganic nanocomposites. 2000 , 69, 53-80		144
262	Induced β -Crystal Transformation in Blends of Polyamide 6 and Liquid Crystalline Copolyester. <i>Macromolecules</i> , 2000 , 33, 5181-5186	5.5	94
261	BLENDS OF THERMOTROPIC LIQUID CRYSTALLINE POLYESTER AND POLY(ETHYLENE TEREPHTHALATE). <i>Journal of Macromolecular Science - Physics</i> , 2001 , 40, 1003-1015	1.4	2
260	Structure development and crystallization behaviour of PP/nanoparticulate composite. 2001 , 42, 6723-6731		180
259	Reactive compatibilization and in-line morphological analysis of blends of PET and a thermotropic liquid crystalline polymer. <i>Polymer Engineering and Science</i> , 2001 , 41, 77-85	2.3	10
258	Microstructure development during the injection molding of PET/LCP blends. <i>Polymer Engineering and Science</i> , 2001 , 41, 603-617	2.3	11
257	Transient elongational properties of an in situ generated polymer/polymer composite. <i>Polymer Engineering and Science</i> , 2001 , 41, 684-695	2.3	21
256	Rheology of blends of a thermotropic liquid crystalline polymer with polyphenylene sulfide. <i>Polymer Engineering and Science</i> , 2001 , 41, 1506-1513	2.3	10
255	Preparation methodologies of polymer matrix nanocomposites. 2001 , 15, 435-439		54
254	Organic short fibre/thermoplastic composites: morphology and thermorheological analysis. 2001 , 42, 6515-6526		51
253	Fibers spun from poly(ethylene terephthalate) blended with a thermotropic liquid crystalline copolyester with non-coplanar biphenylene units. 2001 , 42, 8517-8527		23

252	THERMAL TRANSITIONS AND MORPHOLOGICAL BEHAVIOR OF POLYETHER ETHER KETONE AND LIQUID CRYSTALLINE POLYMER BLENDS. 2001 , 16, 427-437		4
251	Structures and Physical Properties of Poly(ethylene 2,6-naphthalate)/Liquid Crystalline Polymer Blends. 2001 , 33, 457-463		10
250	Effect of Surface Treatment on Mechanical Properties of Polyethylene Composite. 2002 , 36, 925-940		9
249	Morphology Control and Mechanical Properties of Liquid Crystalline Polymer-Polyamide Composite Fibers. 2002 , 34, 575-583		13
248	SELF REINFORCING COMPOSITE BASED ON EPR/LCP BLEND. 2002 , 41, 619-630		13
247	Poly(ethylene terephthalate)/polyethylene composite based on in-situ microfiber formation. 2002 , 41, 19-32		40
246	Structural characterization of PBT/LCP blends. 2002 , 56, 194-199		11
245	Tensile properties of poly(ethylene terephthalate) and polyethylene in-situ microfiber reinforced composite formed via slit die extrusion and hot-stretching. 2002 , 56, 756-762		64
244	Morphology of in situ poly(ethylene terephthalate)/polyethylene microfiber reinforced composite formed via slit-die extrusion and hot-stretching. 2002 , 37, 2185-2197		42
243	Liquid crystalline copolyester/polyethylene in situ composite film: Rheology, morphology, molecular orientation, and tensile properties. <i>Journal of Applied Polymer Science</i> , 2002 , 84, 561-567	2.9	15
242	Effect of compatibilization in injection-molded polycarbonate and liquid crystalline polymer blend. <i>Journal of Applied Polymer Science</i> , 2002 , 84, 568-575	2.9	16
241	Polymer-Clay Nanocomposites Based on Blends of Polyamide-6 and Polyethylene. 2002 , 80, 1083-1092		63
240	Layered morphology and bending fracture behavior of moulded composites of thermotropic liquid crystalline polymer and polyamide 6 containing epoxy component. 2002 , 323, 467-477		3
239	Compatibilization of poly(ethylene terephthalat)/liquid crystal polymer blends by means of bisphenol a polycarboate. <i>Polymer Composites</i> , 2002 , 23, 592-602	3	7
238	Interfacial compatibilization for PSF/TLCP blends by a modified polysulfone. 2002 , 43, 1437-1446		27
237	An exfoliation of organoclay in thermotropic liquid crystalline polyester nanocomposites. 2002 , 43, 2969-2974		123
236	Effects of annealing on structure and properties of TLCP/PEN/PET ternary blend fibers. 2003 , 11, 62-68		31
235	Effects of compatibilization on the essential work of fracture parameters of in situ microfiber reinforced poly(ethylene terephthalate)/polyethylene blend. 2003 , 38, 1867-1878		16

234	Compatibilization of nylon 6/liquid crystalline polymer blends with three types of compatibilizers. <i>Journal of Applied Polymer Science</i> , 2003 , 87, 1452-1461	2.9	19
233	Studies on morphology, mechanical, thermal, and rheological behavior of extrusion-blended polypropylene and thermotropic liquid crystalline polymer. <i>Journal of Applied Polymer Science</i> , 2003 , 88, 767-774	2.9	12
232	Study on PET/PP microfibrillar composites. I. Morphological development in melt extrusion. <i>Journal of Applied Polymer Science</i> , 2003 , 88, 3100-3109	2.9	46
231	Mechanical performance of blends of thermotropic liquid crystalline polymer spheres-dispersed polycarbonate. <i>Journal of Applied Polymer Science</i> , 2003 , 89, 1493-1499	2.9	3
230	Study of poly(ethylene terephthalate)/polypropylene microfibrillar composites. I. Morphological development in melt extrusion. <i>Journal of Applied Polymer Science</i> , 2003 , 89, 1743-1752	2.9	11
