

Sixun Zheng

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

217
papers

6,729
citations

46
h-index

71
g-index

221
ext. papers

7,201
ext. citations

3.7
avg, IF

6.19
L-index

#	Paper	IF	Citations
217	Block Copolymer Networks Composed of Poly(Ecaprolactone) and Polyethylene with Triple Shape Memory Properties. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2022 , 40, 185-196	3.5	1
216	Self-healable and reprocessable networks involving diblock copolymer and hindered urea bonds. <i>Polymer</i> , 2022 , 242, 124591	3.9	1
215	Nanocomposites of polyethylene with polyhedral oligomeric silsesquioxane: from thermoplastics to vitrimers through silyl ether metathesis. <i>Materials Today Chemistry</i> , 2022 , 24, 100759	6.2	1
214	Nanocomposites of Polyhydroxyurethane with POSS Microdomains: Synthesis via Non-Isocyanate Approach, Morphologies and Reprocessing Properties.. <i>Polymers</i> , 2022 , 14,	4.5	1
213	Reprocessed and shape memory networks involving poly(hydroxyl ether ester) and polydimethylsiloxane through Diels-Alder reaction. <i>European Polymer Journal</i> , 2021 , 160, 110811	5.2	3
212	Nanocomposites of polyhydroxyurethane with nanocrystalline cellulose: Synthesis, thermomechanical and reprocessing properties. <i>European Polymer Journal</i> , 2021 , 149, 110287	5.2	3
211	Crosslinked Polydicyclopentadiene Nanoparticles via Ring-Opening Metathesis Polymerization-Induced Self-Assembly Approach. <i>Macromolecular Rapid Communications</i> , 2021 , 42, e2100155	4.8	2
210	Toughness improvement of epoxy thermosets with cellulose nanocrystals. <i>Polymer International</i> , 2021 , 70, 1640	3.3	3
209	Nanostructured thermosets involving epoxy and poly(ionic liquid)-Containing diblock copolymer. <i>Polymer</i> , 2021 , 213, 123293	3.9	0
208	Polyhydroxyurethane thermosets from novolac epoxide: Synthesis and its nanostructured blends with poly(trifluoroethylacrylate)-block-poly(N-vinylpyrrolidone) diblock copolymer. <i>Polymer</i> , 2021 , 213, 123314	3.9	0
207	Polyethylenes functionalized with ureidopyrimidone: synthesis, thermomechanical properties and shape memory behavior. <i>Polymer Chemistry</i> , 2021 , 12, 3564-3575	4.9	1
206	2,6-Bis(1-butyl-1H-1,2,3-triazol-1-yl)pyridine-capped poly(N-vinylpyrrolidone)s: synthesis, complexation with metal ions, and self-assembly behavior. <i>Colloid and Polymer Science</i> , 2021 , 299, 705-718	4.8	1
205	Polythiourethanes Crosslinked with Dynamic Disulfide Bonds: Synthesis via Nonisocyanate Approach, Thermomechanical and Reprocessing Properties. <i>Macromolecular Rapid Communications</i> , 2021 , 42, e2000718	4.8	4
204	Shape recovery and reprocessable polyurethanes crosslinked with double decker silsesquioxane via Diels-Alder reaction. <i>Polymer</i> , 2021 , 230, 124042	3.9	6
203	Nanocomposites of polyhydroxyurethane with Fe3O4 nanoparticles: Synthesis, shape memory and reprocessing properties. <i>Composites Science and Technology</i> , 2021 , 215, 109009	8.6	2
202	Transformation of Commodity Poly(hydroxyether of bisphenol A) into Vitrimers via Post Crosslinking with Hindered Urea Bonds. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2020 , 38, 915-920	3.5	3
201	Nanocomposites of Poly(hydroxyurethane)s with Multiwalled Carbon Nanotubes: Synthesis, Shape Memory, and Reprocessing Properties. <i>ACS Applied Polymer Materials</i> , 2020 , 2, 1711-1721	4.3	12

