Qipeng Guo

List of Publications by Year in Descending Order

221 papers	6,694 citations	43 h-index	67 g-index
223 ext. papers	7,217 ext. citations	4.5 avg, IF	6.12 L-index

#	Paper	IF	Citations
221	Nanofibrous, hypercrosslinked polymers with multiscale pores through post-crosslinking of emulsion-templated syndiotactic polystyrene aerogels. *European Polymer Journal*, **2020**, 135, 109880	5.2	7
220	Nanofibrous, porous monoliths formed from gelating high internal phase emulsions using syndiotactic polystyrene. *Polymer*, **2020**, 202, 122708	3.9	6
219	Polymorphism and crystallization in poly(vinylidene fluoride)/ poly(?-caprolactone)–block–poly(dimethylsiloxane)–block–poly(?-caprolactone) blends. *Polymer International*, **2020**, 69, 173-183	3.3	3
218	Nanofibrous, Emulsion-Templated Syndiotactic Polystyrenes with Superhydrophobicity for Oil Spill Cleanup. *ACS Applied Materials & Interfaces*, **2019**, 11, 36063-36072	9.5	30
217	Fe3O4/poly (acrylic acid) nanoparticles as modifiers for improving rheological and filtration properties of water-based drilling fluids. *Journal of Macromolecular Science - Pure and Applied Chemistry*, **2019**, 56, 393-402	2.2	3
216	Microphase-separated, hierarchical macroporous polyurethane from a nonaqueous emulsion-templated reactive block copolymer. *Chemical Engineering Journal*, **2019**, 365, 369-377	14.7	25
215	Nanophase morphology and crystallization in poly(vinylidene fluoride)/polydimethylsiloxane-block-poly(methyl methacrylate)-block-polystyrene blends. *Polymer International*, **2019**, 68, 1064-1073	3.3	4
214	A facile approach for polymer hydrogels with enhanced strength, self–healing and multi–responsive shape memory properties. *Materials Research Express*, **2019**, 6, 125340	1.7	11
213	Preparation and characterization of nanocomposite films based on gum arabic, maltodextrin and polyethylene glycol reinforced with turmeric nanofiber isolated from turmeric spent. *Materials Science and Engineering C*, **2019**, 97, 723-729	8.3	20
212	Nanophase morphology and crystallization in poly(vinylidene fluoride)/polydimethylsiloxane-block-poly(methyl methacrylate) blends. *Polymer International*, **2019**, 68, 418-427	3.3	3
211	Preparation, characterization and in vitro study of liposomal curcumin powder by cost effective nanofiber weaving technology. *New Journal of Chemistry*, **2018**, 42, 5117-5127	3.6	26
210	Poly (sodium p-styrene sulfonate) modified Fe3O4 nanoparticles as effective additives in water-based drilling fluids. *Journal of Petroleum Science and Engineering*, **2018**, 165, 786-797	4.4	21
209	Solution behavior of water-soluble poly(acrylamide-co-sulfobetaine) with intensive antisalt performance as an enhanced oil-recovery chemical. *Journal of Applied Polymer Science*, **2018**, 135, 46235	2.9	5
208	Prominent temperature-response and salt irritation from self-assemblies of polyzwitterion-sodium lauryl sulfonate. *Journal of Molecular Liquids*, **2018**, 253, 305-313	6	2
207	Static miscible vapor environment controlled honeycombed morphology in polystyrene–poly(methyl methacrylate) films. *Polymer*, **2018**, 153, 161-166	3.9	6
206	Closed-cell, emulsion-templated hydrogels for latent heat storage applications. *Polymer Chemistry*, **2018**, 9, 3970-3973	4.9	12
205	Softening dynamics of polymer blends and composites investigated by differentia spectra of dynamic mechanical analysis. *Advances in Polymer Technology*, **2018**, 37, 2504-2509	1.9	2

204	Epoxy nanocomposites simultaneously strengthened and toughened by hybridization with graphene oxide and block ionomer. *Composites Science and Technology*, **2018**, 168, 363-370	8.6	64
203	Fabrication of a bulk superhydrophobic conductive material by mechanical abrasion. *Composites Science and Technology*, **2018**, 164, 238-247	8.6	9
202	Enhanced Photodecomposition of Methylene Blue in Water with Sr1−xKxTiO3@PC-polyHIPEs under UV and Visible Light. *Journal of Chemistry*, **2018**, 2018, 1-10	2.3	1
201	Formaldehyde Controlling the Synthesis of Multishelled SiO/Fe O Hollow Porous Spheres. *Langmuir* , **2018**, 34, 8223-8229	4	5
200	Novel Biodegradable Graft-Modified Water-Soluble Copolymer Using Acrylamide and Konjac Glucomannan for Enhanced Oil Recovery. *Industrial & Engineering Chemistry Research*, **2017**, 56, 942-951	3.9	19
199	Rheological Technique as a Sensitive Method to Characterize the Chain Diffusion across the Interface between Polystyrene and Carbon Black Filled Polystyrene. *Journal of Macromolecular Science - Physics*, **2017**, 56, 254-261	1.4	1
198	Emulsion-templated, macroporous hydrogels for enhancing water efficiency in fighting fires. *Journal of Materials Chemistry A*, **2017**, 5, 10161-10164	13	34
197	Poly(2-acrylamide-2-methylpropanesulfonic acid)-Modified SiO2 Nanoparticles for Water-Based Muds. *Industrial & Engineering Chemistry Research*, **2017**, 56, 168-174	3.9	23
196	Granular Nanostructure: A Facile Biomimetic Strategy for the Design of Supertough Polymeric Materials with High Ductility and Strength. *Advanced Materials*, **2017**, 29, 1704661	24	105
195	Super-tough artificial nacre based on graphene oxide via synergistic interface interactions of π stacking and hydrogen bonding. *Carbon*, **2017**, 111, 807-812	10.4	139
194	Continuous preparation of polyHIPE monoliths from ionomer-stabilized high internal phase emulsions (HIPEs) for efficient recovery of spilled oils. *Chemical Engineering Journal*, **2017**, 307, 812-819	14.7	61
193	Self-Assembly and Morphology in Block Copolymer Systems with Specific Interactions **2016**, 259-282		
192	FTIR Imaging of Polymeric Materials **2016**, 118-130		
191	A novel α-aminophosphonic acid-modified acrylamide-based hydrophobic associating copolymer with superb water solubility for enhanced oil recovery. *RSC Advances*, **2016**, 6, 76696-76706	3.7	13
190	Isorefractive high internal phase emulsion organogels for light induced reactions. *Chemical Communications*, **2016**, 52, 4561-4	5.8	17
189	Fabrication of multifunctional graphene decorated with bromine and nano-Sb2O3 towards high-performance polymer nanocomposites. *Carbon*, **2016**, 98, 689-701	10.4	79
188	Synthesis and anti-corrosion performance of Adenine-L-Alanine ramification. *Journal of Adhesion Science and Technology*, **2016**, 30, 851-865	2	2
187	Closed-cell and open-cell porous polymers from ionomer-stabilized high internal phase emulsions. *Polymer Chemistry*, **2016**, 7, 7469-7476	4.9	24

