Timothy P Lodge

List of Publications by Year
in descending order

324 papers	23,185 citations	10650 74 h-index	13274 135 g-index
329 all docs	329 docs citations	329 times ranked	18737 citing authors

#	Article	IF	Citations
1	Printable ion-gel gate dielectrics for low-voltage polymer thin-film transistorsÂonÂplastic. Nature Materials, 2008, 7, 900-906.	13.3	1,077
2	Multiblock Polymers: Panacea or Pandoraâ€™s Box?. Science, 2012, 336, 434-440.	6.0	930
3	Electrolyteâ€Gated Transistors for Organic and Printed Electronics. Advanced Materials, 2013, 25, 1822-1846.	11.1	797
4	Polymer Chemistry. , 0, , .		770
5	Self-Concentrations and Effective Glass Transition Temperatures in Polymer Blends. Macromolecules, 2000, 33, 5278-5284.	2.2	548
6	Block Copolymers: Past Successes and Future Challenges. Macromolecular Chemistry and Physics, 2003, 204, 265-273.	1.1	516
7	Multicompartment Block Polymer Micelles. Macromolecules, 2012, 45, 2-19.	2.2	436
8	Ion Gel Gated Polymer Thin-Film Transistors. Journal of the American Chemical Society, 2007, 129, 4532-4533.	6.6	422
9	A Unique Platform for Materials Design. Science, 2008, 321, 50-51.	6.0	407
10	Self-Assembly of Block Copolymer Micelles in an Ionic Liquid. Journal of the American Chemical Society, 2006, 128, 2745-2750.	6.6	400
11	â€œCut and Stickâ€•Rubbery Ion Gels as High Capacitance Gate Dielectrics. Advanced Materials, 2012, 24, 4457-4462.	11.1	383
12	The Full Phase Behavior for Block Copolymers in Solvents of Varying Selectivity. Macromolecules, 2002, 35, 4707-4717.	2.2	359
13	Phase Behavior of a Block Copolymer in Solvents of Varying Selectivity. Macromolecules, 2000, 33, 5918-5931.	2.2	340
14	Ion Gel-Gated Polymer Thin-Film Transistors: Operating Mechanism and Characterization of Gate Dielectric Capacitance, Switching Speed, and Stability. Journal of Physical Chemistry C, 2009, 113, 8972-8981.	1.5	325
15	Thermoreversible Gelation of Aqueous Methylcellulose Solutions. Macromolecules, 1999, 32, 7070-7077.	2.2	316
16	Polymeric Bicontinuous Microemulsions. Physical Review Letters, 1997, 79, 849-852.	2.9	300
17	Ion Gels by Self-Assembly of a Triblock Copolymer in an Ionic Liquidâ€. Journal of Physical Chemistry B, 2007, 111, 4645-4652.	1.2	288
18	High-Modulus, High-Conductivity Nanostructured Polymer Electrolyte Membranes via Polymerization-Induced Phase Separation. Nano Letters, 2014, 14, 122-126.	4.5	274

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19	Simultaneous, Segregated Storage of Two Agents in a Multicompartment Micelle. Journal of the American Chemical Society, 2005, 127, 17608-17609.	6.6	249
20	Reconciliation of the Molecular Weight Dependence of Diffusion and Viscosity in Entangled Polymers. Physical Review Letters, 1999, 83, 3218-3221.	2.9	231
21	Solution Processable, Electrochromic Ion Gels for Sub-1 V, Flexible Displays on Plastic. Chemistry of Materials, 2015, 27, 1420-1425.	3.2	219
22	Sphere, Cylinder, and Vesicle Nanoaggregates in Poly(styrene-b-isoprene) Diblock Copolymer Solutions. Macromolecules, 2006, 39, 1199-1208.	2.2	211
23	Solution-Processable Electrochemiluminescent Ion Gels for Flexible, Low-Voltage, Emissive Displays on Plastic. Journal of the American Chemical Society, 2014, 136, 3705-3712.	6.6	204
