

# Patrick T Mather

## List of Publications by Year in descending order

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138  
papers

13,877  
citations

18436

62  
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20307

116  
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139  
all docs

139  
docs citations

139  
times ranked

9737  
citing authors

#	ARTICLE	IF	CITATIONS
1	Profiling the responsiveness of focal adhesions of human cardiomyocytes to extracellular dynamic nano-topography. <i>Bioactive Materials</i> , 2022, 10, 367-377.	8.6	4
2	Dynamic covalent exchange in poly(thioether anhydrides). <i>Polymer Chemistry</i> , 2020, 11, 7551-7561.	1.9	8
3	Synthesis and Characterization of Zwitterionic Polymer Brush Functionalized Hydrogels with Ionic Responsive Coefficient of Friction. <i>Langmuir</i> , 2020, 36, 3932-3940.	1.6	14
4	Mechanics and tribology of a zwitterionic polymer blend: Impact of molecular weight. <i>Materials Science and Engineering C</i> , 2020, 111, 110736.	3.8	8
5	Progressive Myofibril Reorganization of Human Cardiomyocytes on a Dynamic Nanotopographic Substrate. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 21450-21462.	4.0	20
6	Non-uniform curvature and anisotropic deformation control wrinkling patterns on tori. <i>Soft Matter</i> , 2019, 15, 5204-5210.	1.2	15
7	Enzymatically triggered shape memory polymers. <i>Acta Biomaterialia</i> , 2019, 84, 88-97.	4.1	44
8	Entanglement-Based Thermoplastic Shape Memory Polymeric Particles with Photothermal Actuation for Biomedical Applications. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 13333-13341.	4.0	56
9	Tuning of reversible actuation via ROMP-based copolymerization semicrystalline polymers. <i>Polymer</i> , 2018, 156, 228-239.	1.8	9
10	A latent crosslinkable PCL-based polyurethane: Synthesis, shape memory, and enzymatic degradation. <i>Journal of Materials Research</i> , 2018, 33, 2463-2476.	1.2	18
11	Ternary Polymeric Composites Exhibiting Bulk and Surface Quadruple-Shape Memory Properties. <i>ChemPhysChem</i> , 2018, 19, 2014-2024.	1.0	4
12	The shape-memory effect in ionic elastomers: fixation through ionic interactions. <i>Soft Matter</i> , 2017, 13, 2983-2994.	1.2	26
13	Comparative analysis of shape memory-based self-healing coatings. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2016, 54, 1415-1426.	2.4	20
14	A hydrogel-forming liquid crystalline elastomer exhibiting soft shape memory. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2016, 54, 38-52.	2.4	40
15	Biodegradable Thermoplastic Elastomers Incorporating POSS: Synthesis, Microstructure, and Mechanical Properties. <i>Macromolecules</i> , 2016, 49, 3769-3779.	2.2	36
16	Synthesis and characterization of a zwitterionic hydrogel blend with low coefficient of friction. <i>Acta Biomaterialia</i> , 2016, 46, 245-255.	4.1	38
17	Hot-compacted interwoven webs of biodegradable polymers. <i>Polymer</i> , 2016, 101, 127-138.	1.8	9
18	Osteogenic Capacity of Human Adipose-Derived Stem Cells is Preserved Following Triggering of Shape Memory Scaffolds. <i>Tissue Engineering - Part A</i> , 2016, 22, 1026-1035.	1.6	22

