

Patrick T Mather

List of Publications by Year in descending order

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138
papers

13,877
citations

18482
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docs citations

139
times ranked

9737
citing authors

#	ARTICLE	IF	CITATIONS
1	Review of progress in shape-memory polymers. <i>Journal of Materials Chemistry</i> , 2007, 17, 1543.	6.7	1,713
2	Shape Memory Polymer Research. <i>Annual Review of Materials Research</i> , 2009, 39, 445-471.	9.3	822
3	Two-Way Reversible Shape Memory in a Semicrystalline Network. <i>Macromolecules</i> , 2008, 41, 184-192.	4.8	464
4	Mechanical Relaxation and Microstructure of Poly(norbornyl-POSS) Copolymers. <i>Macromolecules</i> , 1999, 32, 1194-1203.	4.8	381
5	Linear/Network Poly(μ -caprolactone) Blends Exhibiting Shape Memory Assisted Self-Healing (SMASH). <i>ACS Applied Materials & Interfaces</i> , 2011, 3, 152-161.	8.0	346
6	Shape Memory Assisted Self-Healing Coating. <i>ACS Macro Letters</i> , 2013, 2, 152-156.	4.8	346
7	POSS Polymers: Physical Properties and Biomaterials Applications. <i>Polymer Reviews</i> , 2009, 49, 25-63.	10.9	332
8	Reinforcement and environmental degradation of nylon-6/clay nanocomposites. <i>Polymer</i> , 2001, 42, 5849-5858.	3.8	294
9	Structural development during deformation of polyurethane containing polyhedral oligomeric silsesquioxanes (POSS) molecules. <i>Polymer</i> , 2001, 42, 599-611.	3.8	274
10	Shape Memory Effect Exhibited by Smectic-C Liquid Crystalline Elastomers. <i>Journal of the American Chemical Society</i> , 2003, 125, 15300-15301.	13.7	267
11	Chemically Cross-Linked Polycyclooctene: Synthesis, Characterization, and Shape Memory Behavior. <i>Macromolecules</i> , 2002, 35, 9868-9874.	4.8	257
12	Triple-Shape Polymeric Composites (TSPCs). <i>Advanced Functional Materials</i> , 2010, 20, 2649-2656.	14.9	255
13	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.	2.1	239
14	Shape memory polymers with built-in threshold temperature sensors. <i>Journal of Materials Chemistry</i> , 2008, 18, 1082.	6.7	221
15	Conductive shape memory nanocomposites for high speed electrical actuation. <i>Soft Matter</i> , 2010, 6, 2146.	2.7	215
16	Dynamic cell behavior on shape memory polymer substrates. <i>Biomaterials</i> , 2011, 32, 2285-2293.	11.4	208
17	ABA triblock copolymers containing polyhedral oligomeric silsesquioxane pendant groups: synthesis and unique properties. <i>Polymer</i> , 2003, 44, 2739-2750.	3.8	200
18	Shape memory and nanostructure in poly(norbornyl-POSS) copolymers. <i>Polymer International</i> , 2000, 49, 453-457.	3.1	188

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19	Polycaprolactone~POSS Chemical/Physical Double Networks. <i>Macromolecules</i> , 2008, 41, 4730-4738.	4.8	188
20	Nanoscale reinforcement of polyhedral oligomeric silsesquioxane (POSS) in polyurethane elastomer. <i>Polymer International</i> , 2000, 49, 437-440.	3.1	182
21	Deformation-Induced Color Changes in Mechanochromic Polyethylene Blends. <i>Macromolecules</i> , 2007, 40, 2400-2408.	4.8	177
22	A Thermoplastic/Thermoset Blend Exhibiting Thermal Mending and Reversible Adhesion. <i>ACS Applied Materials & Interfaces</i> , 2009, 1, 612-620.	8.0	176
23	Nanofiber Network Ion-Exchange Membranes. <i>Macromolecules</i> , 2008, 41, 4569-4572.	4.8	169
24	Combined One-Way and Two-Way Shape Memory in a Glass-Forming Nematic Network. <i>Macromolecules</i> , 2009, 42, 273-280.	4.8	167
25	Amphiphilic Telechelics Incorporating Polyhedral Oligosilsesquioxane: 1. Synthesis and Characterization. <i>Macromolecules</i> , 2002, 35, 8378-8384.	4.8	145
26	Preparation and Characterization of Shape Memory Elastomeric Composites. <i>Macromolecules</i> , 2009, 42, 7251-7253.	4.8	145
27	Biodegradable Thermoplastic Polyurethanes Incorporating Polyhedral Oligosilsesquioxane. <i>Biomacromolecules</i> , 2008, 9, 2458-2467.	5.4	141
28	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.	2.1	129
29	Shape-memory-actuated change in scaffold fiber alignment directs stem cell morphology. <i>Acta Biomaterialia</i> , 2013, 9, 8790-8801.	8.3	129
30	Two-way reversible shape memory effects in a free-standing polymer composite. <i>Smart Materials and Structures</i> , 2011, 20, 065010.	3.5	128
31	Rheological Behavior of Entangled Polystyrene~Polyhedral Oligosilsesquioxane (POSS) Copolymers. <i>Macromolecules</i> , 2007, 40, 544-554.	4.8	121
32	Soft shape memory in main-chain liquid crystalline elastomers. <i>Journal of Materials Chemistry</i> , 2010, 20, 3449.	6.7	121
33	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.	4.8	120
34	Tailored drug release from biodegradable stent coatings based on hybrid polyurethanes. <i>Journal of Controlled Release</i> , 2009, 137, 224-233.	9.9	113
35	PEG~POSS Multiblock Polyurethanes: Synthesis, Characterization, and Hydrogel Formation. <i>Macromolecules</i> , 2010, 43, 7637-7649.	4.8	111
36	Welded Electrochromic Conductive Polymer Nanofibers by Electrostatic Spinning. <i>Advanced Materials</i> , 2005, 17, 2177-2180.	21.0	108