186	Synthesis and self-assembly behaviour of poly(N-Boc-L-tryptophan)-block-poly(ethylene glycol)-block-poly(N-Boc-L-tryptophan). *RSC Advances*, **2016**, 6, 24142-24153	3.7	
185	Assembled Block Copolymer Stabilized High Internal Phase Emulsion Hydrogels for Enhancing Oil Safety. *Industrial & Engineering Chemistry Research*, **2016**, 55, 4499-4505	3.9	32
184	Covalent/crystallite cross-linked co-network hydrogels: An efficient and simple strategy for mechanically strong and tough hydrogels. *Chemical Engineering Journal*, **2016**, 301, 92-102	14.7	17
183	Polymer Surface Topography and Nanomechanical Mapping **2016**, 317-334		1
182	Isothermal Crystallization Kinetics of Polymers **2016**, 181-203		10
181	Surface-induced Polymer Crystallization **2016**, 204-241		2
180	Different thermal analysis technique application in determination of fold surface-free energy. *Journal of Thermal Analysis and Calorimetry*, **2015**, 119, 527-536	4.1	9
179	A novel water-soluble hydrophobically associating polyacrylamide based on oleic imidazoline and sulfonate for enhanced oil recovery. *New Journal of Chemistry*, **2015**, 39, 7805-7814	3.6	32
178	Enhancing thermal stability and mechanical properties of lyotropic liquid crystals through incorporation of a polymerizable surfactant. *Soft Matter*, **2015**, 11, 6318-26	3.6	8
177	Synthesis and performance of itaconic acid/acrylamide/sodium styrene sulfonate as a self-adapting retarder for oil well cement. *RSC Advances*, **2015**, 5, 55428-55437	3.7	11
176	Facile fabrication of superhydrophobic conductive graphite nanoplatelet/vapor-grown carbon fiber/polypropylene composite coatings. *Composites Science and Technology*, **2015**, 117, 39-45	8.6	11
175	Influence of processing conditions on polymorphic behavior, crystallinity, and morphology of electrospun poly(VInylidene fluoride) nanofibers. *Journal of Applied Polymer Science*, **2015**, 132, n/a-n/a	2.9	34
174	High internal phase emulsion (HIPE) xerogels for enhanced oil spill recovery. *Journal of Materials Chemistry A*, **2015**, 3, 1906-1909	13	57
173	Graphene and graphitic derivative filled polymer composites as potential sensors. *Physical Chemistry Chemical Physics*, **2015**, 17, 3954-81	3.6	88
172	Biodegradable polyethylene glycol-based ionic liquids for effective inhibition of shale hydration. *RSC Advances*, **2015**, 5, 32064-32071	3.7	36
171	Thermally stable imidazoline-based sulfonate copolymers for enhanced oil recovery. *RSC Advances*, **2015**, 5, 85165-85173	3.7	9
170	An anti-biodegradable hydrophobic sulfonate-based acrylamide copolymer containing 2,4-dichlorophenoxy for enhanced oil recovery. *New Journal of Chemistry*, **2015**, 39, 9265-9274	3.6	12
169	Fabrication of superhydrophobic surfaces by smoke deposition and application in oil–water separation. *RSC Advances*, **2015**, 5, 71329-71335	3.7	21