200	Poly(hydroxyl urethane)s with Double Decker Silsesquioxanes in the Main Chains: Synthesis, Shape Recovery, and Reprocessing Properties. <i>Macromolecules</i> , 2020 , 53, 434-444	5.5	19
199	Shape Memory and Self-Healing Nanocomposites with POSS/POSS Interactions and Quadruple Hydrogen Bonds. <i>ACS Applied Polymer Materials</i> , 2020 , 2, 3327-3338	4.3	7
198	Organic/Inorganic Polycyclooctadienes with Double-Decker Silsesquioxanes in the Main Chains: Synthesis, Self-Healing, and Shape Memory Properties Regulated with Quadruple Hydrogen Bonds. <i>Macromolecules</i> , 2020 , 53, 7119-7131	5.5	12
197	Polyethylene telechelics with POSS termini: synthesis, morphologies and shape memory properties. <i>Polymer Chemistry</i> , 2020 , 11, 5819-5832	4.9	6
196	Thermomechanical, surface and shape memory properties of thermosetting blends of epoxy with Poly(ethylene oxide): An impact of POSS microdomain formation. <i>Materials Chemistry and Physics</i> , 2020 , 240, 122183	4.4	9
195	Organic/Inorganic Linear Segmented Polyurethanes Simultaneously Having Shape Recovery and Self-Healing Properties. <i>ACS Applied Polymer Materials</i> , 2019 , 1, 3174-3184	4.3	16
194	Shape memory and self-healing properties of polymer-grafted Fe ₃ O ₄ nanocomposites implemented with supramolecular quadruple hydrogen bonds. <i>Polymer</i> , 2019 , 172, 404-414	3.9	12
193	Synthesis, self-assembly and self-healing properties of organic/inorganic ABA triblock copolymers with poly(POSS acrylate) endblocks. <i>Polymer Chemistry</i> , 2019 , 10, 2424-2435	4.9	8
192	Shape Memory and Self-Healing Properties of Poly(acrylate amide) Elastomers Reinforced with Polyhedral Oligomeric Silsesquioxanes. <i>ACS Applied Polymer Materials</i> , 2019 , 1, 359-368	4.3	9
191	Fluorescence Enhancement Induced by Curing Reaction in Nanostructured Epoxy Thermosets Containing a Diblock Copolymer. <i>Journal of Physical Chemistry B</i> , 2019 , 123, 6282-6289	3.4	4
190	Investigation of Azobenzene Photoisomerization Effect on Morphologies and Properties of Nanostructured Thermosets Involving Epoxy and a Diblock Copolymer. <i>Journal of Physical Chemistry B</i> , 2019 , 123, 10110-10123	3.4	1
189	Toughening of epoxy thermosets with polystyrene-block-polybutadiene-block- polystyrene triblock copolymer via formation of nanostructures. <i>Polymer Engineering and Science</i> , 2019 , 59, 2387-2396	2.3	4
188	Polyhedral oligomeric silsesquioxane-capped poly(N-vinyl pyrrolidone) amphiphiles: synthesis, self-assembly, and use as porogen of nanoporous poly(vinylidene fluoride). <i>Colloid and Polymer Science</i> , 2019 , 297, 141-153	2.4	4
187	Formation of POSS-POSS interactions in polyurethanes: From synthesis, morphologies to shape memory properties of materials. <i>Polymer</i> , 2019 , 160, 82-92	3.9	28
186	Formation of Poly(ϵ -caprolactone) Networks via Supramolecular Hydrogen Bonding Interactions. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2019 , 37, 197-207	3.5	13
185	A design of shape memory networks of poly(ϵ -caprolactone)s via POSS-POSS interactions. <i>Polymers for Advanced Technologies</i> , 2019 , 30, 713-725	3.2	6
184	Photoluminescent polymeric micelles from poly(ethylene oxide)-block-poly(((4-vinylphenyl)ethene-1,1,2-triyl)tribenzene) diblock copolymers. <i>New Journal of Chemistry</i> , 2018 , 42, 7283-7292	3.6	4
183	Morphologies and dielectric properties of epoxy thermosets containing poly(N-vinylcarbazole), fullerene-C ₆₀ and their charge transfer complex nanophases. <i>Polymer</i> , 2018 , 138, 113-123	3.9	8