229	Thermotropic liquid-crystalline copolyester/thermoplastic elastomer in situ composites. I. Rheology, morphology, and mechanical properties of extruded strands. <i>Journal of Applied Polymer Science</i> , 2003 , 89, 2676-2685	2.9	22
228	Thermotropic liquid-crystalline copolyester (Rodrun LC3000)/thermoplastic elastomer (SEBS) in situ composites: II. Mechanical properties and morphology of monofilaments in comparison with extruded strands. <i>Journal of Applied Polymer Science</i> , 2003 , 90, 518-524	2.9	13
227	In situ modulus enhancement of polypropylene monofilament through blending with a liquid-crystalline copolyester. <i>Journal of Applied Polymer Science</i> , 2003 , 90, 1337-1346	2.9	19
226	Effect of ultrafine, fully vulcanized acrylate powdered rubber on the mechanical properties and crystallization behavior of nylon 6. <i>Journal of Applied Polymer Science</i> , 2003 , 90, 3503-3511	2.9	22
225	Determination of orientation parameters in drawn films of thermotropic liquid crystalline polymer/polypropylene blends using WAXS. 2003 , 44, 5951-5959		19
224	Structure, morphology, mechanical and thermal characteristics of the in situ composites based on liquid crystalline polymers and thermoplastics. 2003 , 41, 1-60		80
223	Relaxation of liquid-crystalline polymer fibers in polycarbonate liquid-crystalline polymer blend system. 2003 , 41, 2307-2312		11
222	Flow behaviour and microstructure evolution in novel SiO ₂ /PP/LCP ternary composites: effects of filler properties and mixing sequence. 2003 , 52, 276-284		23
221	Factors influencing the fiberization and mechanical properties of polypropylene/polyamide 66 in situ composites. 2003 , 52, 1131-1135		18
220	Thermal properties, structure and morphology of PEEK/thermotropic liquid crystalline polymer blends. 2003 , 52, 1876-1886		24
219	Structure and properties of amorphous polyamide/liquid crystalline polyester blends. <i>Polymer Composites</i> , 2003 , 24, 555-566	3	7
218	Blends of low-density polyethylene and liquid crystalline polymer. <i>Polymer Composites</i> , 2003 , 24, 716-723		2
217	In-situ microfiber reinforced composite based on PET and PE via slit die extrusion and hot stretching: Influences of hot stretching ratio on morphology and tensile properties at a fixed composition. <i>Polymer Engineering and Science</i> , 2003 , 43, 615-628	2.3	87

216	A rheological and morphological model for blends of flexible and rigid macromolecules. <i>Polymer Engineering and Science</i> , 2003 , 43, 1778-1787	2.3	1
215	Thermotropic liquid crystalline polymer (Rodrun LC5000)/polypropylene in situ composite films: rheology, morphology, molecular orientation and tensile properties. 2003 , 44, 3407-3415		50
214	Effect of shear heating during injection molding on the morphology of PC/LCP blends. 2003 , 51, 6269-6276		23
213	Properties and Performance of Polymer Blends. 2003 , 861-950		2
212	Liquid Crystalline Polymers, Main-Chain. 2003 ,		
211	Influences of hot stretch ratio on essential work of fracture of in-situ microfibrillar poly(ethylene terephthalate)/polyethylene blends. <i>Polymer Engineering and Science</i> , 2004 , 44, 2165-2173	2.3	19
210	Morphology and nonisothermal crystallization of in situ microfibrillar poly(ethylene terephthalate)/polypropylene blend fabricated through slit-extrusion, hot-stretch quenching. 2004 , 42, 374-385		60
209	Mutual influence of the morphology and capillary rheological properties in nylon/glass-fiber/liquid-crystalline-polymer blends. 2004 , 42, 1619-1627		22
208	Blends of a thermotropic liquid-crystalline polymer and a poly(butylene terephthalate)/organoclay nanocomposite. 2004 , 42, 3667-3676		16
207	Reinforced poly(ether sulfone) materials by blending with a semiaromatic liquid crystalline copolyester. <i>Journal of Applied Polymer Science</i> , 2004 , 91, 52-59	2.9	4
206	In situ fiber-reinforced composites from blends containing polypropylene and polycaprolactone. <i>Journal of Applied Polymer Science</i> , 2004 , 91, 833-840	2.9	11
205	Processability and mechanical performance of hybrid composites based on poly(ether sulfone) modified with a glass fiber-reinforced liquid crystalline polymer. <i>Journal of Applied Polymer Science</i> , 2004 , 91, 854-860	2.9	9
204	A gradient structure formed in injection-molded polycarbonate in situ hybrid composites and its corresponding performances. <i>Journal of Applied Polymer Science</i> , 2004 , 94, 625-634	2.9	5
203	Characterization by Fourier transform infrared spectroscopy of polyethylene adipate/cholesteryl palmitate blends. <i>Journal of Applied Polymer Science</i> , 2004 , 94, 1156-1163	2.9	7
202	Structure-property relationships of in-situ PMMA modified nano-sized antimony trioxide filled poly(vinyl chloride) nanocomposites. 2004 , 45, 2793-2802		96
201	Effect of molding temperature on crystalline and phase morphologies of HDPE composites containing PP nano-fibers. 2004 , 45, 5719-5727		10