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37	Antimicrobial Properties of Nanostructured Hydrogel Webs Containing Silver. <i>Biomacromolecules</i> , 2009, 10, 2686-2693.	5.4	101
38	Entanglement-based shape memory polyurethanes: Synthesis and characterization. <i>Polymer</i> , 2012, 53, 5924-5934.	3.8	100
39	A functionally graded shape memory polymer. <i>Soft Matter</i> , 2011, 7, 68-74.	2.7	97
40	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, .	1.4	96
41	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.	3.1	94
42	Rheology of highly swollen chitosan/polyacrylate hydrogels. <i>Polymer</i> , 1999, 40, 4593-4602.	3.8	92
43	Thermomechanical behavior of shape memory elastomeric composites. <i>Journal of the Mechanics and Physics of Solids</i> , 2012, 60, 67-83.	4.8	91
44	Nanofiber composite membranes with low equivalent weight perfluorosulfonic acid polymers. <i>Journal of Materials Chemistry</i> , 2010, 20, 6282.	6.7	89
45	Water-triggered shape memory of multiblock thermoplastic polyurethanes (TPUs). <i>RSC Advances</i> , 2013, 3, 15783.	3.6	86
46	Vertex Group Effects in Entangled Polystyrene- <i>g</i> -Polyhedral Oligosilsesquioxane (POSS) Copolymers. <i>Macromolecules</i> , 2009, 42, 1142-1152.	4.8	85
47	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.	3.2	83
48	Shape memory poly(ϵ -caprolactone)-co-poly(ethylene glycol) foams with body temperature triggering and two-way actuation. <i>Journal of Materials Chemistry B</i> , 2013, 1, 4916.	5.8	83
49	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.	2.1	82
50	Microstructure and Phase Behavior of POSS/PCL Shape Memory Nanocomposites. <i>Macromolecules</i> , 2011, 44, 5682-5692.	4.8	82
51	Rheo-Optical Evidence of a Flow-Induced Isotropic- <i>g</i> -Nematic Transition in a Thermotropic Liquid-Crystalline Polymer. <i>Macromolecules</i> , 1997, 30, 7977-7989.	4.8	81
52	Sulfonated Polysulfone/POSS Nanofiber Composite Membranes for PEM Fuel Cells. <i>Journal of the Electrochemical Society</i> , 2010, 157, B914.	2.9	80
53	Morphology, Microstructure, and Rheology of Amphiphilic Telechelics Incorporating Polyhedral Oligosilsesquioxane. <i>Macromolecules</i> , 2006, 39, 9253-9260.	4.8	77
54	Modification of bisphenol-A based bismaleimide resin (BPA-BMI) with an allyl-terminated hyperbranched polyimide (AT-PAEKI). <i>Polymer</i> , 2006, 47, 2813-2821.	3.8	77