182	Organic/inorganic polyurethanes with double decker silsesquioxanes in the main chains: Morphologies, surface hydrophobicity, and shape memory properties. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2018 , 56, 893-906	2.6	26
181	Poly(vinylidene fluoride)-block-poly(N-vinylpyrrolidone) diblock copolymers: Synthesis via sequential RAFT/MADIX polymerization and self-assembly behavior. <i>Polymer</i> , 2018 , 142, 61-71	3.9	10
180	Organic/inorganic polyimide nanocomposites containing a tetrafunctional polyhedral oligomeric silsesquioxane amine: synthesis, morphology and thermomechanical properties. <i>Polymer International</i> , 2018 , 67, 301-312	3.3	12
179	Epoxy toughening via formation of polyisoprene nanophases with amphiphilic diblock copolymer. <i>European Polymer Journal</i> , 2018 , 98, 321-329	5.2	14
178	Polybenzoxazine nanocomposites containing 3,13-Diglycidyl double-decker silsesquioxane. <i>Polymer Composites</i> , 2017 , 38, 827-836	3	4
177	Physically cross-linked networks of POSS-capped poly(acrylate amide)s: Synthesis, morphologies, and shape memory behavior. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2017 , 55, 587-600	2.6	29
176	Organic-inorganic polybenzoxazine copolymers with double decker silsesquioxanes in the main chains: Synthesis and thermally activated ring-opening polymerization behavior. <i>Polymer</i> , 2017 , 109, 254-265	3.9	32
175	Meet Our Editor-in-Chief. <i>Current Applied Polymer Science</i> , 2017 , 1, 1-1	0.2	10
174	Polystyrene-block-polyethylene-block-polystyrene triblock copolymers: Synthesis and crystallization-driven self-assembly behavior. <i>Polymer</i> , 2017 , 128, 1-11	3.9	10
173	Synthesis and microphase separation behavior of random, mixed cylindrical brush copolymers bearing polystyrene and poly(ϵ -caprolactone) side chains. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2017 , 35, 1572-1586	3.5	7
172	Synthesis of POSS-terminated polycyclooctadiene telechelics via ring-opening metathesis polymerization. <i>Journal of Polymer Science Part A</i> , 2017 , 55, 223-233	2.5	14
171	Organic-inorganic Polybenzoxazine Nanocomposites. <i>Current Applied Polymer Science</i> , 2017 , 1, 19-34	0.2	
170	Mechanical Properties of Epoxy/Block-Copolymer Blends 2017 , 1067-1095		1
169	Photophysical and dielectric properties of nanostructured epoxy thermosets containing poly(N-vinylcarbazole) nanophases. <i>Polymer</i> , 2016 , 98, 344-352	3.9	9
168	Synthesis and characterization of mesoporous silica monoliths with polystyrene homopolymers as porogens. <i>RSC Advances</i> , 2016 , 6, 105840-105853	3.7	7
167	Mesoporous Carbons from Nanostructured Phenolic Thermosets Containing Poly(styrene-alt-maleic anhydride)-block-polystyrene Diblock Copolymer. <i>Industrial & Engineering Chemistry Research</i> , 2016 , 55, 11502-11511	3.9	2
166	Poly(N-vinyl pyrrolidone)-block-Poly(N-vinyl carbazole)-block-poly(N-vinyl pyrrolidone) triblock copolymers: Synthesis via RAFT/MADIX process, self-assembly behavior, and photophysical properties. <i>Journal of Polymer Science Part A</i> , 2016 , 54, 1852-1863	2.5	5
165	Nanostructured Epoxy Thermosets Containing Poly(vinylidene fluoride): Preparation, Morphologies, and Dielectric Properties. <i>Industrial & Engineering Chemistry Research</i> , 2016 , 55, 586-596	3.9	11