200	Rheological and mechanical properties of PVC/CaCO ₃ nanocomposites prepared by in situ polymerization. 2004 , 45, 6665-6673		285
199	Hierarchical structure of thermotropic liquid crystalline polymer formed in blends jointly by dynamic and thermodynamic driving forces. 2004 , 45, 8051-8058		22

- 198 Synchrotron Infrared Microscopy Study of the Crystalline Morphology of the Interphase in Polypropylene/LCP-Fiber Model Composites. *Journal of Macromolecular Science - Physics*, **2004**, 43, 191-206 36
- 197 Speciality Polymer Blends of Polybutylene Terephthalate and Glass-Filled Liquid Crystalline Polymer. **2004**, 36, 77-91 3
- 196 Superfibers. **2005**, 65-98
- 195 Shear-induced interactions in blends of HMMPE containing a small amount of thermotropic copolyester HBA/HQ/SA. **2005**, 46, 10890-10896 18
- 194 Polymer Intercalation into Porous and Layered Nanostructures. **2005**, 321-376 1
- 193 Deformation behavior and nucleation activity of a thermotropic liquid-crystalline polymer in poly(butylene terephthalate)-based composites. **2005**, 13, 19-29 24
- 192 Blends of silicone rubber and liquid crystalline polymer. **2005**, 13, 81-87 13
- 191 In situ gradient nano-scale fibril formation during polypropylene (PP)/polystyrene (PS) composite fine fiber processing. **2005**, 46, 5406-5416 37
- 190 Morphology evolution of a liquid crystalline polymer confined by highly packed glass beads in polycarbonate. **2005**, 46, 7652-7657 15
- 189 Anisotropic mechanical properties of thermoplastic elastomers in situ reinforced with thermotropic liquid-crystalline polymer fibers revealed by biaxial deformations. **2005**, 43, 135-144 36
- 188 In Situ fibril formation of thermotropic liquid crystal polymer in polyesters blends. **2005**, 43, 3600-3610 35
- 187 Mechanical, dynamic mechanical properties and thermal stability of fluorocarbon elastomer/liquid crystalline polymer blends. *Polymer Composites*, **2005**, 26, 306-315 3 7
- 186 In-situ elastomer composite based on fluorocarbon elastomer/liquid crystalline polymer blend. **2005**, 11, 657-672 1
- 185 Self-Reinforcing Composite Based on Ethylene Acrylic Elastomer (AEM)/Liquid Crystalline Polymer (LCP) Blend. **2005**, 44, 1109-1123 2
- 184 Interfacial tension between polystyrene and a liquid crystal polymer. **2005**, 32, 349-357
- 183 In-Situ Microfibrillar PET/iPP Blend via a Slit Die Extrusion, Hot Stretching and Quenching Process: Influences of PET Concentration on Morphology and Crystallization of iPP at a Fixed Hot Stretching Ratio. *Journal of Macromolecular Science - Physics*, **2005**, 44, 203-216 1.4 24
- 182 Nanoparticle Modifying Action on Polymers. **2005**, 427-458 1
- 181 Effect of viscosity ratio of the components of thermoplastic and liquid-crystalline polymer blends on the properties. **2006**, 13, 737-755 2

180	Preparation and mechanical properties of TLCP/ UP / GF in-situ hybrid composites. 2006 , 16, s529-s533		8
179	Transesterification and Mechanical Properties of Blends of a Model Thermotropic Polyester and Polycarbonate. <i>Macromolecules</i> , 2006 , 39, 3865-3877	5.5	17
178	Effects of Injection-molded Conditions on the Microstructure and Mechanical Properties of PC/LCP Blends. 2006 , 63, 360-367		
177	Studies on the mechanical and dynamic mechanical properties of thermotropic liquid crystalline polymer/unsaturated polyester/glass fiber in situ hybrid composites. <i>Polymers for Advanced Technologies</i> , 2006 , 17, 534-539	3.2	7
176	Organic/inorganic nanocomposites prepared by mechanical smashing of agglomerated silica ultrafine particles in molten thermoplastic resin. <i>Polymers for Advanced Technologies</i> , 2006 , 17, 981-990	3.2	23
175	Compatibilizing effect of ethylene-propylene-diene grafted maleic anhydride terpolymer on the blend of polyamide 66 and thermal liquid crystalline polymer. <i>Polymer Composites</i> , 2006 , 27, 608-613	3	4
174	Kinetic analysis of thermo-oxidative degradation of PEEK/thermotropic liquid crystalline polymer blends. <i>Polymer Engineering and Science</i> , 2006 , 46, 129-138	2.3	11
173	Effect of glass bead packing on the fibrillation of liquid-crystalline polymer in polycarbonate. 2006 , 44, 1020-1030		16
172	Influence of viscosity ratio on processing and morphology of thermotropic liquid crystal polymer-reinforced poly(ethylene 2,6-naphthalate) blends. 2006 , 55, 449-455		21
171	Morphology evolution of a liquid crystalline polymer in polycarbonate matrix enhanced by the addition of glass beads. <i>Composites Science and Technology</i> , 2006 , 66, 1564-1574	8.6	12
170	Inhibited transesterification and enhanced fibrillation of TLCP by nano-SiO ₂ in polycarbonate matrix. 2006 , 47, 448-456		36
169	Polycarbonate/liquid crystalline polymer blend: Crystallization of polycarbonate. 2006 , 47, 8237-8240		27
168	Synthesis and intercalation chemistry of hybrid organo-inorganic nanocomposites. 2006 , 48, 85-111		24
