Sixun Zheng

List of Publications by Year
in descending order

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220	7,644	44069	74163
papers	citations	48 h-index	75 g-index

221	221	221	4340
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Morphology and thermal properties of inorganicâ€“organic hybrids involving epoxy resin and polyhedral oligomeric silsesquioxanes. Polymer, 2004, 45, 5557-5568.	3.8	283
2	Morphology and Thermomechanical Properties of Organicâ”Inorganic Hybrid Composites Involving Epoxy Resin and an Incompletely Condensed Polyhedral Oligomeric Silsesquioxane. Macromolecules, 2005, 38, 5088-5097.	4.8	224
3	Polyurethane Networks Nanoreinforced by Polyhedral Oligomeric Silsesquioxane. Macromolecular Rapid Communications, 2005, 26, 196-200.	3.9	221
4	Nanostructured Thermosetting Blends of Epoxy Resin and Amphiphilic Poly(Îµ-caprolactone)-block-polybutadiene-block-poly(Îµ-caprolactone) Triblock Copolymer. Macromolecules, 2006, 39, 711-719.	4.8	198
5	Formation of Ordered Nanostructures in Epoxy Thermosets:Â A Mechanism of Reaction-Induced Microphase Separation. Macromolecules, 2006, 39, 5072-5080.	4.8	177
6	One-Pot Synthesis of Poly(cyclotriphosphazene-co-4,4â€²-sulfonyldiphenol) Nanotubes via an Inâ€‰Situ Template Approach. Advanced Materials, 2006, 18, 2997-3000.	21.0	167
7	Epoxy nanocomposites with octa(propylglycidyl ether) polyhedral oligomeric silsesquioxane. Polymer, 2005, 46, 12016-12025.	3.8	138
8	Montmorillonite intercalated by ammonium of octaaminopropyl polyhedral oligomeric silsesquioxane and its nanocomposites with epoxy resin. Polymer, 2005, 46, 157-165.	3.8	130
9	Reaction-Induced Microphase Separation in Epoxy Thermosets Containing Poly(Îµ-caprolactone)-block-poly(n-butyl acrylate) Diblock Copolymer. Macromolecules, 2007, 40, 2548-2558.	4.8	127
10	Miscibility and mechanical properties of epoxy resin/polysulfone blends. Polymer, 1997, 38, 5565-5571.	3.8	113
11	Star-shaped poly(É›-caprolactone) with polyhedral oligomeric silsesquioxane core. Polymer, 2006, 47, 6814-6825.	3.8	110
12	Inorganic-organic nanocomposites of polybenzoxazine with octa(propylglycidyl ether) polyhedral oligomeric silsesquioxane. Journal of Polymer Science Part A, 2006, 44, 1168-1181.	2.3	109
13	Microphase Separation in Thermosetting Blends of Epoxy Resin and Poly(Îµ-caprolactone)-block-Polystyrene Block Copolymers. Macromolecules, 2008, 41, 1411-1420.	4.8	104
14	A Novel Photocrosslinkable Polyhedral Oligomeric Silsesquioxane and Its Nanocomposites with Poly(vinyl cinnamate). Chemistry of Materials, 2004, 16, 5141-5148.	6.7	99
15	Nanostructures in Thermosetting Blends of Epoxy Resin with Polydimethylsiloxane-block-poly(Îµ-caprolactone)-block-polystyrene ABC Triblock Copolymer. Macromolecules, 2009, 42, 327-336.	4.8	99
16	Poly(hydroxyether of bisphenol A)-block-polydimethylsiloxane alternating block copolymer and its nanostructured blends with epoxy resin. Polymer, 2008, 49, 3318-3326.	3.8	90
17	Miscibility, morphology and fracture toughness of epoxy resin/poly(styrene-co-acrylonitrile) blends. Polymer, 1996, 37, 4667-4673.	3.8	88
18	Poly(N-isopropylacrylamide) nanocrosslinked by polyhedral oligomeric silsesquioxane: Temperature-responsive behavior of hydrogels. Journal of Colloid and Interface Science, 2007, 307, 377-385.	9.4	88

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19	Miscibility of epoxy resins/poly(ethylene oxide) blends cured with phthalic anhydride. Polymer, 1994, 35, 2619-2623.	3.8	84
20	Epoxy resin containing poly(ethylene oxide)-block-poly(É›-caprolactone) diblock copolymer: Effect of curing agents on nanostructures. Polymer, 2006, 47, 7590-7600.	3.8	82