164	Organic-Inorganic polyimides with double decker silsesquioxane in the main chains. <i>Polymer Chemistry</i> , 2016 , 7, 1158-1167	4.9	40
163	Hyperbranched block copolymer from AB ₂ macromonomer: Synthesis and its reaction-induced microphase separation in epoxy thermosets. <i>Journal of Polymer Science Part A</i> , 2016 , 54, 368-380	2.5	17
162	Enhancement of dielectric constants of epoxy thermosets via a fine dispersion of barium titanate nanoparticles. <i>Journal of Applied Polymer Science</i> , 2016 , 133, n/a-n/a	2.9	3
161	Organic-Inorganic poly(N-vinylpyrrolidone) copolymers with double-decker silsesquioxane in the main chains: Synthesis, glass transition, and self-assembly behavior. <i>Journal of Polymer Science Part A</i> , 2016 , 54, 2949-2961	2.5	11
160	Organic-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. <i>Journal of Physical Chemistry B</i> , 2016 , 120, 12003-12014	3.4	15
159	A novel functionalized stereoregular macrocyclic oligomeric silsesquioxane: synthesis and its fast self-crosslinking via thiol-ene radical addition polymerization. <i>RSC Advances</i> , 2016 , 6, 87802-87807	3.7	4
158	Polystyrene-block-Polybutadiene-block-Polystyrene Triblock Copolymer Meets Silica: From Modification of Copolymer to Formation of Mesoporous Silica. <i>Industrial & Engineering Chemistry Research</i> , 2015 , 54, 6454-6466	3.9	12
157	Photoluminescent epoxy microspheres: preparation, surface functionalization via grafting polymerization and photophysical properties. <i>RSC Advances</i> , 2015 , 5, 77922-77931	3.7	8
156	A stereoregular macrocyclic oligomeric silsesquioxane bearing epoxide groups: synthesis and its nanocomposites with polybenzoxazine. <i>RSC Advances</i> , 2015 , 5, 77274-77287	3.7	8
155	Cylindrical brush copolymer bearing polystyrene-block-poly(ϵ -caprolactone) diblock side chains: Synthesis via a sequential grafting-from polymerization approach and its formation of fibrillar nanophases in epoxy thermosets. <i>Polymer</i> , 2015 , 79, 99-109	3.9	5
154	Formation of nanophases in epoxy thermosets containing ABC and ACB triblock copolymers: A comparative investigation. <i>Polymer</i> , 2015 , 80, 146-158	3.9	9
153	Poly(ϵ -caprolactone)-Grafted Fe ₃ O ₄ Nanoparticles: Preparation and Superparamagnetic Nanocomposites with Epoxy Thermosets. <i>Industrial & Engineering Chemistry Research</i> , 2015 , 54, 171-180	3.9	18
152	Synthesis and characterization of bead-like poly(N-isopropylacrylamide) copolymers with double decker silsesquioxane in the main chains. <i>Polymer Chemistry</i> , 2015 , 6, 256-269	4.9	29
151	Nanostructured thermosets containing ϵ -conjugated polymer nanophases: Morphology, dielectric and thermal conductive properties. <i>Polymer</i> , 2015 , 69, 193-203	3.9	13
150	Mechanical Properties of Epoxy/Block Copolymer Blends 2015 , 1-29		1
149	Formation of nanostructures in thermosets containing block copolymers: From self-assembly to reaction-induced microphase separation mechanism. <i>Polymer</i> , 2014 , 55, 1190-1201	3.9	32
148	Poly(N-isopropylacrylamide)-block-poly(acrylic acid) hydrogels: synthesis and rapid thermoresponsive properties. <i>Colloid and Polymer Science</i> , 2014 , 292, 2633-2645	2.4	15
147	Thermoresponsive gelation behavior of poly(N-isopropylacrylamide)-block-poly(N-vinylpyrrolidone)-block-poly(N-isopropylacrylamide) triblock copolymers. <i>European Polymer Journal</i> , 2014 , 61, 23-32	5.2	16