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55	Telechelic Poly(ethylene glycol)-b-POSS Amphiphiles at the Air/Water Interface. <i>Macromolecules</i> , 2007, 40, 682-688.	4.8	70
56	PLGA-b-POSS End-Linked Networks with Tailored Degradation and Shape Memory Behavior. <i>Macromolecules</i> , 2009, 42, 6596-6605.	4.8	70
57	High Conductivity Perfluorosulfonic Acid Nanofiber Composite Fuel-Cell Membranes. <i>ChemSusChem</i> , 2010, 3, 1245-1248.	6.8	69
58	Mechanisms of triple-shape polymeric composites due to dual thermal transitions. <i>Soft Matter</i> , 2013, 9, 2212.	2.7	69
59	A thermally responsive, rigid, and reversible adhesive. <i>Polymer</i> , 2010, 51, 1169-1175.	3.8	66
60	Anhydride-Based Reconfigurable Shape Memory Elastomers. <i>ACS Macro Letters</i> , 2016, 5, 203-207.	4.8	66
61	Polyhedral Oligomeric Silsesquioxane (POSS) Suppresses Enzymatic Degradation of PCL-Based Polyurethanes. <i>Biomacromolecules</i> , 2011, 12, 3066-3077.	5.4	63
62	Optically transparent self-reinforced poly(ethylene terephthalate) composites: molecular orientation and mechanical properties. <i>Polymer</i> , 2005, 46, 761-773.	3.8	62
63	Properties of triple shape memory composites prepared via polymerization-induced phase separation. <i>Soft Matter</i> , 2014, 10, 3112-3121.	2.7	62
64	Amphiphilic telechelics with polyhedral oligosilsesquioxane (POSS) end-groups: Dilute solution viscometry. <i>Polymer</i> , 2006, 47, 6202-6207.	3.8	60
65	In vitro wrinkle formation via shape memory dynamically aligns adherent cells. <i>Soft Matter</i> , 2013, 9, 4705.	2.7	59
66	Self-Assembly and Chain-Folding in Hybrid Coil-b-Coil-b-Cube Triblock Oligomers of Polyethylene-b-Poly(ethylene oxide)-b-Polyhedral Oligomeric Silsesquioxane. <i>Macromolecules</i> , 2007, 40, 5460-5470.	4.8	58
67	Entanglement-Based Thermoplastic Shape Memory Polymeric Particles with Photothermal Actuation for Biomedical Applications. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 13333-13341.	8.0	56
68	Molecular Dynamics Simulations of Multilayer Polyelectrolyte Films: A Effect of Electrostatic and Short-Range Interactions. <i>Langmuir</i> , 2006, 22, 9994-10002.	3.5	55
69	Soft answers for hard problems. <i>Nature Materials</i> , 2007, 6, 93-94.	27.5	55
70	Photo-induced bending in a light-activated polymer laminated composite. <i>Soft Matter</i> , 2015, 11, 2673-2682.	2.7	55
71	A New Hyperbranched Poly(arylene-ether-ketone-imide): A Synthesis, Chain-End Functionalization, and Blending with a Bis(maleimide). <i>Macromolecules</i> , 2002, 35, 4951-4959.	4.8	53
72	Nanoscale Order and Crystallization in POSS-b-PCL Shape Memory Molecular Networks. <i>Macromolecules</i> , 2015, 48, 5770-5779.	4.8	52