21	Reaction-induced microphase separation in thermosetting blends of epoxy resin with poly(methyl) Tj ETQq1 1 0.784314 rgBT /Overlock morphological structures. Polymer, 2008, 49, 3157-3167.	3.8	82
22	Polyurethane Networks Modified with Octa(propylglycidyl ether) Polyhedral Oligomeric Silsesquioxane. Macromolecular Chemistry and Physics, 2006, 207, 1842-1851.	2.2	79
23	Rapid Deswelling and Reswelling Response of Poly(N-isopropylacrylamide) Hydrogels via Formation of Interpenetrating Polymer Networks with Polyhedral Oligomeric Silsesquioxane-Capped Poly(ethylene oxide) Amphiphilic Telechelics. Journal of Physical Chemistry B, 2009, 113, 11831-11840.	2.6	77
24	Organicâ€“inorganic polyurethanes with 3,13-dihydroxypropyloctaphenyl double-decker silsesquioxane chain extender. Polymer Chemistry, 2013, 4, 1491-1501.	3.9	77
25	Morphology and thermomechanical properties of nanostructured thermosetting blends of epoxy resin and poly(É›-caprolactone)-block-polydimethylsiloxane-block-poly(É›-caprolactone) triblock copolymer. Polymer, 2007, 48, 6134-6144.	3.8	76
26	Reaction-Induced Microphase Separation in Epoxy Thermosets Containing Block Copolymers Composed of Polystyrene and Poly(Îµ-caprolactone): Influence of Copolymer Architectures on Formation of Nanophases. Macromolecules, 2012, 45, 9155-9168.	4.8	75
27	Nanostructures and Surface Dewettability of Epoxy Thermosets Containing Hepta(3,3,3-trifluoropropyl) Polyhedral Oligomeric Silsesquioxane-Capped Poly(ethylene Oxide). Journal of Physical Chemistry B, 2007, 111, 13919-13928.	2.6	74
28	Nanostructured Thermosets from Epoxy Resin and an Organicâ^'Inorganic Amphiphile. Macromolecules, 2007, 40, 7009-7018.	4.8	74
29	Influence of intramolecular specific interactions on phase behavior of epoxy resin and poly(Îµ-caprolactone) blends cured with aromatic amines. Polymer, 2005, 46, 5828-5839.	3.8	73
30	Morphology and mechanical properties of nanostructured blends of epoxy resin with poly(É›-caprolactone)-block-poly(butadiene-co-acrylonitrile)-block-poly(É›-caprolactone) triblock copolymer. Polymer, 2009, 50, 4089-4100.	3.8	69
31	Thermosetting Blends of Polybenzoxazine and Poly(Îµ-caprolactone): Phase Behavior and Intermolecular Specific Interactions. Macromolecular Chemistry and Physics, 2004, 205, 1547-1558.	2.2	66
32	Hepta(3,3,3-trifluoropropyl) Polyhedral Oligomeric Silsesquioxane-capped Poly(N-isopropylacrylamide) Telechelics: Synthesis and Behavior of Physical Hydrogels. ACS Applied Materials & Interfaces, 2011, 3, 898-909.	8.0	66
33	Organic-inorganic poly(hydroxyether of bisphenol A) copolymers with double-decker silsesquioxane in the main chains. Journal of Materials Chemistry, 2011, 21, 19344.	6.7	65
34	Double Reaction-induced Microphase Separation in Epoxy Resin Containing Polystyrene-block-poly(Îµ-caprolactone)-block-poly(n-butyl acrylate) ABC Triblock Copolymer. Macromolecules, 2010, 43, 10600-10611.	4.8	62
35	Inorganicâ€“organic interpenetrating polymer networks involving polyhedral oligomeric silsesquioxane and poly(ethylene oxide). Polymer, 2007, 48, 1176-1184.	3.8	59
36	Miscibility and phase behavior in thermosetting blends of polybenzoxazine and poly(ethylene oxide). Polymer, 2003, 44, 4689-4698.	3.8	58

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37	Surface morphology and electronic structure of bulk single crystal Î²-Ga2O3(100). Applied Physics Letters, 2009, 94, .	3.3	56
38	Phase behaviour and mechanical properties of epoxy resin containing phenolphthalein poly(ether) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.8	55