146	Poly(ϵ -caprolactone)-block-poly(N-vinyl pyrrolidone) diblock copolymers grafted from macrocyclic oligomeric silsesquioxane. <i>Polymer</i> , 2014 , 55, 3925-3935	3.9	5
145	Synthesis and self-assembly behavior of organic/inorganic macrocyclic molecular brushes composed of macrocyclic oligomeric silsesquioxane and poly(N-isopropylacrylamide). <i>RSC Advances</i> , 2014 , 4, 28439-28450	3.7	6
144	Organic-inorganic random copolymers from methacrylate-terminated poly(ethylene oxide) with 3-methacryloxypropylheptaphenyl polyhedral oligomeric silsesquioxane: synthesis via RAFT polymerization and self-assembly behavior. <i>Soft Matter</i> , 2014 , 10, 383-94	3.6	25
143	Dielectric constant enhancement of epoxy thermosets via formation of polyelectrolyte nanophases. <i>Journal of Physical Chemistry B</i> , 2014 , 118, 14703-12	3.4	14
142	Poly(methyl methacrylate)-block-poly(N-vinyl pyrrolidone) diblock copolymer: A facile synthesis via sequential radical polymerization mediated by isopropylxanthic disulfide and its nanostructuring polybenzoxazine thermosets. <i>Journal of Polymer Science Part A</i> , 2014 , 52, 952-962	2.5	8
141	Morphology and fracture toughness of nanostructured epoxy thermosets containing macromolecular miktobrushes composed of poly(ϵ -caprolactone) and polydimethylsiloxane side chains. <i>Journal of Materials Science</i> , 2014 , 49, 1256-1266	4.3	4
140	Organic/inorganic copolymers with double-decker silsesquioxane in the main chains by polymerization via click chemistry. <i>Journal of Polymer Science Part A</i> , 2013 , 51, 4221-4232	2.5	30
139	Organic/inorganic polyurethanes with 3,13-dihydroxypropyloctaphenyl double-decker silsesquioxane chain extender. <i>Polymer Chemistry</i> , 2013 , 4, 1491-1501	4.9	64
138	Poly(glycidyl methacrylate)-block-poly(ϵ -caprolactone)- block-poly(glycidyl methacrylate) Triblock Copolymer: Synthesis and Use as Mesoporous Silica Porogen. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2013 , 50, 399-410	2.2	6
137	Formation of nanophases in epoxy thermosets containing amphiphilic block copolymers with linear and star-like topologies. <i>Journal of Physical Chemistry B</i> , 2013 , 117, 8256-68	3.4	20
136	Poly(N-isopropylacrylamide)-block-poly(vinyl pyrrolidone) block copolymer networks: Synthesis and rapid thermoresponse of hydrogels. <i>Polymer</i> , 2013 , 54, 1370-1380	3.9	26
135	Organic/inorganic hybrid diblock copolymer composed of poly (ϵ -caprolactone) and poly(MA POSS): Synthesis and its nanocomposites with epoxy resin. <i>Journal of Polymer Science Part A</i> , 2013 , 51, 2079-2090	2.5	20
134	Formation and Confined Crystallization of Polyethylene Nanophases in Epoxy Thermosets. <i>Macromolecules</i> , 2013 , 46, 2740-2753	5.5	42
133	Crosslinked epoxy microspheres: Preparation, surface-initiated polymerization, and use as macroporous silica porogen. <i>Journal of Applied Polymer Science</i> , 2013 , 128, 2829-2839	2.9	12
132	Synthesis and characterization of organic/inorganic macrocyclic molecular brushes with poly(ϵ -caprolactone) side chains. <i>European Polymer Journal</i> , 2012 , 48, 730-742	5.2	7
131	Synthesis and characterization of heptaphenyl polyhedral oligomeric silsesquioxane-capped poly(N-isopropylacrylamide)s. <i>European Polymer Journal</i> , 2012 , 48, 945-955	5.2	23
130	Poly(ethylene oxide)-grafted poly(N-isopropylacrylamide) networks: Preparation, characterization and rapid deswelling and reswelling behavior of hydrogels. <i>Reactive and Functional Polymers</i> , 2012 , 72, 176-184	4.6	13
129	Synthesis and Self-Assembly Behavior of Organic/inorganic Poly(ethylene oxide)-block-Poly(MA POSS)-block-Poly(N-isopropylacrylamide) Triblock Copolymers. <i>Macromolecular Chemistry and Physics</i> , 2012 , 213, 458-469	2.6	41