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19	Anhydride-Based Reconfigurable Shape Memory Elastomers. <i>ACS Macro Letters</i> , 2016, 5, 203-207.	2.3	66
20	Interwoven polymer composites via dual-electrospinning with shape memory and self-healing properties. <i>MRS Communications</i> , 2015, 5, 211-221.	0.8	24
21	Fabrication of Polymeric Coatings with Controlled Microtopographies Using an Electrospinning Technique. <i>PLoS ONE</i> , 2015, 10, e0129960.	1.1	29
22	Mechanically programmed shape change in laminated elastomeric composites. <i>Soft Matter</i> , 2015, 11, 5754-5764.	1.2	31
23	Dual-Spun Shape Memory Elastomeric Composites. <i>ACS Macro Letters</i> , 2015, 4, 436-440.	2.3	41
24	Photo-induced bending in a light-activated polymer laminated composite. <i>Soft Matter</i> , 2015, 11, 2673-2682.	1.2	55
25	Molecular Composite Coatings on Nafion Using Layer-by-Layer Self-Assembly. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 10365-10373.	4.0	12
26	Nanoscale Order and Crystallization in POSS/PCL Shape Memory Molecular Networks. <i>Macromolecules</i> , 2015, 48, 5770-5779.	2.2	52
27	Thermoviscoplastic behaviors of anisotropic shape memory elastomeric composites for cold programmed non-affine shape change. <i>Journal of the Mechanics and Physics of Solids</i> , 2015, 85, 219-244.	2.3	36
28	Reversible actuation in main-chain liquid crystalline elastomers with varying crosslink densities. <i>Polymer</i> , 2014, 55, 5897-5907.	1.8	50
29	Preparation and characterization of triple shape memory composite foams. <i>Soft Matter</i> , 2014, 10, 8066-8074.	1.2	28
30	Properties of triple shape memory composites prepared via polymerization-induced phase separation. <i>Soft Matter</i> , 2014, 10, 3112-3121.	1.2	62
31	A finite deformation thermomechanical constitutive model for triple shape polymeric composites based on dual thermal transitions. <i>International Journal of Solids and Structures</i> , 2014, 51, 2777-2790.	1.3	50
32	Abstract 321: A Biomimetic Approach to Developing Antithrombotic Small-Caliber Prosthetic Vascular Grafts. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, .	1.1	0
33	Thermally modulated nanostructure of poly( $\epsilon$ -caprolactone)/POSS multiblock thermoplastic polyurethanes. <i>Polymer</i> , 2013, 54, 3350-3362.	1.8	46
34	Mechanisms of triple-shape polymeric composites due to dual thermal transitions. <i>Soft Matter</i> , 2013, 9, 2212.	1.2	69
35	Shape-memory-actuated change in scaffold fiber alignment directs stem cell morphology. <i>Acta Biomaterialia</i> , 2013, 9, 8790-8801.	4.1	129
36	Water-triggered shape memory of multiblock thermoplastic polyurethanes (TPUs). <i>RSC Advances</i> , 2013, 3, 15783.	1.7	86

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37	In vitro wrinkle formation via shape memory dynamically aligns adherent cells. <i>Soft Matter</i> , 2013, 9, 4705.	1.2	59
38	Shape Memory Assisted Self-Healing Coating. <i>ACS Macro Letters</i> , 2013, 2, 152-156.	2.3	346
39	Evolution of microstructure during shape memory cycling of a main-chain liquid crystalline elastomer. <i>Polymer</i> , 2013, 54, 2808-2820.	1.8	22
40	Design strategies for shape memory polymers. <i>Current Opinion in Chemical Engineering</i> , 2013, 2, 103-111.	3.8	26
41	Anisotropic Shape-Memory Elastomeric Composites: Fabrication and Testing. <i>Macromolecular Chemistry and Physics</i> , 2013, 214, 1247-1257.	1.1	21
42	Shape memory poly( $\mu$ -caprolactone)-co-poly(ethylene glycol) foams with body temperature triggering and two-way actuation. <i>Journal of Materials Chemistry B</i> , 2013, 1, 4916.	2.9	83
43	A programmable shape-changing scaffold for regenerative medicine. , 2012, , .		2
44	Crosslinkable liquid crystalline copolymers with variable isotropization temperature. <i>Journal of Materials Chemistry</i> , 2012, 22, 14518.	6.7	12
45	Entanglement-based shape memory polyurethanes: Synthesis and characterization. <i>Polymer</i> , 2012, 53, 5924-5934.	1.8	100
46	Soft bacterial polyester-based shape memory nanocomposites featuring reconfigurable nanostructure. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2012, 50, 387-393.	2.4	41
47	Thermomechanical behavior of shape memory elastomeric composites. <i>Journal of the Mechanics and Physics of Solids</i> , 2012, 60, 67-83.	2.3	91
48	A functionally graded shape memory polymer. <i>Soft Matter</i> , 2011, 7, 68-74.	1.2	97
49	Shape Memory RGD-Containing Networks: Synthesis, Characterization, and Application in Cell Culture. <i>Macromolecular Symposia</i> , 2011, 309-310, 162-172.	0.4	18
50	Microstructure and Phase Behavior of POSS/PCL Shape Memory Nanocomposites. <i>Macromolecules</i> , 2011, 44, 5682-5692.	2.2	82
51	Linear/Network Poly( $\mu$ -caprolactone) Blends Exhibiting Shape Memory Assisted Self-Healing (SMASH). <i>ACS Applied Materials &amp; Interfaces</i> , 2011, 3, 152-161.	4.0	346
52	Metallo-Responsive Liquid Crystalline Monomers and Polymers. <i>Chemistry of Materials</i> , 2011, 23, 3525-3533.	3.2	39
53	Two-way reversible shape memory effects in a free-standing polymer composite. <i>Smart Materials and Structures</i> , 2011, 20, 065010.	1.8	128
54	Polyhedral Oligomeric Silsesquioxane (POSS) Suppresses Enzymatic Degradation of PCL-Based Polyurethanes. <i>Biomacromolecules</i> , 2011, 12, 3066-3077.	2.6	63