168	Bioinspired strategy for tuning thermal stability of PVA via hydrogen-bond crosslink. *Composites Science and Technology*, **2015**, 118, 16-22	8.6	62
167	Bio-Inspired Hydrogen-Bond Cross-Link Strategy toward Strong and Tough Polymeric Materials. *Macromolecules*, **2015**, 48, 3957-3964	5.5	86
166	A water-soluble antimicrobial acrylamide copolymer containing sulfitobetaine for enhanced oil recovery. *RSC Advances*, **2015**, 5, 51549-51558	3.7	27
165	Giant tubular and toroidal vesicles from self-assembled triblock copolymer-polyaniline complexes in water. *Chemical Communications*, **2015**, 51, 11100-3	5.8	4
164	Phase inversion of ionomer-stabilized emulsions to form high internal phase emulsions (HIPEs). *Physical Chemistry Chemical Physics*, **2015**, 17, 16033-9	3.6	15
163	Water-soluble complexes of hydrophobically modified polymer and surface active imidazolium-based ionic liquids for enhancing oil recovery. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2015**, 471, 45-53	5.1	33
162	Morphology and mechanical properties of nanostructured thermoset/block copolymer blends with carbon nanoparticles. *Composites Part A: Applied Science and Manufacturing*, **2015**, 71, 136-143	8.4	23
161	Oil-spill cleanup: The influence of acetylated curaua fibers on the oil-removal capability of magnetic composites. *Journal of Applied Polymer Science*, **2015**, 132, n/a-n/a	2.9	31
160	Water-soluble complexes of an acrylamide copolymer and ionic liquids for inhibiting shale hydration. *New Journal of Chemistry*, **2015**, 39, 2155-2161	3.6	14
159	Large compound vesicles from amphiphilic block copolymer/rigid-rod conjugated polymer complexes. *Journal of Physical Chemistry B*, **2014**, 118, 12796-803	3.4	14
158	Self-assembled multimicellar vesicles via complexation of a rigid conjugated polymer with an amphiphilic block copolymer. *RSC Advances*, **2014**, 4, 54752-54759	3.7	6
157	Hybrid high internal phase emulsion (HIPE) organogels with oil separation properties. *Chemical Communications*, **2014**, 50, 13821-4	5.8	38
156	Azobenzene moiety variation directing self-assembly and photoresponsive behavior of azo-surfactants. *Journal of Materials Chemistry C*, **2014**, 2, 8303-8312	7.1	29
155	Water-Soluble Acrylamide Sulfonate Copolymer for Inhibiting Shale Hydration. *Industrial & Engineering Chemistry Research*, **2014**, 53, 2903-2910	3.9	41
154	Carbon nanotube based elastomer composites an approach towards multifunctional materials. *Journal of Materials Chemistry C*, **2014**, 2, 8446-8485	7.1	139
153	Polyoxometalate-based hybrid organogels prepared from a triblock copolymer via charge-driven assembly. *RSC Advances*, **2014**, 4, 35055-35058	3.7	4
152	Stable superhydrophobic surface based on silicone combustion product. *RSC Advances*, **2014**, 4, 56259-56262	3.7	15
151	Does dynamic vulcanization induce phase separation?. *Soft Matter*, **2014**, 10, 5550-8	3.6	17

150	A new approach for mechanisms of ferroelectric crystalline phase formation in PVDF nanocomposites. *Physical Chemistry Chemical Physics*, **2014**, 16, 10679-87	3.6	25
149	Understanding the distribution of natural wax in starch-wax films using synchrotron-based FTIR (S-FTIR). *Carbohydrate Polymers*, **2014**, 102, 125-35	10.3	37
148	Influence of miscibility phenomenon on crystalline polymorph transition in poly(vinylidene fluoride)/acrylic rubber/clay nanocomposite hybrid. *PLoS ONE*, **2014**, 9, e88715	3.7	21
147	CRYSTALLINE STRUCTURES AND □-□AND □POLYMORPHS TRANSFORMATION INDUCED BY NANOCLAY IN PVDF-BASED NANOCOMPOSITE. *Nano*, **2014**, 09, 1450065	1.1	21
146	Reversible photorheological lyotropic liquid crystals. *Langmuir*, **2014**, 30, 866-72	4	43
145	Development of regenerated cellulose/halloysites nanocomposites via ionic liquids. *Carbohydrate Polymers*, **2014**, 99, 91-7	10.3	36
144	Poly(vinylidene fluoride)-acrylic rubber partially miscible blends: Crystallization within conjugated phases induce dual lamellar crystalline structure. *Polymer*, **2013**, 54, 4686-4701	3.9	33
143	Synergistic effect of multi walled carbon nanotubes and reduced graphene oxides in natural rubber for sensing application. *Soft Matter*, **2013**, 9, 10343	3.6	129
142	Largely enhanced thermal and mechanical properties of polymer nanocomposites via incorporating C60@graphene nanocarbon hybrid. *Nanotechnology*, **2013**, 24, 505706	3.4	52
141	Flame soot stably deposited on silicone coatings possess superhydrophobic surface. *Applied Surface Science*, **2013**, 284, 651-656	6.7	31
140	Fabrication of Ketjen black-polybenzoxazine superhydrophobic conductive composite coatings. *Applied Surface Science*, **2013**, 268, 297-301	6.7	13
139	Toughening Epoxy Thermosets with Block Ionomers: The Role of Phase Domain Size. *Macromolecules*, **2013**, 46, 8190-8202	5.5	54
138	High internal phase emulsion (HIPE) organogels prepared from charge-driven assembled polymer organogels. *Chemical Communications*, **2013**, 49, 11803-5	5.8	17
137	Individual dispersion of carbon nanotubes in epoxy via a novel dispersion-curing approach using ionic liquids. *Physical Chemistry Chemical Physics*, **2013**, 15, 11696-703	3.6	34
136	Preparation and characterization of glycerol plasticized (high-amylose) starch□chitosan films. *Journal of Food Engineering*, **2013**, 116, 588-597	6	150
135	The physicochemical characteristics and hydrophobicity of high amylose starch□glycerol films in the presence of three natural waxes. *Journal of Food Engineering*, **2013**, 119, 205-219	6	63
134	Bioinspired Strategy to Reinforce PVA with Improved Toughness and Thermal Properties via Hydrogen-Bond Self-Assembly. *ACS Macro Letters*, **2013**, 2, 1100-1104	6.6	127
133	Poly(vinylidene fluoride)□crylic rubber partially miscible blends: Phase behavior and its effects on the mechanical properties. *Journal of Applied Polymer Science*, **2013**, 130, 1247-1258	2.9	25