128	Formation of nanophases in epoxy thermosets containing an organic/inorganic macrocyclic molecular brush with poly(ϵ -caprolactone)-block-polystyrene side chains. <i>Soft Matter</i> , 2012 , 8, 7062	3.6	22
127	Incorporation, valence state, and electronic structure of Mn and Cr in bulk single crystal Ca_2O_3 . <i>Journal of Applied Physics</i> , 2012 , 111, 123716	2.5	31
126	Surface morphology and dewettability of self-organized thermosets involving epoxy and POSS-capped poly(ethylene oxide) telechelics. <i>Materials Chemistry and Physics</i> , 2012 , 136, 744-754	4.4	18
125	Reaction-Induced Microphase Separation in Epoxy Thermosets Containing Block Copolymers Composed of Polystyrene and Poly(ϵ -caprolactone): Influence of Copolymer Architectures on Formation of Nanophases. <i>Macromolecules</i> , 2012 , 45, 9155-9168	5.5	64
124	From poly(N-isopropylacrylamide)-block-poly(ethylene oxide)-block-poly(N-isopropylacrylamide) triblock copolymer to poly(N-isopropylacrylamide)-block-poly(ethylene oxide) hydrogels: Synthesis and rapid deswelling and reswelling behavior of hydrogels. <i>Journal of Polymer Science Part A</i> , 2012 , 50, 1717-1727	2.5	16
123	Miscibility and Hydrogen Bonding Interactions in Blends of Poly(hydroxyether ketone) and Poly(4-vinyl pyridine). <i>Journal of Macromolecular Science - Physics</i> , 2012 , 51, 368-382	1.4	5
122	Morphology and Properties of Polybenzoxazine Blends 2011 , 445-455		1
121	Morphological Transition from Spherical to Lamellar Nanophases in Epoxy Thermosets Containing Poly(ethylene oxide)-block-poly(ϵ -caprolactone)-block-polystyrene Triblock Copolymer by Hardeners. <i>Macromolecules</i> , 2011 , 44, 8546-8557	5.5	49
120	Nanostructured thermosets from epoxy and poly(2,2,2-trifluoroethyl acrylate)-block-poly(glycidyl methacrylate) diblock copolymer: Demixing of reactive blocks and thermomechanical properties. <i>Polymer</i> , 2011 , 52, 5669-5680	3.9	52
119	Nanostructures and surface hydrophobicity of epoxy thermosets containing hepta(3,3,3-trifluoropropyl) polyhedral oligomeric silsesquioxane-capped poly(hydroxyether of bisphenol A) telechelics. <i>Journal of Colloid and Interface Science</i> , 2011 , 363, 250-60	9.3	15
118	Microphase separation in polybenzoxazine thermosets containing benzoxazine-terminated poly(ethylene oxide) telechelics. <i>European Polymer Journal</i> , 2011 , 47, 1550-1562	5.2	7
117	Morphology and thermomechanical properties of epoxy thermosets modified with polysulfone-block-polydimethylsiloxane multiblock copolymer. <i>Journal of Applied Polymer Science</i> , 2011 , 119, 2933-2944	2.9	10
116	Organic-inorganic poly(hydroxyether of bisphenol A) copolymers with double-decker silsesquioxane in the main chains. <i>Journal of Materials Chemistry</i> , 2011 , 21, 19344		56
115	Poly(acrylic acid)-grafted poly(N-isopropyl acrylamide) networks: preparation, characterization and hydrogel behavior. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2011 , 22, 2305-24	3.5	20
114	Hepta(3,3,3-trifluoropropyl) polyhedral oligomeric silsesquioxane-capped poly(N-isopropylacrylamide) telechelics: synthesis and behavior of physical hydrogels. <i>ACS Applied Materials & Interfaces</i> , 2011 , 3, 898-909	9.5	61
113	Poly(N-vinylpyrrolidone)-grafted poly(N-isopropylacrylamide) copolymers: Synthesis, characterization and rapid deswelling and reswelling behavior of hydrogels. <i>Polymer</i> , 2011 , 52, 2340-2350	3.9	25
112	Morphology and Fracture Toughness of Nanostructured Epoxy Resin Containing Amino-Terminated Poly(propylene oxide). <i>Journal of Macromolecular Science - Physics</i> , 2010 , 49, 574-591	1.4	7
111	Double Reaction-induced Microphase Separation in Epoxy Resin Containing Polystyrene-block-poly(ϵ -caprolactone)-block-poly(n-butyl acrylate) ABC Triblock Copolymer. <i>Macromolecules</i> , 2010 , 43, 10600-10611	5.5	57