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55	Dynamic cell behavior on shape memory polymer substrates. <i>Biomaterials</i> , 2011, 32, 2285-2293.	5.7	208
56	<i>In vivo</i> kinetic degradation analysis and biocompatibility of aliphatic polyester polyurethanes. <i>Journal of Biomedical Materials Research - Part A</i> , 2010, 94A, 333-343.	2.1	10
57	High Conductivity Perfluorosulfonic Acid Nanofiber Composite Fuel Cell Membranes. <i>ChemSusChem</i> , 2010, 3, 1245-1248.	3.6	69
58	Triple-Shape Polymeric Composites (TSPCs). <i>Advanced Functional Materials</i> , 2010, 20, 2649-2656.	7.8	255
59	A thermally responsive, rigid, and reversible adhesive. <i>Polymer</i> , 2010, 51, 1169-1175.	1.8	66
60	Constitutive Modeling of Shape Memory Effects in Semicrystalline Polymers With Stretch Induced Crystallization. <i>Journal of Engineering Materials and Technology, Transactions of the ASME</i> , 2010, 132, .	0.8	96
61	PEG-POSS Multiblock Polyurethanes: Synthesis, Characterization, and Hydrogel Formation. <i>Macromolecules</i> , 2010, 43, 7637-7649.	2.2	111
62	Conductive shape memory nanocomposites for high speed electrical actuation. <i>Soft Matter</i> , 2010, 6, 2146.	1.2	215
63	Sulfonated Polysulfone/POSS Nanofiber Composite Membranes for PEM Fuel Cells. <i>Journal of the Electrochemical Society</i> , 2010, 157, B914.	1.3	80
64	Blends of Paclitaxel with POSS-Based Biodegradable Polyurethanes: Morphology, Miscibility, and Specific Interactions. <i>Macromolecules</i> , 2010, 43, 4991-4999.	2.2	30
65	Nanofiber composite membranes with low equivalent weight perfluorosulfonic acid polymers. <i>Journal of Materials Chemistry</i> , 2010, 20, 6282.	6.7	89
66	Soft shape memory in main-chain liquid crystalline elastomers. <i>Journal of Materials Chemistry</i> , 2010, 20, 3449.	6.7	121
67	<i>In vivo</i> kinetic degradation analysis and biocompatibility of aliphatic polyester polyurethanes. <i>Journal of Biomedical Materials Research - Part A</i> , 2010, 94, 333-43.	2.1	6
68	POSS Polymers: Physical Properties and Biomaterials Applications. <i>Polymer Reviews</i> , 2009, 49, 25-63.	5.3	332
69	Nafion Nanofiber Membranes. <i>ECS Transactions</i> , 2009, 25, 1451-1458.	0.3	25
70	Polypeptide-catalyzed Biosilicification of Dentin Surfaces. <i>Journal of Dental Research</i> , 2009, 88, 377-381.	2.5	8
71	Tailored drug release from biodegradable stent coatings based on hybrid polyurethanes. <i>Journal of Controlled Release</i> , 2009, 137, 224-233.	4.8	113
72	Rapid synthesis of polymer-silica hybrid nanofibers by biomimetic mineralization. <i>Polymer</i> , 2009, 50, 1214-1222.	1.8	32