39	Miscibility and mechanical properties of tetrafunctional epoxy resin/phenolphthalein poly(ether ether) Tj ETQq1 1 0.784314 rgBT /Ove	2.6	55
40	Self-assembly behavior of hepta(3,3,3-trifluoropropyl) polyhedral oligomeric silsesquioxane-capped poly(É›-caprolactone) in epoxy resin: Nanostructures and surface properties. Polymer, 2009, 50, 685-695.	3.8	55
41	Ternary Thermosetting Blends of Epoxy Resin, Poly(ethylene oxide) and Poly(É›-caprolactone). Macromolecular Chemistry and Physics, 2005, 206, 929-937.	2.2	54
42	Nanostructures and Surface Hydrophobicity of Self-Assembled Thermosets Involving Epoxy Resin and Poly(2,2,2-trifluoroethyl acrylate)-block-Poly(ethylene oxide) Amphiphilic Diblock Copolymer. Journal of Physical Chemistry B, 2009, 113, 1857-1868.	2.6	54
43	Nanostructured thermosets from epoxy and poly(2,2,2-trifluoroethyl acrylate)-block-poly(glycidyl) Tj ETQq1 1 0.784314 rgBT /Overlock Polymer, 2011, 52, 5669-5680.	3.8	54
44	From Self-Organized Novolac Resins to Ordered Nanoporous Carbons. Macromolecules, 2010, 43, 2960-2969.	4.8	53
45	Polybenzoxazine containing polysilsesquioxane: Preparation and thermal properties. Journal of Applied Polymer Science, 2006, 99, 927-936.	2.6	52
46	Morphological Transition from Spherical to Lamellar Nanophases in Epoxy Thermosets Containing Poly(ethylene oxide)-block-poly(Îµ-caprolactone)-block-polystyrene Triblock Copolymer by Hardeners. Macromolecules, 2011, 44, 8546-8557.	4.8	52
47	Organicâ€“inorganic polyimides with double decker silsesquioxane in the main chains. Polymer Chemistry, 2016, 7, 1158-1167.	3.9	52
48	Formation and Confined Crystallization of Polyethylene Nanophases in Epoxy Thermosets. Macromolecules, 2013, 46, 2740-2753.	4.8	51
49	Morphology and thermomechanical properties of main-chain polybenzoxazine-block-polydimethylsiloxane multiblock copolymers. Polymer, 2010, 51, 1124-1132.	3.8	47
50	Epoxy resin/poly(Îµ-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.	2.1	46
51	Supramolecular inclusion complexation of polyhedral oligomeric silsesquioxane capped poly(É›-caprolactone) with Î±-cyclodextrin. Journal of Polymer Science Part A, 2007, 45, 1247-1259.	2.3	46
52	Epoxy Resin Containing Octamaleimidophenyl Polyhedral Oligomeric Silsesquioxane. Macromolecular Chemistry and Physics, 2005, 206, 2075-2083.	2.2	45
53	Poly(hydroxyl urethane)s with Double Decker Silsesquioxanes in the Main Chains: Synthesis, Shape Recovery, and Reprocessing Properties. Macromolecules, 2020, 53, 434-444.	4.8	45
54	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.	2.3	44

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55	Organicâ€“inorganic hybrid hydrogels involving poly(Nâ€isopropylacrylamide) and polyhedral oligomeric silsesquioxane: Preparation and rapid thermoresponsive properties. Journal of Polymer Science, Part B: Polymer Physics, 2009, 47, 504-516.	2.1	44
56	Synthesis and Selfâ€Assembly Behavior of Organicâ€“Inorganic Poly(ethylene oxide)â€blockâ€Poly(MA) Tj ETQq0 0 0 rgBT /Overl and Physics, 2012, 213, 458-469.	2.2	43
57	Morphology and structure of organosilicon polymer-modified epoxy resins. Macromolecular Chemistry and Physics, 1995, 196, 269-278.	2.2	41
58	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.	2.3	41
59	Organicâ€“inorganic hybrid nanocomposites involving novolac resin and polyhedral oligomeric silsesquioxane. Reactive and Functional Polymers, 2007, 67, 627-635.	4.1	41
60	Organic-inorganic polybenzoxazine copolymers with double decker silsesquioxanes in the main chains: Synthesis and thermally activated ring-opening polymerization behavior. Polymer, 2017, 109, 254-265.	3.8	41
61	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.	2.1	40