132	Microphase separation induced by competitive hydrogen bonding interactions in semicrystalline triblock copolymer/homopolymer complexes. *Soft Matter*, **2013**, 9, 6176	3.6	15
131	A simple method to prepare monodisperse and size-tunable carbon nanospheres from phenolic resin. *Carbon*, **2013**, 52, 464-467	10.4	17
130	Phase behavior and nanomechanical mapping of block ionomer complexes. *Soft Matter*, **2013**, 9, 2662	3.6	10
129	A new route to prepare multiresponsive organogels from a block ionomer via charge-driven assembly. *Chemical Communications*, **2013**, 49, 5076-8	5.8	18
128	Overcoming interfacial affinity issues in natural fiber reinforced polylactide biocomposites by surface adsorption of amphiphilic block copolymers. *ACS Applied Materials & Interfaces*, **2013**, 5, 276-83	9.5	22
127	Facile Fabrication of Polyolefin/Carbon Nanotube Composites via in Situ Friedel□Crafts Polyalkylation: Structure and Properties. *Industrial & Engineering Chemistry Research*, **2013**, 52, 14384-14395	3.9	10
126	Fabrication and characterization of transparent and biodegradable cellulose/poly (vinyl alcohol) blend films using an ionic liquid. *Cellulose*, **2013**, 20, 2517-2527	5.5	18
125	Nanofibrillar micelles and entrapped vesicles from biodegradable block copolymer/polyelectrolyte complexes in aqueous media. *Langmuir*, **2013**, 29, 9240-8	4	10
124	Polystyrene-b-poly(oligo(ethylene oxide) Monomethyl Ether Methacrylate)-b-polystyrene Triblock Copolymers as Potential Carriers for Hydrophobic Drugs. *Bulletin of the Korean Chemical Society*, **2013**, 34, 558-564	1.2	2
123	A simple and effective approach to vesicles and large compound vesicles via complexation of amphiphilic block copolymer with polyelectrolyte in water. *Macromolecular Rapid Communications*, **2012**, 33, 401-6	4.8	21
122	A new route to nanostructured thermosets with block ionomer complexes. *Soft Matter*, **2012**, 8, 688-698	3.6	27
121	Toughening Epoxy Thermosets with Block Ionomer Complexes: A Nanostructure□Mechanical Property Correlation. *Macromolecules*, **2012**, 45, 3829-3840	5.5	89
120	Controlling morphology and porosity of porous siloxane membranes through water content of precursor microemulsion. *Soft Matter*, **2012**, 8, 10493	3.6	24
119	Cellulose/polycaprolactone blends regenerated from ionic liquid 1-butyl-3-methylimidazolium chloride. *Carbohydrate Polymers*, **2012**, 90, 575-82	10.3	29
118	Fabrication of Ketjen black-high density polyethylene superhydrophobic conductive surfaces. *Carbon*, **2012**, 50, 4284-4290	10.4	31
117	Thermosets **2012**,		20
116	The preparation of novel nanofilled polymer composites using poly(l-lactic acid) and protein fibers. *European Polymer Journal*, **2011**, 47, 1279-1283	5.2	20
115	In Situ Synchrotron SAXS Study of Polymerizable Microemulsions. *Macromolecules*, **2011**, 44, 3007-3015	5.5	26

114	Multiple vesicular morphologies in AB/AC diblock copolymer complexes through hydrogen bonding interactions. *Journal of Physical Chemistry B*, **2011**, 115, 9528-36	3.4	23
113	Blends of cellulose and poly(3-hydroxybutyrate-co-3-hydroxyvalerate) prepared from the ionic liquid 1-butyl-3-methylimidazolium chloride. *Carbohydrate Polymers*, **2011**, 86, 94-104	10.3	45
112	Synthesis, characterization and biocompatibility of novel biodegradable cross-linked co-polymers based on poly(propylene oxide) diglycidylether and polyethylenimine. *Journal of Biomaterials Science, Polymer Edition*, **2011**, 22, 457-73	3.5	4
111	Microphase Separation through Competitive Hydrogen Bonding in Double Crystalline Diblock Copolymer/Homopolymer Blends. *Macromolecules*, **2010**, 43, 7695-7704	5.5	44
110	Interphase study of thermoplastic modified epoxy matrix composites: Phase behaviour around a single fibre influenced by heating rate and surface treatment. *Composites Part A: Applied Science and Manufacturing*, **2010**, 41, 787-794	8.4	22
109	Reactive block copolymer modified thermosets: highly ordered nanostructures and improved properties. *Soft Matter*, **2010**, 6, 6119	3.6	64
108	Study on the oriented recrystallization of carbon-coated polyethylene oriented ultrathin films. *Journal of Physical Chemistry B*, **2010**, 114, 13104-9	3.4	20
107	Blend films of natural wool and cellulose prepared from an ionic liquid. *Cellulose*, **2010**, 17, 803-813	5.5	80
106	Nanostructures and thermomechanical properties of epoxy thermosets containing reactive diblock copolymer. *Journal of Applied Polymer Science*, **2010**, 115, 2110-2118	2.9	17
105	Complexation and eutectic crystallization in poly(2-vinyl pyridine)-block-poly(ε-caprolactone) and pentadecylphenol mixtures. *European Polymer Journal*, **2010**, 46, 2290-2299	5.2	5
104	Thermal and mechanical properties of a dendritic hydroxyl-functional hyperbranched polymer and tetrafunctional epoxy resin blends. *Journal of Polymer Science, Part B: Polymer Physics*, **2010**, 48, 417-424	2.6	46
103	Hydrogen bonding interactions, crystallization, and surface hydrophobicity in nanostructured epoxy/block copolymer blends. *Journal of Polymer Science, Part B: Polymer Physics*, **2010**, 48, 790-800	2.6	43
102	Microphase separation through competitive hydrogen bonding in self-assembled A-b-B/C diblock copolymer/homopolymer complexes. *Journal of Chemical Physics*, **2009**, 131, 214905	3.9	26
101	Structural and material properties of a rapidly cured thermoplastic-toughened epoxy system. *Journal of Applied Polymer Science*, **2009**, 113, 485-491	2.9	9
100	Natural wool/cellulose acetate blends regenerated from the ionic liquid 1-butyl-3-methylimidazolium chloride. *Carbohydrate Polymers*, **2009**, 78, 999-1004	10.3	37
99	Study on thermoplastic-modified multifunctional epoxies: Influence of heating rate on cure behaviour and phase separation. *Composites Science and Technology*, **2009**, 69, 1172-1179	8.6	45
98	Eutectic crystallization and hydrogen bonding interactions in polymer/surfactant blends. *Journal of Polymer Science, Part B: Polymer Physics*, **2009**, 47, 1015-1023	2.6	5
97	Self-assembled complexes of poly(acrylic acid) and poly(styrene)-block-poly(4-vinyl pyridine). *Journal of Polymer Science, Part B: Polymer Physics*, **2009**, 47, 1192-1202	2.6	11