167	The effect of glass fiber and coupling agents in the blends of silicone rubber and liquid crystalline polymers. 2006 , 14, 261-266		12
166	Thermotropic liquid crystal polymer reinforced poly(butylene terephthalate) composites to improve heat distortion temperature and mechanical properties. <i>Fibers and Polymers</i> , 2006 , 7, 358-366	2	20
165	Structure and property relationship of thermotropic liquid crystal polymer and polyester composite fibers. <i>Journal of Applied Polymer Science</i> , 2006 , 99, 2211-2219	2.9	25
164	Phase behavior and properties of in situ-reinforcing elastomer composites based on thermoplastic elastomers and thermotropic liquid crystalline copolyester. <i>Journal of Applied Polymer Science</i> , 2006 , 101, 1610-1619	2.9	15
163	Factors that Affect Fibrillation of the Liquid Crystalline Polymer (LCP)Phase in an Injection Moulded Polycarbonate / LCP Blend. 2006 , 312, 133-138		1

162	Polypropylene/Nylon-66/Carbon Black Blends Processed at Temperatures Just Below the Nylon Melting: Anisotropy in Structure and Properties. 2006 , 233, 123-131		5
161	Phase Diagram for Predicting In Situ Fibrillation of LCP During Molding. 2006 , 21, 127-134		4
160	Polyesters, Thermoplastic. 2006 ,		2
159	Thermal Decomposition Behavior of In Situ Reinforcing Elastomer Composite Based on Thermoplastic Elastomer and Thermotropic Liquid Crystalline Polymer. 2007 , 39, 213-238		6
158	Effect of Aspect Ratio of Whisker on the Fibrillation of Liquid Crystalline Polymer in Polysulfone Matrix. <i>International Polymer Processing</i> , 2007 , 22, 166-172	1	5
157	In Situ Reinforcing Elastomer Composite Based on Polyolefinic Thermoplastic Elastomer and Thermotropic Liquid Crystalline Polymer. 2007 , 1, 447-458		
156	Linear Polymers with Sulfur in the Main Chain, V. Synthesis and Properties of Thermotropic Copolythioesters Based on 4,4'-Biphenyldithiol. 2007 , 43, 4-12		1
155	Effects of State Change of Liquid Crystalline Polymer on Dynamic Visco-Elasticity of its Blends with Polyethylene-Terephthalate. 2007 , 17, 64510-1-64510-7		1
154	Shear rate dependence of viscosity and first normal stress difference of LCP/PET blends at solid and molten states of LCP. <i>Journal of Applied Polymer Science</i> , 2007 , 104, 2212-2218	2.9	8
153	Isothermal decomposition behavior and dynamic mechanical properties of in situ-reinforcing elastomer composites based on thermoplastic elastomers and thermotropic liquid crystalline polymer. <i>Journal of Applied Polymer Science</i> , 2007 , 103, 917-927	2.9	11
152	Novel CO ₂ laser drawing of thermotropic liquid crystal polymer and poly(ethylene 2,6-naphthalate) blend fibers. <i>Journal of Applied Polymer Science</i> , 2007 , 104, 205-211	2.9	8
151	Flexible composite of PEEK and liquid crystalline polymer in presence of polyphosphazene. <i>Journal of Applied Polymer Science</i> , 2007 , 104, 3758-3765	2.9	15
150	In situ composites from blends of polycarbonate and a thermotropic liquid-crystalline polymer: The influence of the processing temperature on the rheology, morphology, and mechanical properties of injection-molded microcomposites. <i>Journal of Applied Polymer Science</i> , 2007 , 106, 34-45	2.9	10
149	Mechanical and morphological study of polyphenylene sulfide/liquid crystalline polymer blends compatibilized with a maleic anhydride grafted copolymer. <i>Journal of Applied Polymer Science</i> , 2007 , 106, 3721-3728	2.9	11
148	Effects of the addition of small amounts of a thermotropic liquid crystalline polymer on the processing characteristics of polyphenylene oxide/polyamide alloys. 2007 , 26, 109-120		5
147	Formation and morphology of cellulose acetate butyrate (CAB)/polyolefin and CAB/polyester in situ microfibrillar and lamellar hybrid blends. 2007 , 43, 3587-3596		55
146	Fibrillation of liquid crystalline polymer in polysulfone promoted by increased system elasticity via adding nano-silica. 2007 , 48, 4242-4251		22
145	Noticeable viscosity reduction of polycarbonate melts caused jointly by nano-silica filling and TLCP fibrillation. <i>Polymer Engineering and Science</i> , 2007 , 47, 757-764	2.3	16

144	Synthesis and Thermotropic Liquid Crystalline Behavior of Copolymers Containing Ether Ketone and Ester Links. 2007 , 39, 923-927		1
143	Structure and properties of thermotropic liquid crystal polymer and poly(ethylene 2,6-naphthalate) blend fibers. 2008 , 57, 378-384		10
142	A phosphorus-containing thermotropic liquid crystalline copolyester with low mesophase temperature and high flame retardance. 2008 , 46, 5752-5759		37
141	Self-reinforcing elastomer composites based on polyolefinic thermoplastic elastomer and thermotropic liquid crystalline polymer. <i>Journal of Applied Polymer Science</i> , 2008 , 107, 2375-2384	2.9	11
140	Micro and nano fibrils from polypropylene/nylon 6 blends. <i>Journal of Applied Polymer Science</i> , 2008 , 108, 1473-1481	2.9	7
139	Preparation and study of polypropylene/polyethylene terephthalate composite fibres. <i>Composites Science and Technology</i> , 2008 , 68, 2943-2947	8.6	32