24	Synthesis and Gas Separation Performance of Triblock Copolymer Ion Gels with a Polymerized Ionic Liquid Mid-Block. Macromolecules, 2011, 44, 1732-1736.	2.2	203
25	Multicolored, Low-Power, Flexible Electrochromic Devices Based on Ion Gels. ACS Applied Materials & Interfaces, 2016, 8, 6252-6260.	4.0	202
26	Two calorimetric glass transitions do not necessarily indicate immiscibility: The case of PEO/PMMA. Journal of Polymer Science, Part B: Polymer Physics, 2006, 44, 756-763.	2.4	183
27	Ionic Conductivity, Capacitance, and Viscoelastic Properties of Block Copolymer-Based Ion Gels. Macromolecules, 2011, 44, 940-949.	2.2	183
28	Thermoreversible Ion Gels with Tunable Melting Temperatures from Triblock and Pentablock Copolymers. Macromolecules, 2008, 41, 167-174.	2.2	178
29	Mechanism of Molecular Exchange in Diblock Copolymer Micelles: Hypersensitivity to Core Chain Length. Physical Review Letters, 2010, 104, 047802.	2.9	177
30	High Toughness, High Conductivity Ion Gels by Sequential Triblock Copolymer Self-Assembly and Chemical Cross-Linking. Journal of the American Chemical Society, 2013, 135, 9652-9655.	6.6	177
31	A thermoreversible ion gel by triblock copolymer self-assembly in an ionic liquid. Chemical Communications, 2007, , 2732.	2.2	174
32	Electrical Impedance of Spin-Coatable Ion Gel Films. Journal of Physical Chemistry B, 2011, 115, 3315-3321.	1.2	166
33	Model Bicontinuous Microemulsions in Ternary Homopolymer/Block Copolymer Blends. Journal of Physical Chemistry B, 1999, 103, 4814-4824.	1.2	159
34	Thermoreversible Supramacromolecular Ion Gels via Hydrogen Bonding. Macromolecules, 2008, 41, 5839-5844.	2.2	155
35	Phase Behavior of Block Copolymers in a Neutral Solvent. Macromolecules, 2003, 36, 816-822.	2.2	143
36	Mechanically Tunable, Readily Processable Ion Gels by Self-Assembly of Block Copolymers in Ionic Liquids. Accounts of Chemical Research, 2016, 49, 2107-2114.	7.6	138

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37	Static and dynamic crossover in a critical polymer mixture. Physical Review Letters, 1990, 65, 1893-1896.	2.9	137
38	Lower Critical Solution Temperature (LCST) Phase Behavior of Poly(ethylene oxide) in Ionic Liquids. Journal of Physical Chemistry Letters, 2010, 1, 1962-1966.	2.1	129
39	Isotropic Lifshitz Behavior in Block Copolymer-Homopolymer Blends. Physical Review Letters, 1995, 75, 4429-4432.	2.9	112
40	Self-Consistent Calculations of Block Copolymer Solution Phase Behavior. Macromolecules, 1998, 31, 3556-3565.	2.2	112
41	Molecular Weight Distribution of Polystyrene Made by Anionic Polymerization. Macromolecules, 2000, 33, 5111-5115.	2.2	107
42	Efficient Formation of Multicompartment Hydrogels by Stepwise Self-Assembly of Thermoresponsive ABC Triblock Terpolymers. Journal of the American Chemical Society, 2012, 134, 10365-10368.	6.6	107
43	Diffusivity and Viscosity of Concentrated Hydrogenated Polybutadiene Solutions. Macromolecules, 2000, 33, 1747-1758.	2.2	105
44	Mesoporous Membrane Templated by a Polymeric Bicontinuous Microemulsion. Nano Letters, 2006, 6, 2354-2357.	4.5	104
45	Gelation Mechanism of Thermoreversible Supramacromolecular Ion Gels via Hydrogen Bonding. Macromolecules, 2009, 42, 5802-5810.	2.2	104