62	Incorporation, valence state, and electronic structure of Mn and Cr in bulk single crystal Î²â€“Ga2O3. Journal of Applied Physics, 2012, 111, 123716.	2.5	40
63	A DSC study of miscibility and phase separation in crystalline polymer blends of phenolphthalein poly (ether ether sulfone) and poly(ethylene oxide). Journal of Polymer Science, Part B: Polymer Physics, 1997, 35, 1383-1392.	2.1	39
64	Inorganic-organic hybrids involving poly(É›-caprolactone) and silica network: Hydrogen-bonding interactions and isothermal crystallization kinetics. Journal of Polymer Science, Part B: Polymer Physics, 2005, 43, 2594-2603.	2.1	39
65	Reaction-induced microphase separation in epoxy resin containing polystyrene-block-poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Overl	5.4	39
66	Miscibility, morphology and fracture toughness of epoxy resin/poly(vinyl acetate) blends. Colloid and Polymer Science, 1996, 274, 410-417.	2.1	38
67	Synthesis and Characterization of Dendritic Star Poly(L-Lactide)s. Polymer Bulletin, 2007, 58, 767-775.	3.3	38
68	Formation of nanostructures in thermosets containing block copolymers: From self-assembly to reaction-induced microphase separation mechanism. Polymer, 2014, 55, 1190-1201.	3.8	38
69	Formation of POSS-POSS interactions in polyurethanes: From synthesis, morphologies to shape memory properties of materials. Polymer, 2019, 160, 82-92.	3.8	38
70	Examination of miscibility at molecular level of poly(hydroxyether of bisphenol A)/poly(N-vinyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 spectroscopy. Journal of Polymer Science, Part B: Polymer Physics, 1998, 36, 2291-2300.	2.1	36
71	Poly(ethylene imine) hybrids containing polyhedral oligomeric silsesquioxanes: Preparation, structure and properties. European Polymer Journal, 2008, 44, 3946-3956.	5.4	36
72	Organic-inorganic copolymers with double-decker silsesquioxane in the main chains by polymerization via click chemistry. Journal of Polymer Science Part A, 2013, 51, 4221-4232.	2.3	36

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73	Organicâ€“Inorganic Linear Segmented Polyurethanes Simultaneously Having Shape Recovery and Self-Healing Properties. ACS Applied Polymer Materials, 2019, 1, 3174-3184.	4.4	36
74	Miscibility and intermolecular specific interactions in blends of poly(hydroxyether of bisphenol A) and poly(4-vinyl pyridine). Polymer, 2003, 44, 1067-1074.	3.8	35
75	Self-organized thermosets involving epoxy and poly(É›-caprolactone)-block-poly(ethylene-co-ethylethylene)-block-poly(É›-caprolactone) amphiphilic triblock copolymer. Polymer, 2010, 51, 6047-6057.	3.8	33
76	Synthesis and characterization of bead-like poly(N-isopropylacrylamide) copolymers with double decker silsesquioxane in the main chains. Polymer Chemistry, 2015, 6, 256-269.	3.9	33
77	Miscibility and phase behavior in blends of phenolphthalein poly(ether sulfone) and poly(hydroxyether of bisphenol A). Polymer, 2003, 44, 867-876.	3.8	32
78	Physically crossâ€linked networks of POSSâ€capped poly(acrylate amide)s: Synthesis, morphologies, and shape memory behavior. Journal of Polymer Science, Part B: Polymer Physics, 2017, 55, 587-600.	2.1	32
79	Poly(N-isopropylacrylamide)-block-poly(vinyl pyrrolidone) block copolymer networks: Synthesis and rapid thermoresponse of hydrogels. Polymer, 2013, 54, 1370-1380.	3.8	31
80	Title is missing!. Journal of Materials Science, 2000, 35, 5613-5619.	3.7	30
81	Synthesis and Characterization of Organic/Inorganic Polyrotaxanes from Polyhedral Oligomeric Silsesquioxane and Poly(ethylene oxide)/Î±â€Cyclodextrin Polypseudorotaxanes via Click Chemistry. Macromolecular Chemistry and Physics, 2009, 210, 783-791.	2.2	30