138	Crystallization Behaviors of Poly(ethylene 2,6-naphthalate) in the Presence of Liquid Crystalline Polymer. 2008 , 47, 2590-2596		12
137	Crystallization Behavior of Polypropylene (PP)/ Polyethylene Terephthalate (PET) Composite Fibres. 2008 , 47-50, 833-836		
136	Liquid Crystal Polymers. 2008 , 521-550		
135	Studies on morphology, mechanical, thermal, and dynamic mechanical behavior of extrusion blended polypropylene and thermotropic liquid crystalline polymer in presence of compatibilizer. <i>Journal of Applied Polymer Science</i> , 2009 , 111, 2345-2352	2.9	9
134	Determination of the phase diagram of HBA-HNA liquid crystalline polymer/polycarbonate blends. <i>Journal of Applied Polymer Science</i> , 2009 , 111, 396-407	2.9	3
133	Effect of LCP and rPET as reinforcing materials on rheology, morphology, and thermal properties of in situ microfibrillar-reinforced elastomer composites. <i>Journal of Applied Polymer Science</i> , 2009 , 112, 1897-1908	2.9	7
132	Miscibility enhancement of PP/PBT blends with a side-chain liquid crystalline ionomer. <i>Journal of Applied Polymer Science</i> , 2009 , 112, 3007-3015	2.9	9
131	Comparative study on phase and properties between rPET/PS and LCP/PS in situ microfibrillar-reinforced composites. 2009 , 16, 443-454		13
130	Thermal decomposition behavior and durability evaluation of thermotropic liquid crystalline polymers. 2009 , 17, 149-155		12
129	Influence of liquid crystalline polymer and recycled PET as minor blending components on rheological behavior, morphology, and thermal properties of thermoplastic blends. <i>Polymers for Advanced Technologies</i> , 2009 , 20, 1136-1145	3.2	11
128	In situ reinforcement of poly(butylene terephthalate) and butyl rubber by liquid crystalline polymer. <i>Polymer Composites</i> , 2009 , 30, 655-664	3	2
127	Effect of polyphosphazene elastomer on the compatibility and properties of PES/TLCP composites. <i>Polymer Composites</i> , 2009 , 31, NA-NA	3	2

126	Isothermal crystallization kinetics of poly(phenylene sulfide)/TLCP composites. <i>Polymer Engineering and Science</i> , 2009 , 49, 397-417	2.3	23
125	Reinforcing and toughening on poly(ether imide) by a novel thermo tropic liquid crystalline poly(ester-imide-ketone) with low content. <i>Polymer Engineering and Science</i> , 2009 , 49, 2046-2053	2.3	3
124	Transesterification-controlled compatibility and microfibrillation in PC/ABS composites reinforced by phosphorus-containing thermotropic liquid crystalline polyester. 2009 , 50, 3037-3046		25
123	Rheological, morphological, thermal, and mechanical properties of blends of vectra A950 and poly(trimethylene terephthalate): A study on a high-viscosity-ratio system. <i>Polymer Testing</i> , 2009 , 28, 116-127	4.5	5
122	Thermal decomposition kinetics of in situ reinforcing composite based on polypropylene and liquid crystalline polymer. 2009 , 209, 3490-3500		11
121	Effect of modified carbon nanotube on physical properties of thermotropic liquid crystal polyester nanocomposites. 2009 , 45, 316-324		59
120	Carbon Nanotube-Reinforced Thermotropic Liquid Crystal Polymer Nanocomposites. 2009 , 2, 1955-1974		37
119	Nanocomposites of Liquid Crystalline Polymers Dispersed in Polyester Matrices. 2009 ,		
118	In-Situ Composites Based on Thermoplastic and Thermotropic Liquid Crystalline Polymers. 2010 , 99, 1031-1044		12
117	Thermally induced phase separation in liquid crystalline polymer/polycarbonate blends. <i>Journal of Applied Polymer Science</i> , 2010 , 117, n/a-n/a	2.9	
116	Synthesis and characterization of thermotropic liquid crystalline polyester/multi-walled carbon nanotube nanocomposites. 2010 , 256, 1739-1743		14
115	Nonisothermal crystallization kinetics of poly (phenylene sulphide) in composites with a liquid crystalline polymer. 2010 , 48, 1070-1100		17
114	Nucleation Effect of Thermotropic Liquid Crystalline Polymer on the Crystallization of Poly(ϵ Caprolactone). 2010 , 18, 91-101		
113	Structure and Rheology of Polymer Composites Containing Thermotropic Liquid Crystalline Polymers. 2011 , 263-264		
112	Morphological development of polypropylene in immiscible blends with cellulose acetate butyrate. 2011 , 18, 1947-1953		8
111	Non-isothermal crystallization kinetics and thermal stability of the in situ reinforcing composite films based on thermotropic liquid crystalline polymer and polypropylene. <i>Journal of Thermal Analysis and Calorimetry</i> , 2011 , 103, 1017-1026	4.1	13
110	Formation and morphology development of poly(butylene terephthalate) nanofibers from poly(butylene terephthalate)/cellulose acetate butyrate immiscible blends. <i>Polymer Engineering and Science</i> , 2011 , 51, 835-842	2.3	26
109	Shear-induced fibrillation and resultant mechanical properties of injection-molded polyamide 1010/isotactic polypropylene blends. 2011 , 60, 1655-1662		10