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73	PLGA-POSS End-Linked Networks with Tailored Degradation and Shape Memory Behavior. <i>Macromolecules</i> , 2009, 42, 6596-6605.	2.2	70
74	Vertex Group Effects in Entangled Polystyrene-Polyhedral Oligosilsesquioxane (POSS) Copolymers. <i>Macromolecules</i> , 2009, 42, 1142-1152.	2.2	85
75	Combined One-Way and Two-Way Shape Memory in a Glass-Forming Nematic Network. <i>Macromolecules</i> , 2009, 42, 273-280.	2.2	167
76	Shape Memory Polymer Research. <i>Annual Review of Materials Research</i> , 2009, 39, 445-471.	4.3	822
77	Antimicrobial Properties of Nanostructured Hydrogel Webs Containing Silver. <i>Biomacromolecules</i> , 2009, 10, 2686-2693.	2.6	101
78	A Thermoplastic/Thermoset Blend Exhibiting Thermal Mending and Reversible Adhesion. <i>ACS Applied Materials &amp; Interfaces</i> , 2009, 1, 612-620.	4.0	176
79	Preparation and Characterization of Shape Memory Elastomeric Composites. <i>Macromolecules</i> , 2009, 42, 7251-7253.	2.2	145
80	Improved synthesis of functionalized mesogenic 2,6-bisbenzimidazolylpyridine ligands. <i>Tetrahedron</i> , 2008, 64, 8488-8495.	1.0	30
81	Nanofiber Network Ion-Exchange Membranes. <i>Macromolecules</i> , 2008, 41, 4569-4572.	2.2	169
82	Biodegradable Thermoplastic Polyurethanes Incorporating Polyhedral Oligosilsesquioxane. <i>Biomacromolecules</i> , 2008, 9, 2458-2467.	2.6	141
83	Shape memory polymers with built-in threshold temperature sensors. <i>Journal of Materials Chemistry</i> , 2008, 18, 1082.	6.7	221
84	Two-Way Reversible Shape Memory in a Semicrystalline Network. <i>Macromolecules</i> , 2008, 41, 184-192.	2.2	464
85	Polycaprolactone-POSS Chemical/Physical Double Networks. <i>Macromolecules</i> , 2008, 41, 4730-4738.	2.2	188
86	Composite Membranes for Hydrogen/Air PEM Fuel Cells. <i>ECS Transactions</i> , 2007, 11, 79-87.	0.3	5
87	Deformation-Induced Color Changes in Mechanochromic Polyethylene Blends. <i>Macromolecules</i> , 2007, 40, 2400-2408.	2.2	177
88	Telechelic Poly(ethylene glycol)-POSS Amphiphiles at the Air/Water Interface. <i>Macromolecules</i> , 2007, 40, 682-688.	2.2	70
89	Combined Effect of Spin Speed and Ionic Strength on Polyelectrolyte Spin Assembly. <i>Langmuir</i> , 2007, 23, 12589-12597.	1.6	36
90	Rheological Behavior of Entangled Polystyrene-Polyhedral Oligosilsesquioxane (POSS) Copolymers. <i>Macromolecules</i> , 2007, 40, 544-554.	2.2	121