96	Competitive hydrogen bonding and self-assembly in poly(2-vinyl pyridine)-block-poly(methyl methacrylate)/poly(hydroxyether of bisphenol A) blends. *Journal of Polymer Science, Part B: Polymer Physics*, **2009**, 47, 1894-1905	2.6	31
95	Self-Assembled Complexes of Poly(4-vinylphenol) and Poly(ε-caprolactone)-block-poly(2-vinylpyridine) via Competitive Hydrogen Bonding. *Macromolecules*, **2008**, 41, 7596-7605	5.5	64
94	Consistent model predictions for isothermal cure kinetics investigation of high performance epoxy prepregs. *Journal of Applied Polymer Science*, **2008**, 107, 2231-2237	2.9	10
93	Selective hydrogen bonding and hierarchical nanostructures in poly(hydroxyether of bisphenol A)/poly(e-caprolactone)-block-poly(2-vinyl pyridine) blends. *Polymer*, **2008**, 49, 922-933	3.9	46
92	Nanostructures and nanoporosity in thermoset epoxy blends with an amphiphilic polyisoprene-block-poly(4-vinyl pyridine) reactive diblock copolymer. *Polymer*, **2008**, 49, 1737-1742	3.9	42
91	Nanostructure and hydrogen bonding in interpolyelectrolyte complexes of poly(e-caprolactone)-block-poly(2-vinyl pyridine) and poly(acrylic acid). *Polymer*, **2008**, 49, 5268-5275	3.9	30
90	Synthesis and characterization of dendritic star-shaped poly(?-caprolactone)-block-poly(L-lactide) block copolymers. *Journal of Applied Polymer Science*, **2007**, 106, 417-424	2.9	16
89	Synthesis and fractionated crystallization of organic□inorganic hybrid composite materials from an amphiphilic polyethylene-block-poly(ethylene oxide) diblock copolymer. *Polymer*, **2007**, 48, 3925-3929	3.9	10
88	Morphological development and rheological changes of phenoxy/SAN blends during in-situ polymerization. *Journal of Polymer Science, Part B: Polymer Physics*, **2007**, 45, 2614-2619	2.6	1
87	Stereocomplexation and Monolayer Morphologies of a Stereoregular Poly(methyl methacrylate) Mixture Formed at the Air/Water Surface. *Journal of Physical Chemistry C*, **2007**, 111, 6488-6494	3.8	10
86	Phase behavior, crystallization, and nanostructures in thermoset blends of epoxy resin and amphiphilic star-shaped block copolymers. *Journal of Polymer Science, Part B: Polymer Physics*, **2006**, 44, 975-985	2.6	40
85	Phase separation, porous structure, and cure kinetics in aliphatic epoxy resin containing hyperbranched polyester. *Journal of Polymer Science, Part B: Polymer Physics*, **2006**, 44, 889-899	2.6	49
84	Competitive specific interactions in miscible blends of poly(hydroxyether terephthalate ester) and poly(4-vinyl pyridine). *Journal of Polymer Science, Part B: Polymer Physics*, **2006**, 44, 1618-1626	2.6	6
83	Nanostructured thermoset epoxy resin templated by an amphiphilic poly(ethylene oxide)-block-poly(dimethylsiloxane) diblock copolymer. *Journal of Polymer Science, Part B: Polymer Physics*, **2006**, 44, 3042-3052	2.6	37
82	Phase behavior and crystallization in blends of a low molecular weight polyethylene-block-poly(ethylene oxide) diblock copolymer and poly(hydroxyether of bisphenol A). *Thermochimica Acta*, **2006**, 451, 168-173	2.9	15
81	Phase behavior, crystallization, and morphology in thermosetting blends of a biodegradable poly(ethylene glycol)-type epoxy resin and poly(?-caprolactone). *Journal of Polymer Science, Part B: Polymer Physics*, **2004**, 42, 2833-2843	2.6	15
80	Thermosetting Blends of Polybenzoxazine and Poly(ε-caprolactone): Phase Behavior and Intermolecular Specific Interactions. *Macromolecular Chemistry and Physics*, **2004**, 205, 1547-1558	2.6	64
79	Miscibility and phase separation in blends of phenolphthalein poly(aryl ether ketone) and poly(ethylene oxide): a differential scanning calorimetric study. *Thermochimica Acta*, **2004**, 419, 267-274	2.9	4