108	Studies on the engineering properties of LCP-Vectra B 950/PP blends with the variations of EAA content. <i>Journal of Applied Polymer Science</i> , 2011 , 119, 1034-1041	2.9	2
107	Current Advances in the Carbon Nanotube/Thermotropic Main-Chain Liquid Crystalline Polymer Nanocomposites and Their Blends. 2012 , 4, 889-912		46
106	Applications of multifunctional polymer-matrix composites in hybrid heat sinks. 2012 ,		
105	Thermal stability of styrene(ethylene butylene)styrene-based elastomer composites modified by liquid crystalline polymer, clay, and carbon nanotube. <i>Journal of Thermal Analysis and Calorimetry</i> , 2012 , 110, 1395-1406	4.1	14
104	Liquid Crystalline Composite. 2012 , 1		2
103	Damage and Fracture of Composite Materials and Structures. <i>Advanced Structured Materials</i> , 2012 ,	0.6	8
102	Effect of Mixing Sequence of Polymer and Nanofillers on Thermo Mechanical as well as Morphological Property of the Nanocomposites. 2012 , 2,		
101	Effect of Nano-CaCO ₃ on Properties of PP/TLCP/CaCO ₃ in-situ Hybrid Materials. 2012 , 20, 123-128		
100	Rheological, thermal, and mechanical properties of phosphorus-containing wholly aromatic thermotropic liquid crystalline polymer-filled poly(butylene terephthalate) composites. <i>Polymer Composites</i> , 2012 , 33, 1432-1436	3	7
99	Preparation and characterization of poly(chlorotrifluoroethylene-co-ethylvinyl ether)/poly(styrene acrylate) core/shells and SiO ₂ nanocomposite films via a solution mixing method. <i>Journal of Applied Polymer Science</i> , 2012 , 126, 1709-1713	2.9	2
98	Reinforcing performance of recycled PET microfibrils in comparison with liquid crystalline polymer for polypropylene based composite fibers. 2012 , 19, 1		15
97	Compatibilization of polyetherimide/liquid crystalline polymer blend using modified multiwalled carbon nanotubes and polyphosphazene as compatibilizers. <i>Journal of Applied Polymer Science</i> , 2012 , 124, 629-637	2.9	16
96	Rheological and mechanical behavior of LDPE/calcium carbonate nanocomposites and microcomposites. <i>Journal of Applied Polymer Science</i> , 2013 , 127, 2544-2552	2.9	27
95	Effects of novel thermotropic liquid crystalline polyester with aryl-ether linkages on the processability and properties of poly(ether ether ketone)s fibers. <i>Journal of Applied Polymer Science</i> , 2013 , 128, 1110-1116	2.9	6
94	Potential Use of Recycled PET in Comparison with Liquid Crystalline Polyester as a Dual Functional Additive for Enhancing Heat Stability and Reinforcement for High Density Polyethylene Composite Fibers. 2013 , 21, 191-206		13
93	Main-chain liquid crystalline copolyesters with a phosphorus-containing non-coplanar moiety. <i>Polymer Chemistry</i> , 2013 , 4, 329-336	4.9	9
92	The Structure and Properties of Polyamide/Liquid Crystal Polymer Blends. <i>Journal of Macromolecular Science - Physics</i> , 2013 , 52, 1064-1072	1.4	3
91	Study on Liquid Crystal Polymer-Hexagonal Boron Nitride Composites for Hybrid Heat Sinks. 2013 , 52, 8332-8339		12

90	The Rheological Behavior of Polyamide-66/Liquid Crystal Polymer Blends. 2013 , 631-632, 100-103		
89	Potential utilization of recycled PET in comparison with liquid crystalline polymer as an additive for HDPE based composite fibers: Comparative investigation on mechanical performance of cross-ply laminates. 2013 , 33, 793-802		3
88	Nanofibrillar Polymer-Polymer and Single Polymer Composite Involving Poly(Butylene Terephthalate): Preparation and Mechanical Properties. 2013 , 52, 1106-1112		16
87	Liquid Crystal Polymers. 2014 , 381-400		1
86	High Performance Polymer Alloys and Blends for Special Applications. 2014 , 1459-1484		1
85	Morphology Control Technologies of Polymeric Materials During Processing. <i>Macromolecular Materials and Engineering</i> , 2014 , 299, 400-423	3.9	10
84	Liquid crystal polymers (LCPs) as a reinforcement in high temperature polymer blends. 2014 , 141-164		3
83	Phosphorus-containing thermotropic liquid crystalline polymers: a class of efficient polymeric flame retardants. <i>Polymer Chemistry</i> , 2014 , 5, 3737	4.9	47
82	Introduction to high temperature polymer blends. 2014 , 1-13		1
81	Effect of thermotropic liquid crystalline poly(ether ketone)arylates on the processibility and properties of poly(ether ether ketone)s fibers. <i>Journal of Applied Polymer Science</i> , 2014 , 131, n/a-n/a	2.9	2
80	Effect of in situ poly(ethylene terephthalate) (PET) microfibrils on the morphological structure and crystallization behavior of isotactic polypropylene (iPP) under an intensive shear rate. <i>Polymers for Advanced Technologies</i> , 2015 , 26, 1275-1284	3.2	11
79	Liquid Crystalline Polymers. 2015 ,		9
78	A Review on the Research Progress of Nano Organic Friction Materials. <i>Recent Patents on Nanotechnology</i> , 2016 , 10, 11-9	1.2	6
77	In situ fibrillation of poly(trimethylene terephthalate) in polyolefin elastomer through multistage stretching extrusion. <i>Journal of Applied Polymer Science</i> , 2016 , 133,	2.9	5