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91	Self-Assembly and Chain-Folding in Hybrid Coil-Cube Triblock Oligomers of Polyethylene- <i>b</i> -Poly(ethylene oxide)- <i>b</i> -Polyhedral Oligomeric Silsesquioxane. <i>Macromolecules</i> , 2007, 40, 5460-5470.	2.2	58
92	Review of progress in shape-memory polymers. <i>Journal of Materials Chemistry</i> , 2007, 17, 1543.	6.7	1,713
93	Poly(vinyl alcohol) (PVA)/sulfonated polyhedral oligosilsesquioxane (sPOSS) hybrid membranes for direct methanol fuel cell applications. <i>Polymers for Advanced Technologies</i> , 2007, 18, 535-543.	1.6	83
94	Soft answers for hard problems. <i>Nature Materials</i> , 2007, 6, 93-94.	13.3	55
95	Rheological characterization of asphalt in a temperature-gradient combinatorial squeeze-flow setup. <i>Rheologica Acta</i> , 2007, 46, 1075-1082.	1.1	2
96	Molecular Dynamics Simulations of Multilayer Polyelectrolyte Films: Effect of Electrostatic and Short-Range Interactions. <i>Langmuir</i> , 2006, 22, 9994-10002.	1.6	55
97	Morphology, Microstructure, and Rheology of Amphiphilic Telechelics Incorporating Polyhedral Oligosilsesquioxane. <i>Macromolecules</i> , 2006, 39, 9253-9260.	2.2	77
98	Effect of stoichiometry on liquid crystalline supramolecular polymers formed with complementary nucleobase pair interactions. <i>Journal of Polymer Science Part A</i> , 2006, 44, 5049-5059.	2.5	18
99	Modification of bisphenol-A based bismaleimide resin (BPA-BMI) with an allyl-terminated hyperbranched polyimide (AT-PAEKI). <i>Polymer</i> , 2006, 47, 2813-2821.	1.8	77
100	Amphiphilic telechelics with polyhedral oligosilsesquioxane (POSS) end-groups: Dilute solution viscometry. <i>Polymer</i> , 2006, 47, 6202-6207.	1.8	60
101	Directed Mineralization on Polyelectrolyte Multilayer Films. <i>Materials Research Society Symposia Proceedings</i> , 2006, 975, 1.	0.1	0
102	Welded Electrochromic Conductive Polymer Nanofibers by Electrostatic Spinning. <i>Advanced Materials</i> , 2005, 17, 2177-2180.	11.1	108
103	Optically transparent self-reinforced poly(ethylene terephthalate) composites: molecular orientation and mechanical properties. <i>Polymer</i> , 2005, 46, 761-773.	1.8	62
104	Molecular Dynamics Simulations of Layer-by-Layer Assembly of Polyelectrolytes at Charged Surfaces: Effects of Chain Degree of Polymerization and Fraction of Charged Monomers. <i>Langmuir</i> , 2005, 21, 6113-6122.	1.6	51
105	Interfacial Tension of a Liquid Crystalline Polymer in an Isotropic Polymer Matrix. <i>Macromolecules</i> , 2005, 38, 7343-7351.	2.2	12
106	Tailored Phase Transitions via Mixed-Mesogen Liquid Crystalline Polymers with Silicon-Based Spacers. <i>Macromolecules</i> , 2005, 38, 4103-4113.	2.2	39
107	Crystallization of POSS in a PEG-Based Multiblock Polyurethane: Toward A Hybrid Hydrogel. <i>Materials Research Society Symposia Proceedings</i> , 2004, 847, 59.	0.1	6
108	Polyelectrolyte spin assembly: Influence of ionic strength on the growth of multilayered thin films. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2004, 42, 3654-3666.	2.4	82