46	Micellization and Micellar Aggregation of Poly(ethylene-alt-propylene)-b-poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 2011, 44, 1635-1641.	2.2	103
47	Unusual Lower Critical Solution Temperature Phase Behavior of Poly(ethylene oxide) in Ionic Liquids. Macromolecules, 2012, 45, 3627-3633.	2.2	103
48	Introductory Lecture : Strategies for controlling intra- and intermicellar packing in block copolymer solutions: Illustrating the flexibility of the self-assembly toolbox. Faraday Discussions, 2005, 128, 1.	1.6	101
49	Phase Behavior and Ionic Conductivity of Concentrated Solutions of Polystyrene-Poly(ethylene oxide) Diblock Copolymers in an Ionic Liquid. ACS Applied Materials & Interfaces, 2009, 1, 2812-2820.	4.0	101
50	Fibrillar Structure of Methylcellulose Hydrogels. Biomacromolecules, 2013, 14, 2484-2488.	2.6	100
51	Viscoelastic Properties, Ionic Conductivity, and Materials Design Considerations for Poly(styrene-b-ethylene oxide-b-styrene)-Based Ion Gel Electrolytes. Macromolecules, 2011, 44, 8981-8989.	2.2	97
52	Effect of dilution on a block copolymer in the complex phase window. Journal of Polymer Science, Part B: Polymer Physics, 1998, 36, 3101-3113.	2.4	96
53	Molecular Exchange in Ordered Diblock Copolymer Micelles. Macromolecules, 2011, 44, 3594-3604.	2.2	94
54	Single Ion Conducting, Polymerized Ionic Liquid Triblock Copolymer Films: High Capacitance Electrolyte Gates for n-type Transistors. ACS Applied Materials & Interfaces, 2015, 7, 7294-7302.	4.0	93

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55	Ternary Polymer Blends as Model Surfactant Systems. Journal of Physical Chemistry B, 2000, 104, 6987-6997.	1.2	91
56	Synthesis and self-assembly of fluorinated block copolymers. Journal of Polymer Science Part A, 2002, 40, 1-8.	2.5	90
57	Synergistic Increase in Ionic Conductivity and Modulus of Triblock Copolymer Ion Gels. Macromolecules, 2015, 48, 4942-4950.	2.2	89
58	Robust Polymer Electrolyte Membranes with High Ambient-Temperature Lithium-Ion Conductivity via Polymerization-Induced Microphase Separation. ACS Applied Materials & Interfaces, 2017, 9, 14561-14565.	4.0	89
59	The Orderâ^'Disorder Transition and the Disordered Micelle Regime in Sphere-Forming Block Copolymer Melts. Macromolecules, 2001, 34, 9143-9155.	2.2	88
60	Doubly Thermosensitive Self-Assembly of Diblock Copolymers in Ionic Liquids. Macromolecules, 2009, 42, 1315-1320.	2.2	88
61	Origin of the Thermoreversible fcc-bcc Transition in Block Copolymer Solutions. Physical Review Letters, 2004, 92, 145501.	2.9	86
62	Lyotropic Phase Behavior of Polybutadieneâ^'Poly(ethylene oxide) Diblock Copolymers in Ionic Liquids. Macromolecules, 2008, 41, 1753-1759.	2.2	86
63	Two Calorimetric Glass Transitions in Miscible Blends Containing Poly(ethylene oxide). Macromolecules, 2008, 41, 2502-2508.	2.2	84
64	Equilibrium vs Metastability: High-Temperature Annealing of Spherical Block Copolymer Micelles in an Ionic Liquid. Macromolecules, 2009, 42, 580-583.	2.2	84
65	Evolution of Morphology, Modulus, and Conductivity in Polymer Electrolytes Prepared via Polymerization-Induced Phase Separation. Macromolecules, 2015, 48, 1418-1428.	2.2	82