82	Organicâ€“inorganic random copolymers from methacrylate-terminated poly(ethylene oxide) with 3-methacryloxypropylheptaphenyl polyhedral oligomeric silsesquioxane: synthesis via RAFT polymerization and self-assembly behavior. Soft Matter, 2014, 10, 383-394.	2.7	29
83	Miscibility, Intermolecular Interactions, and Thermal Behavior of Poly(hydroxy ether of Bisphenol) Tj ETQq1 1 0.784314 rgBT /Overlock	4.8	28
84	Poly(N-vinylpyrrolidone)-grafted poly(N-isopropylacrylamide) copolymers: Synthesis, characterization and rapid deswelling and reswelling behavior of hydrogels. Polymer, 2011, 52, 2340-2350.	3.8	28
85	Organicâ€“inorganic polyurethanes with double decker silsesquioxanes in the main chains: Morphologies, surface hydrophobicity, and shape memory properties. Journal of Polymer Science, Part B: Polymer Physics, 2018, 56, 893-906.	2.1	28
86	Epoxy resin/poly(ethylene oxide) (PEO) and poly(?-caprolactone) (PCL) blends cured with 1,3,5-trihydroxybenzene: miscibility and intermolecular interactions. Colloid and Polymer Science, 2003, 281, 1015-1024.	2.1	27
87	Shape memory and self-healing properties of polymer-grafted Fe3O4 nanocomposites implemented with supramolecular quadruple hydrogen bonds. Polymer, 2019, 172, 404-414.	3.8	27
88	Organicâ€“Inorganic Polycyclooctadienes with Double-Decker Silsesquioxanes in the Main Chains: Synthesis, Self-Healing, and Shape Memory Properties Regulated with Quadruple Hydrogen Bonds. Macromolecules, 2020, 53, 7119-7131.	4.8	27
89	Different deswelling behavior of temperature-sensitive microgels ofÂpoly(N-isopropylacrylamide) crosslinked by polyethyleneglycol dimethacrylates. Journal of Colloid and Interface Science, 2004, 276, 53-59.	9.4	26
90	Poly(4-vinylpyridine) Nanocrosslinked by Polyhedral Oligomeric Silsesquioxane. Macromolecular Rapid Communications, 2005, 26, 920-925.	3.9	26

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91	Melting and crystallization behavior of polyhedral oligomeric silsesquioxaneâ€capped poly(Îµâ€caprolactone). Journal of Polymer Science, Part B: Polymer Physics, 2007, 45, 2201-2214.	2.1	26
92	Reaction-induced microphase separation in polybenzoxazine thermosets containing poly(N-vinyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 7	3.8	26
93	Epoxy resin/poly(Îµ-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.	2.1	25
94	Synthesis and characterization of heptaphenyl polyhedral oligomeric silsesquioxane-capped poly(N-isopropylacrylamide)s. European Polymer Journal, 2012, 48, 945-955.	5.4	25
95	Organicâ€“inorganic hybrid diblock copolymer composed of poly (Îµâ€caprolactone) and poly(MA POSS): Synthesis and its nanocomposites with epoxy resin. Journal of Polymer Science Part A, 2013, 51, 2079-2090.	2.3	25
96	Characterization of blends of poly(vinyl chloride) and poly(N-vinyl pyrrolidone) by FTIR and13C CP/MAS NMR spectroscopy. Journal of Polymer Science, Part B: Polymer Physics, 1999, 37, 2412-2419.	2.1	24
97	Self-decelerated crystallization in blends of polyhydroxyether of bisphenol A and poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 1 1250-1257.	2.1	24
98	Highly Porous Polysilsesquioxane Networks via Hydrosilylative Polymerization of Macrocyclic Oligomeric Silsesquioxanes. Macromolecules, 2008, 41, 4561-4564.	4.8	24
99	Poly(acrylic acid)-grafted Poly(N-isopropyl acrylamide) Networks: Preparation, Characterization and Hydrogel Behavior. Journal of Biomaterials Science, Polymer Edition, 2011, 22, 2305-2324.	3.5	24
100	Formation of nanophases in epoxy thermosets containing an organicâ€“inorganic macrocyclic molecular brush with poly(Îµ-caprolactone)-block-polystyrene side chains. Soft Matter, 2012, 8, 7062.	2.7	24