78	Miscibility In Blends Of Poly(methyl Methacrylate) And Poly(silyl Ether) As Investigated By Dsc And 13C Cp/mas Nmr Spectroscopy. *Journal of Macromolecular Science - Physics*, **2003**, 42, 351-365	1.4	4
77	Epoxy resin/poly(ethylene oxide) (PEO) and poly(ε-caprolactone) (PCL) blends cured with 1,3,5-trihydroxybenzene: miscibility and intermolecular interactions. *Colloid and Polymer Science*, **2003**, 281, 1015-1024	2.4	22
76	Epoxy resin containing the poly(sily ether): Preparation, morphology, and mechanical properties. *Journal of Applied Polymer Science*, **2003**, 89, 505-512	2.9	4
75	Poly(hydroxyether of phenolphthalein) and its blends with poly(ethylene oxide). *Journal of Polymer Science, Part B: Polymer Physics*, **2003**, 41, 466-475	2.6	13
74	Epoxy resin/poly(?-caprolactone) blends cured with 2,2-bis[4-(4-aminophenoxy)phenyl]propane. I. Miscibility and crystallization kinetics. *Journal of Polymer Science, Part B: Polymer Physics*, **2003**, 41, 1085-1098	2.6	42
73	Epoxy resin/poly(?-caprolactone) blends cured with 2,2-bis[4-(4-aminophenoxy)phenyl]propane. II. Studies by Fourier transform infrared and carbon-13 cross-polarization/magic-angle spinning nuclear magnetic resonance spectroscopy. *Journal of Polymer Science, Part B: Polymer Physics*, **2003**, 41, 1099-1111	2.6	23
72	Block copolymer modified novolac epoxy resin. *Journal of Polymer Science, Part B: Polymer Physics*, **2003**, 41, 1994-2003	2.6	54
71	Miscibility and phase behavior in blends of phenolphthalein poly(ether sulfone) and poly(hydroxyether of bisphenol A). *Polymer*, **2003**, 44, 867-876	3.9	31
70	Nanostructures, Semicrytalline Morphology, and Nanoscale Confinement Effect on the Crystallization Kinetics in Self-Organized Block Copolymer/Thermoset Blends. *Macromolecules*, **2003**, 36, 3635-3645	5.5	98
69	Phase Behavior, Crystallization, and Hierarchical Nanostructures in Self-Organized Thermoset Blends of Epoxy Resin and Amphiphilic Poly(ethylene oxide)-block-poly(propylene oxide)-block-poly(ethylene oxide) Triblock Copolymers. *Macromolecules*, **2002**, 35, 3133-3144	5.5	183
68	Miscibility, crystallization and real-time small-angle X-ray scattering investigation of the semicrystalline morphology in thermosetting polymer blends. *Polymer*, **2001**, 42, 6031-6041	3.9	71
67	Crystallization kinetics of poly(ε-caprolactone) in miscible thermosetting polymer blends of epoxy resin and poly(ε-caprolactone). *Polymer*, **2001**, 42, 8647-8655	3.9	143
66	Miscibility and mechanical properties of tetrafunctional epoxy resin/phenolphthalein poly(ether ether ketone) blends. *Journal of Applied Polymer Science*, **2001**, 79, 598-607	2.9	51
65	Miscibility, crystallization kinetics and real-time small-angle X-ray scattering investigation of the semicrystalline morphology in thermosetting polymer blends of epoxy resin and poly(ethylene oxide). *Polymer*, **2001**, 42, 4127-4140	3.9	97
64	Phase behavior, morphology and interfacial structure in thermoset/thermoplastic elastomer blends of poly(propylene glycol)-type epoxy resin and polystyrene-*b*-polybutadiene. *Polymer*, **2001**, 42, 10101-10110	3.9	45
63	Crystallization kinetics of miscible thermosetting polymer blends of novolac resin and poly(ethylene oxide). *Polymer*, **2000**, 41, 1711-1718	3.9	15
62	Miscibility, morphology and fracture toughness of tetrafunctional epoxy resin/poly (styrene-co-acrylonitrile) blends. *Journal of Materials Science*, **2000**, 35, 5613-5619	4.3	24
61	Solid-state n.m.r. investigation of crosslinkable blends of novolac and poly(?-caprolactone). *Polymer* , **1999**, 40, 27-33	3.9	21