66	Micelle/Inverse Micelle Self-Assembly of a PEOâ^'PNIPAm Block Copolymer in Ionic Liquids with Double Thermoresponsivity. Macromolecules, 2010, 43, 9522-9528.	2.2	80
67	Block Copolymer Self-Diffusion in the Gyroid and Cylinder Morphologies. Macromolecules, 1998, 31, 5363-5370.	2.2	79
68	Static and dynamic scattering from ternary polymer blends: Bicontinuous microemulsions, Lifshitz lines, and amphiphilicity. Journal of Chemical Physics, 2001, 114, 7247-7259.	1.2	79
69	The Orderâ^'Disorder Transition and the Disordered Micelle Regime for Poly(ethylenepropylene-b-dimethylsiloxane) Spheres. Macromolecules, 2002, 35, 9687-9697.	2.2	79
70	ABA-triblock copolymer ion gels for CO2 separation applications. Journal of Membrane Science, 2012, 423-424, 20-26.	4.1	79
71	Solvent Distribution in Weakly-Ordered Block Copolymer Solutions. Macromolecules, 1997, 30, 6139-6149.	2.2	78
72	Thermodynamic Stability and Anisotropic Fluctuations in the Cylinder-to-Sphere Transition of a Block Copolymer. Macromolecules, 1999, 32, 7190-7201.	2.2	78

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73	Path-Dependent Morphology and Relaxation Kinetics of Highly Amphiphilic Diblock Copolymer Micelles in Ionic Liquids. Macromolecules, 2010, 43, 2018-2027.	2.2	78
74	Thermoreversible Morphology Transitions of Poly(styrene-b-dimethylsiloxane) Diblock Copolymer Micelles in Dilute Solution. Macromolecules, 2007, 40, 4048-4052.	2.2	77
75	A Stepwise â€œMicellizationâ€“Crystallizationâ€•Route to Oblate Ellipsoidal, Cylindrical, and Bilayer Micelles with Polyethylene Cores in Water. Macromolecules, 2012, 45, 9460-9467.	2.2	77
76	Polycation Architecture and Assembly Direct Successful Gene Delivery: Micelleplexes Outperform Polyplexes via Optimal DNA Packaging. Journal of the American Chemical Society, 2019, 141, 15804-15817.	6.6	77
77	Synthesis, Characterization, and Interaction Strengths of Difluorocarbene-Modified Polystyreneâ^Polyisoprene Block Copolymers. Macromolecules, 2000, 33, 866-876.	2.2	76
78	Contrast Variation Small-Angle Neutron Scattering Study of the Structure of Block Copolymer Micelles in a Slightly Selective Solvent at Semidilute Concentrations. Macromolecules, 2000, 33, 542-550.	2.2	76
79	UCST Phase Transition of Azobenzene-Containing Random Copolymer in an Ionic Liquid. Macromolecules, 2011, 44, 6908-6914.	2.2	76
80	Anhydrous Proton Conducting Polymer Electrolyte Membranes via Polymerization-Induced Microphase Separation. ACS Applied Materials & Interfaces, 2016, 8, 6200-6210.	4.0	76
81	Microphase Separation of High Grafting Density Asymmetric Mixed Homopolymer Brushes on Silica Particles. Macromolecules, 2010, 43, 8209-8217.	2.2	75
82	Poly(n-butyl methacrylate) in Ionic Liquids with Tunable Lower Critical Solution Temperatures (LCST). Journal of Physical Chemistry B, 2011, 115, 1971-1977.	1.2	74
83	Fibrillar Structure in Aqueous Methylcellulose Solutions and Gels. Macromolecules, 2013, 46, 9760-9771.	2.2	74
84	Light-Controlled Reversible Micellization of a Diblock Copolymer in an Ionic Liquid. Macromolecules, 2012, 45, 7566-7573.	2.2	71
85	Structure of Poly(styrene-b-ethylene-alt-propylene) Diblock Copolymer Micelles in Squalane. Journal of Physical Chemistry B, 2009, 113, 13840-13848.	1.2	70