101	Effect of crosslinking on intermolecular interactions in thermosetting blends of epoxy resin with poly(ethylene oxide). Journal of Polymer Science, Part B: Polymer Physics, 2004, 42, 2567-2575.	2.1	23
102	Poly(hydroxyether of bisphenol A) â€altâ€polydimethylsiloxane: a novel thermally crosslinkable alternating block copolymer. Polymer International, 2009, 58, 124-132.	3.1	23
103	Effect of hydrophobic polystyrene microphases on temperature-responsive behavior of poly(N-isopropylacrylamide) hydrogels. Polymer, 2009, 50, 670-678.	3.8	23
104	Miscibility, phase behavior, and mechanical properties of ternary blends of poly(vinyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 227 Td (chlo 1998, 69, 995-1003.	2.6	22
105	Poly(Îµ-caprolactone)-Grafted Fe₃O₄ Nanoparticles: Preparation and Superparamagnetic Nanocomposites with Epoxy Thermosets. Industrial & Engineering Chemistry Research, 2015, 54, 171-180.	3.7	22
106	Shape Memory and Self-Healing Nanocomposites with POSSâ€“POSS Interactions and Quadruple Hydrogen Bonds. ACS Applied Polymer Materials, 2020, 2, 3327-3338.	4.4	22
107	Nanocomposites of Poly(hydroxyurethane)s with Multiwalled Carbon Nanotubes: Synthesis, Shape Memory, and Reprocessing Properties. ACS Applied Polymer Materials, 2020, 2, 1711-1721.	4.4	22
108	Surface morphology and dewettability of self-organized thermosets involving epoxy and POSS-capped poly(ethylene oxide) telechelics. Materials Chemistry and Physics, 2012, 136, 744-754.	4.0	21

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109	Thermoresponsive gelation behavior of poly(N-isopropylacrylamide)-block-poly(N-vinylpyrrolidone)-block-poly(N-isopropylacrylamide) triblock copolymers. European Polymer Journal, 2014, 61, 23-32.	5.4	21
110	Epoxy toughening via formation of polyisoprene nanophases with amphiphilic diblock copolymer. European Polymer Journal, 2018, 98, 321-329.	5.4	21
111	Nanocomposites of polyhydroxyurethane with Fe3O4 nanoparticles: Synthesis, shape memory and reprocessing properties. Composites Science and Technology, 2021, 215, 109009.	7.8	21
112	Poly(hydroxyether sulfone) and its blends with poly(ethylene oxide): miscibility, phase behavior and hydrogen bonding interactions. Polymer, 2004, 45, 2897-2909.	3.8	20
113	Formation of Nanophases in Epoxy Thermosets Containing Amphiphilic Block Copolymers with Linear and Star-like Topologies. Journal of Physical Chemistry B, 2013, 117, 8256-8268.	2.6	20
114	Hyperbranched block copolymer from <scp>AB</scp>₂ macromonomer: Synthesis and its reactionâ€induced microphase separation in epoxy thermosets. Journal of Polymer Science Part A, 2016, 54, 368-380.	2.3	20
115	Organicâ€“inorganic polyimide nanocomposites containing a tetrafunctional polyhedral oligomeric silsesquioxane amine: synthesis, morphology and thermomechanical properties. Polymer International, 2018, 67, 301-312.	3.1	19
116	Shape Memory and Self-Healing Properties of Poly(acrylate amide) Elastomers Reinforced with Polyhedral Oligomeric Silsesquioxanes. ACS Applied Polymer Materials, 2019, 1, 359-368.	4.4	19
117	Epoxy resin cured with poly(4-vinyl pyridine). Journal of Materials Science, 2005, 40, 6367-6373.	3.7	18
118	From poly(Nâ€isopropylacrylamide)â€blockâ€poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 392 Td (oxide)â€blc poly(Nâ€isopropylacrylamide)â€blockâ€poly(ethylene oxide) hydrogels: Synthesis and rapid deswelling and reswelling behavior of hydrogels. Journal of Polymer Science Part A, 2012, 50, 1717-1727.	2.3	18