60	Miscibility and crystallization of thermosetting polymer blends of unsaturated polyester resin and poly(?-caprolactone). *Polymer*, **1999**, 40, 637-646	3.9	37
59	Poly(azoaromatic viologen): its synthesis and reversibly photocontrollable supramolecular assembly in a polymer/low-molar-mass system. *Materials Science and Engineering C*, **1999**, 7, 91-98	8.3	5
58	Phase behaviour, mechanical properties and thermal stability of thermosetting polymer blends of unsaturated polyester resin and poly(ethylene oxide). *Journal of Materials Science*, **1999**, 34, 123-128	4.3	19
57	Miscibility and interchange reactions in blends of bisphenol-A-type epoxy resin and poly(ethylene terephthalate). *Journal of Applied Polymer Science*, **1999**, 73, 639-647	2.9	12
56	Blends of poly(hydroxyether of bisphenol A) and polycarbonate: in situ polymerization preparation, miscibility, and transreaction. *Journal of Applied Polymer Science*, **1999**, 73, 1181-1190	2.9	8
55	Crystallization kinetics of thermosetting polymer blends of poly(□caprolactone) and unsaturated polyester resin. *Journal of Applied Polymer Science*, **1999**, 74, 322-327	2.9	7
54	Characterization of blends of poly(vinyl chloride) and poly(N-vinyl pyrrolidone) by FTIR and 13C CP/MAS NMR spectroscopy. *Journal of Polymer Science, Part B: Polymer Physics*, **1999**, 37, 2412-2419	2.6	24
53	Crystallization kinetics of crosslinkable polymer complexes of novolac resin and poly(ethylene oxide) **1999**, 37, 2726-2736		21
52	A polymer of bisphenol A and bisphenol A diglycidyl ether and its blends with poly(styrene-co-acrylonitrile): In situ polymerization preparation, morphology, and mechanical properties. *Journal of Polymer Science Part A*, **1999**, 37, 525-532	2.5	12
51	Poly(hydroxyether of bisphenol A)/poly(vinyl acetate) blends: In situ polymerization preparation, morphology, and properties. *Journal of Polymer Science Part A*, **1999**, 37, 2329-2337	2.5	14
50	Viscometric study of polymer□polymer interactions in ternary systems□. The influence of solvent. *European Polymer Journal*, **1998**, 34, 1303-1308	5.2	18
49	Examination of miscibility at molecular level of poly(hydroxyether of bisphenol A)/poly(N-vinyl pyrrolidone) blends by cross-polarization/magic angle spinning 13C nuclear magnetic resonance spectroscopy. *Journal of Polymer Science, Part B: Polymer Physics*, **1998**, 36, 2291-2300	2.6	32
48	Crosslinkable interpolymer complexes of novolac resin and poly(ethylene oxide) **1998**, 36, 401-411		25
47	Phase behavior and properties of poly(methyl methacrylate)/poly(vinyl acetate) blends prepared via in situ polymerization. *Journal of Applied Polymer Science*, **1998**, 69, 675-684	2.9	15
46	Miscibility, phase behavior, and mechanical properties of ternary blends of poly(vinyl chloride)/polystyrene/chlorinated polyethylene-graft-polystyrene. *Journal of Applied Polymer Science*, **1998**, 69, 995-1003	2.9	19
45	Bamboo fiber-reinforced polypropylene composites: A study of the mechanical properties. *Journal of Applied Polymer Science*, **1998**, 69, 1891-1899	2.9	235
44	Blends of phenolphthalein poly(ether ether ketone) and a thermotropic liquid crystalline copolyester. *Journal of Applied Polymer Science*, **1998**, 69, 1923-1931	2.9	10
43	Miscibility and morphology of thermosetting polymer blends of novolac resin with poly(ethylene oxide). *Polymer*, **1998**, 39, 517-523	3.9	43

42	Phase behaviour and mechanical properties of epoxy resin containing phenolphthalein poly(ether ether ketone). *Polymer*, **1998**, 39, 1075-1080	3.9	54
41	Miscibility and cure kinetics of nylon/epoxy resin reactive blends. *Polymer*, **1998**, 39, 3451-3458	3.9	34
40	Miscibility of poly(epichlorohydrin)/poly(N-vinyl-2-pyrrolidone) blends investigated with high-resolution solid-state 13C n.m.r.. *Polymer*, **1998**, 39, 6289-6292	3.9	10
39	Tensile properties of blends of phenolphthalein poly(ether ether sulphone) with a poly(ether imide). *Journal of Macromolecular Science - Physics*, **1997**, 36, 423-428	1.4	1
38	Blends of poly(vinyl chloride) with acrylonitrile-chlorinated polyethylene-styrene copolymer. I. Miscibility, phase behavior, and thermal properties. *Journal of Macromolecular Science - Physics*, **1997**, 36, 441-454	1.4	7
37	Blends of phenolphthalein poly(ether ether sulfone) with a thermotropic liquid crystalline copolyester. *Journal of Macromolecular Science - Physics*, **1997**, 36, 153-167	1.4	1
36	In situ polymerization preparation of blends of poly(methyl methacrylate) and poly(styrene-co-acrylonitrile). *Journal of Materials Science*, **1997**, 32, 3463-3468	4.3	10
35	The miscibility and morphology of hexamine cross-linked novolac/poly(?-caprolactone) blends. *Polymer*, **1997**, 38, 279-286	3.9	32
34	Miscibility and mechanical properties of epoxy resin/polysulfone blends. *Polymer*, **1997**, 38, 5565-5571	3.9	99
33	A DSC study of miscibility and phase separation in crystalline polymer blends of phenolphthalein poly(ether ether sulfone) and poly(ethylene oxide) **1997**, 35, 1383-1392		36
32	Poly(N-phenyl-2-hydroxytrimethylene amine): Its blends with poly(?-caprolactone) and water-soluble polyethers. *Journal of Polymer Science Part A*, **1997**, 35, 211-218	2.5	5
31	Thermosetting polymer blends of unsaturated polyester resin and poly(ethylene oxide). I. Miscibility and thermal properties. *Journal of Polymer Science Part A*, **1997**, 35, 3161-3168	2.5	36
30	Thermosetting polymer blends of unsaturated polyester resin and poly(ethylene oxide). II. Hydrogen-bonding interaction, crystallization kinetics, and morphology. *Journal of Polymer Science Part A*, **1997**, 35, 3169-3179	2.5	41
29	Blends of poly(vinyl chloride) with acrylonitrile-chlorinated polyethylene-styrene copolymer. II. Mechanical properties. *Journal of Applied Polymer Science*, **1997**, 64, 399-405	2.9	6
28	Bamboo fiber-reinforced polypropylene composites: Crystallization and interfacial morphology. *Journal of Applied Polymer Science*, **1997**, 64, 1267-1273	2.9	144
27	Blends of the alternating ethylene-tetrafluoroethylene copolymer with poly(vinylidene fluoride). *Journal of Applied Polymer Science*, **1997**, 65, 295-304	2.9	8
26	Interpolymer complexes and miscible blends of poly(p-vinyl phenol) and poly(ethylene imine). *European Polymer Journal*, **1997**, 33, 659-665	5.2	32
25	Miscibility and phase behavior in blends containing random copolymers of poly(ether ether ketone) and phenolphthalein poly(ether ether ketone). *Journal of Applied Polymer Science*, **1996**, 60, 807-813	2.9	5