86	Photoreversible Gelation of a Triblock Copolymer in an Ionic Liquid. Angewandte Chemie - International Edition, 2015, 54, 3018-3022.	7.2	68
87	Remarkable Effect of Molecular Architecture on Chain Exchange in Triblock Copolymer Micelles. Macromolecules, 2015, 48, 2667-2676.	2.2	68
88	Linear and Nonlinear Rheological Behavior of Fibrillar Methylcellulose Hydrogels. ACS Macro Letters, 2015, 4, 538-542.	2.3	67
89	A15, Ïƒ, and a Quasicrystal: Access to Complex Particle Packings via Bidisperse Diblock Copolymer Blends. ACS Macro Letters, 2020, 9, 197-203.	2.3	67
90	Epitaxial Transitions among FCC, HCP, BCC, and Cylinder Phases in a Block Copolymer Solution. Macromolecules, 2004, 37, 9064-9075.	2.2	65

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91	Thermally Reversible Ion Gels with Photohealing Properties Based on Triblock Copolymer Self-Assembly. Macromolecules, 2015, 48, 5928-5933.	2.2	65
92	Temperature-dependent micellar structures in poly(styrene-b-isoprene) diblock copolymer solutions near the critical micelle temperature. Journal of Chemical Physics, 2004, 121, 11489.	1.2	63
93	Miscibility and Crystallization in Polycarbonate/Poly(Îµ-caprolactone) Blends:Â Application of the Self-Concentration Model. Macromolecules, 2005, 38, 5109-5117.	2.2	63
94	Tuning Cationic Block Copolymer Micelle Size by pH and Ionic Strength. Biomacromolecules, 2016, 17, 2849-2859.	2.6	63
95	Methyl cellulose solutions and gels: fibril formation and gelation properties. Progress in Polymer Science, 2021, 112, 101324.	11.8	63
96	Synthesis and Remarkable Efficacy of Model Polyethylene-graft-poly(methyl methacrylate) Copolymers as Compatibilizers in Polyethylene/Poly(methyl methacrylate) Blends. Macromolecules, 2012, 45, 9604-9610.	2.2	62
97	Self-Diffusion and Tracer Diffusion in Sphere-Forming Block Copolymers. Macromolecules, 2003, 36, 7158-7164.	2.2	61
98	Structureâ€“Conductivity Relationships in Ordered and Disordered Salt-Doped Diblock Copolymer/Homopolymer Blends. Macromolecules, 2016, 49, 6928-6939.	2.2	61
99	Effect of composition on the width of the calorimetric glass transition in polymer-solvent and solvent-solvent mixtures. Journal of Polymer Science, Part B: Polymer Physics, 2004, 42, 1155-1163.	2.4	60
100	Interfacial slip reduces polymer-polymer adhesion during coextrusion. Journal of Rheology, 2006, 50, 41-57.	1.3	60
101	Thermodynamics of Aqueous Methylcellulose Solutions. Macromolecules, 2015, 48, 7205-7215.	2.2	60
102	Effect of Thermodynamic Interactions on Reactions at Polymer/Polymer Interfaces. Macromolecules, 2003, 36, 7212-7219.	2.2	59
103	Disk Micelles from Nonionic Coilâ^'Coil Diblock Copolymers. Macromolecules, 2006, 39, 4526-4530.	2.2	59
104	Emergence of a C15 Laves Phase in Diblock Polymer/Homopolymer Blends. ACS Macro Letters, 2020, 9, 576-582.	2.3	59
105	Micellization of PS-PMMA Diblock Copolymers in an Ionic Liquid. Macromolecular Chemistry and Physics, 2007, 208, 339-348.	1.1	58
106	Thermoreversible high-temperature gelation of an ionic liquid with poly(benzyl methacrylate-b-methyl) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.2	58
107	An Ordered Nanoporous Monolith from an Elastomeric Crosslinked Block Copolymer Precursor. Macromolecular Rapid Communications, 2004, 25, 704-709.	2.0	56