119	Organicâ€“Inorganic Nanocomposites via Self-Assembly of an Amphiphilic Triblock Copolymer Bearing a Poly(butadiene-g-POSS) Subchain in Epoxy Thermosets: Morphologies, Surface Hydrophobicity, and Dielectric Properties. Journal of Physical Chemistry B, 2016, 120, 12003-12014.	2.6	18
120	Formation of Poly(Îµ-caprolactone) Networks via Supramolecular Hydrogen Bonding Interactions. Chinese Journal of Polymer Science (English Edition), 2019, 37, 197-207.	3.8	18
121	Phase behavior and properties of poly(methyl methacrylate)/poly(vinyl acetate) blends prepared viain situ polymerization. Journal of Applied Polymer Science, 1998, 69, 675-684.	2.6	17
122	Comparative studies on miscibility and phase behavior of linear and star poly(2-methyl-2-oxazoline) blends with poly(vinylidene fluoride). Journal of Polymer Science, Part B: Polymer Physics, 2006, 44, 942-952.	2.1	17
123	Epoxy resin containing polyphenylsilsesquioxane: Preparation, morphology, and thermomechanical properties. Journal of Polymer Science Part A, 2006, 44, 1093-1105.	2.3	17
124	Synthesis and characterization of dendritic star-shaped poly(Îµ-caprolactone)-block-poly(L-lactide) block copolymers. Journal of Applied Polymer Science, 2007, 106, 417-424.	2.6	17
125	Poly(ethylene imine)â€graftâ€poly(ethylene oxide) brushâ€like copolymers: Preparation, thermal properties, and selective supramolecular inclusion complexation with Î±â€cyclodextrin. Journal of Polymer Science, Part B: Polymer Physics, 2008, 46, 2296-2306.	2.1	17
126	Nanostructures and surface hydrophobicity of epoxy thermosets containing hepta(3,3,3-trifluropropyl) polyhedral oligomeric silsesquioxane-capped poly(hydroxyether of) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 57 T	3.4	17

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127	Dielectric Constant Enhancement of Epoxy Thermosets via Formation of Polyelectrolyte Nanophases. Journal of Physical Chemistry B, 2014, 118, 14703-14712.	2.6	17
128	Polystyrene-block-polyethylene-block-polystyrene triblock copolymers: Synthesis and crystallization-driven self-assembly behavior. Polymer, 2017, 128, 1-11.	3.8	17
129	Poly(hydroxyether of phenolphthalein) and its blends with poly(ethylene oxide). Journal of Polymer Science, Part B: Polymer Physics, 2003, 41, 466-475.	2.1	16
130	Nanostructured polybenzoxazine thermosets via reactionâ€induced microphase separation. Journal of Polymer Science, Part B: Polymer Physics, 2010, 48, 1148-1159.	2.1	16
131	Poly(ethylene oxide)-grafted poly(N-isopropylacrylamide) networks: Preparation, characterization and rapid deswelling and reswelling behavior of hydrogels. Reactive and Functional Polymers, 2012, 72, 176-184.	4.1	16
132	Poly(N-isopropylacrylamide)-block-poly(acrylic acid) hydrogels: synthesis and rapid thermoresponsive properties. Colloid and Polymer Science, 2014, 292, 2633-2645.	2.1	16
133	Nanostructured thermosets containing ï€-conjugated polymer nanophases: Morphology, dielectric and thermal conductive properties. Polymer, 2015, 69, 193-203.	3.8	16
134	Synthesis of POSSâ€terminated polycyclooctadiene telechelics via ringâ€opening metathesis polymerization. Journal of Polymer Science Part A, 2017, 55, 223-233.	2.3	16
135	Polythiourethanes Crosslinked with Dynamic Disulfide Bonds: Synthesis via Nonisocyanate Approach, Thermomechanical and Reprocessing Properties. Macromolecular Rapid Communications, 2021, 42, e2000718.	3.9	16
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137	Miscibility and Intermolecular Specific Interactions in Blends of Poly(hydroxyether sulfone) and Poly(N-vinylpyrrolidone). Macromolecular Chemistry and Physics, 2004, 205, 834-842.	2.2	15
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