110	From Self-Organized Novolac Resins to Ordered Nanoporous Carbons. <i>Macromolecules</i> , 2010 , 43, 2960-2969	3.9	50
109	Nanostructured Epoxies by the Use of Block Copolymers 2010 , 79-108		16
108	Morphology and thermomechanical properties of main-chain polybenzoxazine-block-polydimethylsiloxane multiblock copolymers. <i>Polymer</i> , 2010 , 51, 1124-1132	3.9	43
107	Self-organized thermosets involving epoxy and poly(ϵ -caprolactone)-block-poly(ethylene-co-ethylethylene)-block-poly(ϵ -caprolactone) amphiphilic triblock copolymer. <i>Polymer</i> , 2010 , 51, 6047-6057	3.9	31
106	Reaction-induced microphase separation in polybenzoxazine thermosets containing poly(N-vinyl pyrrolidone)-block-polystyrene diblock copolymer. <i>Polymer</i> , 2010 , 51, 6346-6354	3.9	25
105	Nanostructured polybenzoxazine thermosets via reaction-induced microphase separation. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2010 , 48, 1148-1159	2.6	16
104	Surface morphology and electronic structure of bulk single crystal EGa ₂ O ₃ (100). <i>Applied Physics Letters</i> , 2009 , 94, 081906	3.4	50
103	Synthesis and Characterization of Organic/Inorganic Polyrotaxanes from Polyhedral Oligomeric Silsesquioxane and Poly(ethylene oxide)/ β -Cyclodextrin Polypseudorotaxanes via Click Chemistry. <i>Macromolecular Chemistry and Physics</i> , 2009 , 210, 783-791	2.6	28
102	Poly(hydroxyether of bisphenol A)-alt-polydimethylsiloxane: a novel thermally crosslinkable alternating block copolymer. <i>Polymer International</i> , 2009 , 58, 124-132	3.3	21
101	Organic/Inorganic hybrid brushes consisting of macrocyclic oligomeric silsesquioxane and poly(ϵ -caprolactone): Synthesis, characterization, and supramolecular inclusion complexation with β -cyclodextrin. <i>Journal of Polymer Science Part A</i> , 2009 , 47, 6894-6907	2.5	11
100	Organic/Inorganic hybrid hydrogels involving poly(N-isopropylacrylamide) and polyhedral oligomeric silsesquioxane: Preparation and rapid thermoresponsive properties. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2009 , 47, 504-516	2.6	43
99	Self-assembly behavior of hepta(3,3,3-trifluoropropyl) polyhedral oligomeric silsesquioxane-capped poly(ϵ -caprolactone) in epoxy resin: Nanostructures and surface properties. <i>Polymer</i> , 2009 , 50, 685-695	3.9	54
98	Effect of hydrophobic polystyrene microphases on temperature-responsive behavior of poly(N-isopropylacrylamide) hydrogels. <i>Polymer</i> , 2009 , 50, 670-678	3.9	22
97	Morphology and mechanical properties of nanostructured blends of epoxy resin with poly(ϵ -caprolactone)-block-poly(butadiene-co-acrylonitrile)-block-poly(ϵ -caprolactone) triblock copolymer. <i>Polymer</i> , 2009 , 50, 4089-4100	3.9	63
96	Reaction-induced microphase separation in epoxy resin containing polystyrene-block-poly(ethylene oxide) alternating multiblock copolymer. <i>European Polymer Journal</i> , 2009 , 45, 3326-3338	5.2	36
95	Nanostructures in Thermosetting Blends of Epoxy Resin with Polydimethylsiloxane-block-poly(ϵ -caprolactone)-block-polystyrene ABC Triblock Copolymer. <i>Macromolecules</i> , 2009 , 42, 327-336	5.5	90
94	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. <i>Journal of Physical Chemistry B</i> , 2009 , 113, 11831-40	3.4	72
93	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. <i>Journal of Physical Chemistry B</i> , 2009 , 113, 1857-68	3.4	53

92	Highly Porous Polysilsesquioxane Networks via Hydrosilylative Polymerization of Macrocylic Oligomeric Silsesquioxanes. <i>Macromolecules</i> , 2008 , 41, 4561-4564	5.5	21
91	Microphase Separation in Thermosetting Blends of Epoxy Resin and Poly(ϵ -caprolactone)-block-Polystyrene Block Copolymers. <i>Macromolecules</i> , 2008 , 41, 1411-1420	5.5	102
90	Hydrogen Bonding Interactions in Miscible Blends of Poly(hydroxyether ester)s with Poly(N-vinyl pyrrolidone). <i>Journal of Macromolecular Science - Physics</i> , 2008 , 47, 800-817	1.4	7
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