76	In situ polyolefin elastomer/poly(trimethylene terephthalate) microfibrillar composites fabricated via multistage stretching extrusion. <i>Fibers and Polymers</i> , 2016 , 17, 1916-1924	2	6
75	In situ composites based on blends of PEEK and thermotropic liquid crystalline polymer. <i>Molecular Crystals and Liquid Crystals</i> , 2016 , 630, 139-143	0.5	
74	Morphology evolution of a thermotropic liquid-crystalline polymer in a polyamide 6,6 matrix regulated by graphene. <i>Journal of Applied Polymer Science</i> , 2016 , 133,	2.9	1
73	Synthesis and characterization of thermotropic liquid crystalline polyarylate with ether ether ketone segments in the main chain. <i>Journal of Applied Polymer Science</i> , 2016 , 133,	2.9	8

72	Study on in situ reinforced composites of thermoplastic resins: A novel TLCP with low melting temperature. <i>Journal of Thermoplastic Composite Materials</i> , 2016 , 29, 37-47	1.9	3
71	Polymer Blends. 2017 , 1-39		1
70	Morphology, crystallization and melting behaviour of poly(trimethylene terephthalate)/thermotropic liquid crystalline polymer blends. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017 , 128, 1479-1493	4.1	4
69	Effect of functionalized CNTs and liquid crystalline polymer on thermo-oxidative stability of polyethylene-based hybrid composites. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017 , 128, 235-247	4.1	5
68	Extrusion Blow Molding of Polymeric Blends Based on Thermotropic Liquid Crystalline Polymer and High Density Polyethylene. <i>International Polymer Processing</i> , 2017 , 32, 112-120	1	5
67	What are microfibrillar and nanofibrillar composites? Basic concept, characterization, and application. 2017 , 57-72		2
66	Synthesis, characterization, and applications of liquid crystalline polymer-based microfibrillar and nanofibrillar composites. 2017 , 73-95		
65	Simultaneously reinforce and toughen polypropylene by in-situ introducing polylactic acid microfibrils. <i>Polymers for Advanced Technologies</i> , 2018 , 29, 1469-1477	3.2	3
64	The influence of CF and TLCP co-reinforced on the mechanical properties of PA6-based composites. <i>Materials Research Express</i> , 2018 , 5, 055303	1.7	
63	Synthesis and Characterization of Block Copolymers of Polystyrene and Thermotropic Liquid Crystalline Polyesters. <i>Oriental Journal of Chemistry</i> , 2018 , 34, 125-133	0.8	
62	Structure evolution and orientation mechanism of isotactic polypropylene during the two-stage solid die drawing process. <i>Journal of Applied Polymer Science</i> , 2018 , 135, 46581	2.9	6
61	Thermotropic Liquid Crystalline Polymers. 2018 , 1-24		
60	Effect of draw ratio on the morphologies and properties of in situ microfibrillar POE/PTT composites. <i>Polymer Composites</i> , 2019 , 40, E629	3	8
59	Controlling Processing, Morphology, and Mechanical Performance in Blends of Polylactide and Thermotropic Polyesters. <i>Macromolecules</i> , 2019 , 52, 6005-6017	5.5	11
58	. 2019 ,		1
57	Rheological Behaviors and Properties of Poly (Ether Ether Ketone) In-Situ Blends: Effect of Chemical Structure of Added Thermotropic Liquid Crystalline Polyarylates. <i>Journal of Macromolecular Science - Physics</i> , 2019 , 58, 934-946	1.4	3
56	Biopolymeric Material-based Blends: Preparation, Characterization, and Applications. 2019 , 57-76		
55	Characterization of poly(butylene succinate)/poly(lactic acid) blends with in-situ sub-micron fibers and intercalation structure manufacturing by volumetric pulsating elongation flow. <i>Polymer Testing</i> , 2019 , 77, 105889	4.5	10

54	The foaming performance evaluation of fibrillated polytetrafluoroethylene and isotactic polypropylene blends. <i>Frontiers in Forests and Global Change</i> , 2019 , 38, 86-107	1.6	0
53	Thermoplastic PLA-LCP Composites: A Route toward Sustainable, Reprocessable, and Recyclable Reinforced Materials. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 624-631	8.3	13
52	Importance of Viscosity Control for Recyclable Reinforced Thermoplastic Composites. <i>Macromolecules</i> , 2020 , 53, 6690-6702	5.5	3
51	The influence of mechanical recycling on the properties of thermotropic liquid crystalline polymer and long glass fiber reinforced polypropylene. <i>Composites Part B: Engineering</i> , 2020 , 200, 108316	10	26
50	Highly Flame-Retardant Liquid Crystalline Polymers. <i>Polymers and Polymeric Composites</i> , 2020 , 549-575	0.6	
49	Ionization liquid-crystalline polymer synergistically reinforced poly(ethylene terephthalate) due to interfacial compatibilization by ion-dipole interactions. <i>Journal of Applied Polymer Science</i> , 2021 , 138, 50127	2.9	2
48	Recent progress in micro-/nano-fibrillar reinforced polymeric composite foams. <i>Polymer Engineering and Science</i> , 2021 , 61, 926-941	2.3	10
47	Improved mechanical properties of in situ microfibrillar polypropylene/polyamide6 composites through constructing strong interfacial adhesion. <i>Polymers for Advanced Technologies</i> , 2021 , 32, 3343-3357	3.2	2