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73	Synthesis and characterization of fluorinated benzoxazole polymers with highT _g and low dielectric constant. <i>Journal of Polymer Science Part A</i> , 2000, 38, 1991-2003.	2.3	51
74	Molecular Dynamics Simulations of Layer-by-Layer Assembly of Polyelectrolytes at Charged Surfaces:Â Effects of Chain Degree of Polymerization and Fraction of Charged Monomers. <i>Langmuir</i> , 2005, 21, 6113-6122.	3.5	51
75	Mesogen-jacketed liquid crystalline polymers via stable free radical polymerization. <i>Macromolecular Chemistry and Physics</i> , 1999, 200, 2338-2344.	2.2	50
76	Reversible actuation in main-chain liquid crystalline elastomers with varying crosslink densities. <i>Polymer</i> , 2014, 55, 5897-5907.	3.8	50
77	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.	2.7	50
78	Thermally modulated nanostructure of poly(Îµ-caprolactone)â€POSS multiblock thermoplastic polyurethanes. <i>Polymer</i> , 2013, 54, 3350-3362.	3.8	46
79	Enzymatically triggered shape memory polymers. <i>Acta Biomaterialia</i> , 2019, 84, 88-97.	8.3	44
80	Morphological and Rheological Responses to Shear Start-up and Flow Reversal of Thermotropic Liquid-Crystalline Polymers. <i>Macromolecules</i> , 2000, 33, 7594-7608.	4.8	41
81	Soft bacterial polyesterâ€based shape memory nanocomposites featuring reconfigurable nanostructure. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2012, 50, 387-393.	2.1	41
82	Dual-Spun Shape Memory Elastomeric Composites. <i>ACS Macro Letters</i> , 2015, 4, 436-440.	4.8	41
83	A hydrogelâ€forming liquid crystalline elastomer exhibiting soft shape memory. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2016, 54, 38-52.	2.1	40
84	Tailored Phase Transitions via Mixed-Mesogen Liquid Crystalline Polymers with Silicon-Based Spacers. <i>Macromolecules</i> , 2005, 38, 4103-4113.	4.8	39
85	Metallo-Responsive Liquid Crystalline Monomers and Polymers. <i>Chemistry of Materials</i> , 2011, 23, 3525-3533.	6.7	39
86	Synthesis and characterization of a zwitterionic hydrogel blend with low coefficient of friction. <i>Acta Biomaterialia</i> , 2016, 46, 245-255.	8.3	38
87	Combined Effect of Spin Speed and Ionic Strength on Polyelectrolyte Spin Assembly. <i>Langmuir</i> , 2007, 23, 12589-12597.	3.5	36
88	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.	4.8	36
89	Biodegradable Thermoplastic Elastomers Incorporating POSS: Synthesis, Microstructure, and Mechanical Properties. <i>Macromolecules</i> , 2016, 49, 3769-3779.	4.8	36
90	Rapid synthesis of polymer-silica hybrid nanofibers by biomimetic mineralization. <i>Polymer</i> , 2009, 50, 1214-1222.	3.8	32

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91	Mechanically programmed shape change in laminated elastomeric composites. <i>Soft Matter</i> , 2015, 11, 5754-5764.	2.7	31
92	Improved synthesis of functionalized mesogenic 2,6-bisbenzimidazolylpyridine ligands. <i>Tetrahedron</i> , 2008, 64, 8488-8495.	1.9	30
93	Blends of Paclitaxel with POSS-Based Biodegradable Polyurethanes: Morphology, Miscibility, and Specific Interactions. <i>Macromolecules</i> , 2010, 43, 4991-4999.	4.8	30
94	Fabrication of Polymeric Coatings with Controlled Microtopographies Using an Electrospraying Technique. <i>PLoS ONE</i> , 2015, 10, e0129960.	2.5	29
95	Preparation and characterization of triple shape memory composite foams. <i>Soft Matter</i> , 2014, 10, 8066-8074.	2.7	28
96	Design strategies for shape memory polymers. <i>Current Opinion in Chemical Engineering</i> , 2013, 2, 103-111.	7.8	26
97	The shape-memory effect in ionic elastomers: fixation through ionic interactions. <i>Soft Matter</i> , 2017, 13, 2983-2994.	2.7	26
98	Nafion Nanofiber Membranes. <i>ECS Transactions</i> , 2009, 25, 1451-1458.	0.5	25
99	Interwoven polymer composites via dual-electrospinning with shape memory and self-healing properties. <i>MRS Communications</i> , 2015, 5, 211-221.	1.8	24
100	Evolution of microstructure during shape memory cycling of a main-chain liquid crystalline elastomer. <i>Polymer</i> , 2013, 54, 2808-2820.	3.8	22
101	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.	3.1	22
102	Anisotropic Shape-Memory Elastomeric Composites: Fabrication and Testing. <i>Macromolecular Chemistry and Physics</i> , 2013, 214, 1247-1257.	2.2	21
103	Synthesis and thermal properties of thermosetting bis-benzocyclobutene-terminated arylene ether monomers. <i>Journal of Polymer Science Part A</i> , 1998, 36, 2637-2651.	2.3	20
104	Comparative analysis of shape memory-based self-healing coatings. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2016, 54, 1415-1426.	2.1	20
105	Progressive Myofibril Reorganization of Human Cardiomyocytes on a Dynamic Nanotopographic Substrate. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 21450-21462.	8.0	20
106	Synthesis and Characterization of Unsaturated Thermotropic Polyesters Prepared via Acyclic Diene Metathesis Polymerization. <i>Macromolecules</i> , 2004, 37, 5239-5249.	4.8	18
107	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.	2.3	18
108	Shape Memory RGD-Containing Networks: Synthesis, Characterization, and Application in Cell Culture. <i>Macromolecular Symposia</i> , 2011, 309-310, 162-172.	0.7	18