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109	Synthesis and Characterization of Unsaturated Thermotropic Polyesters Prepared via Acyclic Diene Metathesis Polymerization. <i>Macromolecules</i> , 2004, 37, 5239-5249.	2.2	18
110	Hybrid epoxy-based thermosets based on polyhedral oligosilsesquioxane: Cure behavior and toughening mechanisms. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2003, 41, 3299-3313.	2.4	129
111	ABA triblock copolymers containing polyhedral oligomeric silsesquioxane pendant groups: synthesis and unique properties. <i>Polymer</i> , 2003, 44, 2739-2750.	1.8	200
112	Shape Memory Effect Exhibited by Smectic-C Liquid Crystalline Elastomers. <i>Journal of the American Chemical Society</i> , 2003, 125, 15300-15301.	6.6	267
113	Odd-Even Effect of Flexible Spacer Length on Flow-Induced Isotropic-to-Nematic Transition in Segmented Thermotropic Polymers. <i>Macromolecules</i> , 2002, 35, 1326-1335.	2.2	14
114	A New Hyperbranched Poly(arylene ether ketone imide): Synthesis, Chain-End Functionalization, and Blending with a Bis(maleimide). <i>Macromolecules</i> , 2002, 35, 4951-4959.	2.2	53
115	Amphiphilic Telechelics Incorporating Polyhedral Oligosilsesquioxane: 1. Synthesis and Characterization. <i>Macromolecules</i> , 2002, 35, 8378-8384.	2.2	145
116	Effect of Methyl Methacrylate/Polyhedral Oligomeric Silsesquioxane Random Copolymers in Compatibilization of Polystyrene and Poly(methyl methacrylate) Blends. <i>Macromolecules</i> , 2002, 35, 8029-8038.	2.2	120
117	Chemically Cross-Linked Polycyclooctene: Synthesis, Characterization, and Shape Memory Behavior. <i>Macromolecules</i> , 2002, 35, 9868-9874.	2.2	257
118	Characterization of the cure-state of DGEBA-DDS epoxy using ultrasonic, dynamic mechanical, and thermal probes. <i>Polymer Engineering and Science</i> , 2002, 42, 51-67.	1.5	94
119	Phase Behavior, Rheology, and Morphology of Binary Blends of Semiflexible Main-Chain Thermotropic Liquid-Crystalline Polymers. <i>Macromolecules</i> , 2001, 34, 7152-7161.	2.2	5
120	Structural development during deformation of polyurethane containing polyhedral oligomeric silsesquioxanes (POSS) molecules. <i>Polymer</i> , 2001, 42, 599-611.	1.8	274
121	Reinforcement and environmental degradation of nylon-6/clay nanocomposites. <i>Polymer</i> , 2001, 42, 5849-5858.	1.8	294
122	Nanoscale reinforcement of polyhedral oligomeric silsesquioxane (POSS) in polyurethane elastomer. <i>Polymer International</i> , 2000, 49, 437-440.	1.6	182
123	Shape memory and nanostructure in poly(norbornyl-POSS) copolymers. <i>Polymer International</i> , 2000, 49, 453-457.	1.6	188
124	Synthesis and characterization of fluorinated benzoxazole polymers with high T <sub>g</sub> and low dielectric constant. <i>Journal of Polymer Science Part A</i> , 2000, 38, 1991-2003.	2.5	51
125	Optical and Mechanical Rheometry of Semiflexible Main-Chain Thermotropic Liquid-Crystalline Polymers with Varying Pendant Groups. <i>Macromolecules</i> , 2000, 33, 7922-7930.	2.2	11
126	Morphological and Rheological Responses to Shear Start-up and Flow Reversal of Thermotropic Liquid-Crystalline Polymers. <i>Macromolecules</i> , 2000, 33, 7594-7608.	2.2	41



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127	Mid-wavelength IR (MWIR) polarizers from glassy cholesteric liquid crystals. <i>Liquid Crystals</i> , 1999, 26, 557-565.	0.9	5
128	Rheology of highly swollen chitosan/polyacrylate hydrogels. <i>Polymer</i> , 1999, 40, 4593-4602.	1.8	92
129	Mesogen-jacketed liquid crystalline polymers via stable free radical polymerization. <i>Macromolecular Chemistry and Physics</i> , 1999, 200, 2338-2344.	1.1	50
130	Mechanical Relaxation and Microstructure of Poly(norbornyl-POSS) Copolymers. <i>Macromolecules</i> , 1999, 32, 1194-1203.	2.2	381
131	Viscoelastic and morphological behavior of hybrid styryl-based polyhedral oligomeric silsesquioxane (POSS) copolymers. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1998, 36, 1857-1872.	2.4	239
132	Synthesis and thermal properties of thermosetting bis-benzocyclobutene-terminated arylene ether monomers. <i>Journal of Polymer Science Part A</i> , 1998, 36, 2637-2651.	2.5	20
133	Rheological and mechanical relaxation behavior of a thermally crosslinkable poly(ethylene Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	1.5	2
134	Rheo-Optical Evidence of a Flow-Induced Isotropic $\hat{=}$ Nematic Transition in a Thermotropic Liquid-Crystalline Polymer. <i>Macromolecules</i> , 1997, 30, 7977-7989.	2.2	81
135	Thermally crosslinkable thermotropic copolyesters: synthesis, characterization, and processing. <i>Polymer</i> , 1997, 38, 6009-6022.	1.8	10
136	The origin of stress-oscillation damping during start-up and reversal of torsional shearing of nematics. <i>Rheologica Acta</i> , 1997, 36, 485-497.	1.1	4
137	Phase behavior and rheology of blends containing polycarbonate and a thermotropic polyester. <i>Journal of Applied Polymer Science</i> , 1996, 59, 243-250.	1.3	11
138	Synthesis and characterization of a semiflexible liquid crystalline polyester with a broad nematic region. <i>Liquid Crystals</i> , 1994, 17, 811-826.	0.9	10