46	Thermotropic liquid crystalline polymer reinforced polyamide composite for fused filament fabrication. <i>Additive Manufacturing</i> , 2021 , 40, 101931	6.1	7
45	Superior mechanical performance of in-situ nanofibrillar HDPE/PTFE composites with highly oriented and compacted nanohybrid shish-kebab structure. <i>Composites Science and Technology</i> , 2021 , 207, 108715	8.6	8
44	Perspectives in Polymer Blend Technology. 2003 , 1167-1200		3
43	Polymer Liquid Crystals and Their Blends. 2007 , 653-670		1
42	Elastic moduli of polymer liquid crystals. 1998 , 448-494		1
41	Longitudinal polymer liquid crystal + engineering polymer blends: miscibility and crystallization phenomena. 1998 , 172-213		1
40	Phase diagrams of polymer liquid crystals and polymer liquid crystal blends: relation to mechanical properties. 1998 , 255-305		1
39	Liquid Crystalline Polymer Composites for Optoelectronics. 2015 , 315-338		1
38	Micromechanical Fibre-Recruitment Model of Liquid Crystalline Polymer Reinforcing Polycarbonate Composites. <i>Advanced Structured Materials</i> , 2012 , 85-106	0.6	2
37	Blends containing liquid crystal polymers. 1993 , 195-227		10

36	The Rheology of Two-Phase Flows. 1993 , 479-594		2
35	Phase structure of poly (phenylene sulfide) and liquid crystalline polymer blends. 1994 , 211-214		1
34	Chapter 4 Nucleation processes in toughened plastics. 1996 , 157-241		2
33	SYNTHESIS OF PHOSPHORUS-CONTAINING THERMOTROPIC LIQUID CRYSTALLINE COPOLYESTERS via SOLID-STATE POLYMERIZATION. <i>Acta Polymerica Sinica</i> , 2009 , 009, 493-498		6
32	Synergistic Reinforcement of Phenol-Formaldehyde Resin Composites by Poly(Hexanedithiol)/Graphene Oxide. <i>Journal of Materials Science and Chemical Engineering</i> , 2015 , 03, 56-70	0.3	3
31	LCP Blends. 2001 ,		
30	Rheology and Processing of Thermotropic Liquid Crystalline Polymers. 2001 ,		1
29	Fiber-Filled Vinyl Polymer Composites. <i>Plastics Engineering</i> , 2008 , 455-498		
28	Liquid Crystal Polyesters. 271-347		
27	In Situ Composites. 1		
26	Properties and Performance of Polymer Blends. 2014 , 1031-1201		
25	????/PVC?????. <i>Kobunshi</i> , 1989 , 38, 902-902		
24	In-Situ Reinforcement in Blends of Thermoplastics and Thermotropic Liquid Crystalline Polymers. 1991 , 251-257		1
23	Recent Development Status of LCP Applications. 1992 , 273-284		
22	Fibre forming blends and in situ fibre composites. 1993 , 228-255		
21	In Situ Composites formed with Liquid Crystalline Polymers and Thermoplastic Matrices. 1993 , 387-407		
20	. <i>Materia Japan</i> , 1994 , 33, 577-577		0.1
19	Processing of liquid crystal polymers and blends. 1996 , 218-250		

18	Thermal expansivity. 1998 , 214-252		
17	In-Situ Composite Processes from PEI/TLCP Blends. 1998 , 61-73		
16	Liquid Crystalline Polymer Blends as Fillers for Self-Reinforcing Polymer Composites. 2015 , 241-264		
15	Liquid Crystalline Polymer and Its Composites: Chemistry and Recent Advances. 2015 , 103-131		
14	Highly Flame-Retardant Liquid Crystalline Polymers. 2019 , 1-27		
13	Advanced Flame-Retardant Methods for Polymeric Materials. <i>Advanced Materials</i> , 2021 , e2107905	24	20
12	Performance of liquid crystalline polyester composite burn-in board connectors under cyclic high-temperature condition. <i>Composite Structures</i> , 2022 , 286, 115325	5.3	
11	Recent advancements in interface engineering of carbon fiber reinforced polymer composites and their durability studies at different service temperatures. <i>Polymer Composites</i> ,	3	2
10	Effect of Aspect Ratio of Whisker on the Fibrillation of Liquid Crystalline Polymer in Polysulfone Matrix. <i>International Polymer Processing</i> , 2022 , 22, 166-172	1	
9	Effect of melting temperatures on the orientation and rheology of polyacrylate/silica (PAcr / SiO ₂) composite microspheres in twin-screw extruder. <i>Journal of Applied Polymer Science</i> ,	2.9	
8	Preparation and characterization of polypropylene nanofibrous membrane for the filtration of textile wastewater. <i>Journal of Applied Polymer Science</i> ,	2.9	
7	Mechanical Properties of Injection Molded PP/PET-Nanofibril Composites and Foams. 2022 , 14, 2958		2
6	Introduction. 2022 , 1-99		0
5	Thermal and Viscoelastic Properties of Blends of Polypropylene with Thermotropic Liquid Crystalline Copolyesters. 1993 , 1, 147823919300100		0
4	Effect of Polyetheretherketone Oligomer on the Mechanical Properties of Polyetheretherketone with Aromatic Liquid Crystalline Copolyester Blends. 1993 , 1, 147823919300100		0
3	Thermal, Structural, and Mechanical Properties of Strands of Blends of Liquid-Crystalline Copolyester and Copolyesteramide with Poly(ethylene terephthalate). 1995 , 3, 147823919500300		0
2	Synthesis and Properties of Block Copolymers of Poly(ether sulphone)s with Liquid Crystalline Polyester Units. 1997 , 5, 147823919700500		0
1	Effect of Compatibilizer on the Crystallization Kinetics of Blends of Poly(butylene terephthalate) with a Liquid Crystalline Polyester. 1998 , 6, 147823919800600		0