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109	A latent crosslinkable PCL-based polyurethane: Synthesis, shape memory, and enzymatic degradation. <i>Journal of Materials Research</i> , 2018, 33, 2463-2476.	2.6	18
110	Non-uniform curvature and anisotropic deformation control wrinkling patterns on tori. <i>Soft Matter</i> , 2019, 15, 5204-5210.	2.7	15
111	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.	4.8	14
112	Synthesis and Characterization of Zwitterionic Polymer Brush Functionalized Hydrogels with Ionic Responsive Coefficient of Friction. <i>Langmuir</i> , 2020, 36, 3932-3940.	3.5	14
113	Interfacial Tension of a Liquid Crystalline Polymer in an Isotropic Polymer Matrix. <i>Macromolecules</i> , 2005, 38, 7343-7351.	4.8	12
114	Crosslinkable liquid crystalline copolymers with variable isotropization temperature. <i>Journal of Materials Chemistry</i> , 2012, 22, 14518.	6.7	12
115	Molecular Composite Coatings on Nafion Using Layer-by-Layer Self-Assembly. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 10365-10373.	8.0	12
116	Phase behavior and rheology of blends containing polycarbonate and a thermotropic polyester. <i>Journal of Applied Polymer Science</i> , 1996, 59, 243-250.	2.6	11
117	Optical and Mechanical Rheometry of Semiflexible Main-Chain Thermotropic Liquid-Crystalline Polymers with Varying Pendant Groups. <i>Macromolecules</i> , 2000, 33, 7922-7930.	4.8	11
118	Synthesis and characterization of a semiflexible liquid crystalline polyester with a broad nematic region. <i>Liquid Crystals</i> , 1994, 17, 811-826.	2.2	10
119	Thermally crosslinkable thermotropic copolyesters: synthesis, characterization, and processing. <i>Polymer</i> , 1997, 38, 6009-6022.	3.8	10
120	<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.	4.0	10
121	Hot-compacted interwoven webs of biodegradable polymers. <i>Polymer</i> , 2016, 101, 127-138.	3.8	9
122	Tuning of reversible actuation via ROMP-based copolymerization semicrystalline polymers. <i>Polymer</i> , 2018, 156, 228-239.	3.8	9
123	Polypeptide-catalyzed Biosilicification of Dentin Surfaces. <i>Journal of Dental Research</i> , 2009, 88, 377-381.	5.2	8
124	Dynamic covalent exchange in poly(thioether anhydrides). <i>Polymer Chemistry</i> , 2020, 11, 7551-7561.	3.9	8
125	Mechanics and tribology of a zwitterionic polymer blend: Impact of molecular weight. <i>Materials Science and Engineering C</i> , 2020, 111, 110736.	7.3	8
126	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

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127	In vivo kinetic degradation analysis and biocompatibility of aliphatic polyester polyurethanes. Journal of Biomedical Materials Research - Part A, 2010, 94, 333-43.	4.0	6
128	Mid-wavelength IR (MWIR) polarizers from glassy cholesteric liquid crystals. Liquid Crystals, 1999, 26, 557-565.	2.2	5
129	Phase Behavior, Rheology, and Morphology of Binary Blends of Semiflexible Main-Chain Thermotropic Liquid-Crystalline Polymers. Macromolecules, 2001, 34, 7152-7161.	4.8	5
130	Composite Membranes for Hydrogen/Air PEM Fuel Cells. ECS Transactions, 2007, 11, 79-87.	0.5	5
131	Ternary Polymeric Composites Exhibiting Bulk and Surface Quadruple-Shape Memory Properties. ChemPhysChem, 2018, 19, 2014-2024.	2.1	4
132	Profiling the responsiveness of focal adhesions of human cardiomyocytes to extracellular dynamic nano-topography. Bioactive Materials, 2022, 10, 367-377.	15.6	4
133	The origin of stress-oscillation damping during start-up and reversal of torsional shearing of nematics. Rheologica Acta, 1997, 36, 485-497.	2.4	4
134	Rheological and mechanical relaxation behavior of a thermally crosslinkable poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 Td	3.1	2
135	Rheological characterization of asphalt in a temperature-gradient combinatorial squeeze-flow setup. Rheologica Acta, 2007, 46, 1075-1082.	2.4	2
136	A programmable shape-changing scaffold for regenerative medicine. , 2012, , .		2
137	Directed Mineralization on Polyelectrolyte Multilayer Films. Materials Research Society Symposia Proceedings, 2006, 975, 1.	0.1	0
138	Abstract 321: A Biomimetic Approach to Developing Antithrombotic Small-Caliber Prosthetic Vascular Grafts. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, .	2.4	0