24	Interpolymer complexes and miscible blends of poly(N-vinyl-2-pyrrolidone) with novolac resin and the effect of crosslinking on related behaviour **1996**, 41, 315-322		14
23	Miscibility of poly(N-vinyl-2-pyrrolidone) with poly(hydroxyether of phenolphthalein) and polyacrylonitrile. *European Polymer Journal*, **1996**, 32, 423-426	5.2	24
22	Miscibility and phase behaviour in blends of poly(vinyl alcohol) and a copolyamide. *European Polymer Journal*, **1996**, 32, 757-760	5.2	13
21	Miscibility of poly(vinyl methyl ketone) with poly(2-hydroxyethyl methacrylate) and poly(epichlorohydrin). *European Polymer Journal*, **1996**, 32, 321-323	5.2	4
20	Miscibility, morphology and fracture toughness of epoxy resin/poly(vinyl acetate) blends. *Colloid and Polymer Science*, **1996**, 274, 410-417	2.4	36
19	Miscibility, morphology and fracture toughness of epoxy resin/poly(styrene-co-acrylonitrile) blends. *Polymer*, **1996**, 37, 4667-4673	3.9	80
18	Completely miscible ternary blends□I. Poly(vinylidenefluoride)-poly(methyl methacrylate)-poly(vinyl acetate). *European Polymer Journal*, **1996**, 32, 1409-1413	5.2	23
17	Effect of curing agent on the phase behaviour of epoxy resin/phenoxy blends. *Polymer*, **1995**, 36, 4753-4760	3.9	39
16	Miscible blends containing a crystallizable component: poly(vinyl alcohol)/poly(ethyleneimine). *Macromolecular Rapid Communications*, **1995**, 16, 785-791	4.8	5
15	Crystallization of rare earth oxide-filled polypropylene. *Journal of Applied Polymer Science*, **1993**, 47, 2111-2116	2.9	23
14	Phase behaviour in epoxy resin containing phenolphthalein poly(ether ether sulphone). *Polymer*, **1993**, 34, 70-76	3.9	12
13	Miscibility of poly(N-vinyl-2-pyrrolidone) with a copolyamide. *Polymer*, **1992**, 33, 893-895	3.9	12
12	Tensile properties of blends of phenolphthalein poly(ether ether ketone) with a poly(ether imide). *European Polymer Journal*, **1992**, 28, 481-483	5.2	4
11	Blends of phenolphthalein poly(ether ether ketone) with phenoxy and epoxy resin. *Polymer*, **1991**, 32, 58-65	3.9	37
10	The miscibility and morphology of epoxy resin/poly(ethylene oxide) blends. *Polymer*, **1991**, 32, 53-57	3.9	27
9	Polyurethanes from 2,4-toluene diisocyanate and a mixture of castor oil and hydroxyether of bisphenol-A. *European Polymer Journal*, **1990**, 26, 1177-1180	5.2	20
8	Miscible blends of poly(ethylene oxide) and an amorphous copolyester-polyurethane. *European Polymer Journal*, **1990**, 26, 67-71	5.2	5
7	Mechanical properties of miscible phenolphthalein poly(ether ether ketone)/polysulfone blends. *Polymer Engineering and Science*, **1990**, 30, 44-48	2.3	26

6	A new method for rapid evaluation of long-chain branching in polymers. *Journal of Applied Polymer Science*, **1990**, 41, 2383-2390	2.9	6
5	A DSC study on miscible blends containing two crystalline components: poly(ε-caprolactone)/poly[3,3-bis(chloromethyl)oxetane]. *Die Makromolekulare Chemie*, **1990**, 191, 2639-2645		17
4	Miscibility of poly(N-vinyl-2-pyrrolidone) with poly(vinyl chloride) and poly(epichlorohydrin). *Die Makromolekulare Chemie Rapid Communications*, **1990**, 11, 279-283		24
3	Phase separation during crosslinking of epoxy resin/poly(ethylene oxide) blends. *Polymer Bulletin*, **1989**, 21, 593	2.4	29
2	Miscibility of phenolphthalein poly(ether ether ketone) with poly(hydroxy ether of bisphenol A) and polysulfone. *Polymer Bulletin*, **1988**, 20, 517	2.4	29
1	Performance of Regenerated Cellulose Nanocomposites Fabricated via Ionic Liquid Based on Halloysites and Vermiculite249-273		1