108	Block Copolymer Micelle Shuttles with Tunable Transfer Temperatures between Ionic Liquids and Aqueous Solutions. Langmuir, 2008, 24, 5284-5290.	1.6	56

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109	Transfer Printing of Thermoreversible Ion Gels for Flexible Electronics. ACS Applied Materials & Interfaces, 2013, 5, 9522-9527.	4.0	56
110	Effect of Selective Perfluoroalkylation on the Segregation Strength of Polystyreneâ^'1,2-Polybutadiene Block Copolymers. Macromolecules, 2002, 35, 3889-3894.	2.2	55
111	Interfacial Morphology Development during PS/PMMA Reactive Coupling. Macromolecules, 2005, 38, 6586-6591.	2.2	55
112	Pluronic Micelle Shuttle between Water and an Ionic Liquid. Langmuir, 2010, 26, 8887-8892.	1.6	55
113	Fluctuations with Cubic Symmetry in a Hexagonal Copolymer Microstructure. Physical Review Letters, 1998, 81, 5354-5357.	2.9	54
114	Recent Advances in Understanding the Micro- and Nanoscale Phenomena of Amorphous Solid Dispersions. Molecular Pharmaceutics, 2019, 16, 4089-4103.	2.3	54
115	Thermodynamics and Mechanism of the Block Copolymer Micelle Shuttle between Water and an Ionic Liquid. Journal of Physical Chemistry B, 2009, 113, 14151-14157.	1.2	52
116	DC-Driven, Sub-2 V Solid-State Electrochemiluminescent Devices by Incorporating Redox Coreactants into Emissive Ion Gels. Chemistry of Materials, 2014, 26, 5358-5364.	3.2	52
117	Persistence of the Gyroid Morphology at Strong Segregation in Diblock Copolymers. Macromolecules, 2003, 36, 4682-4685.	2.2	51
118	Structure and Dynamics of Disordered Tetrablock Copolymers:Â Composition and Temperature Dependence of Local Friction. Macromolecules, 1998, 31, 4562-4573.	2.2	50
119	A Simple and Mild Route to Highly Fluorinated Model Polymers. Macromolecules, 2001, 34, 4780-4787.	2.2	50
120	Mapping Large Regions of Diblock Copolymer Phase Space by Selective Chemical Modification. Macromolecules, 2004, 37, 397-407.	2.2	50
121	High-Temperature Nanoporous Ceramic Monolith Prepared from a Polymeric Bicontinuous Microemulsion Template. Journal of the American Chemical Society, 2009, 131, 1676-1677.	6.6	50
122	Polymersomes with Ionic Liquid Interiors Dispersed in Water. Journal of the American Chemical Society, 2010, 132, 16265-16270.	6.6	50
123	A New Class of Fluorinated Polymers by a Mild, Selective, and Quantitative Fluorination. Journal of the American Chemical Society, 1998, 120, 6830-6831.	6.6	49
124	A framework for predicting the viscosity of miscible polymer blends. Journal of Rheology, 2004, 48, 463-486.	1.3	49
125	Packaging pDNA by Polymeric ABC Micelles Simultaneously Achieves Colloidal Stability and Structural Control. Journal of the American Chemical Society, 2018, 140, 11101-11111.	6.6	49
126	Subâ€3 V ZnO Electrolyteâ€Gated Transistors and Circuits with Screenâ€Printed and Photoâ€Crosslinked Ion Gel Gate Dielectrics: New Routes to Improved Performance. Advanced Functional Materials, 2020, 30, 1902028.	7.8	49

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127	Correlation Length and Entanglement Spacing in Concentrated Hydrogenated Polybutadiene Solutions. Macromolecules, 1999, 32, 1212-1217.	2.2	48
128	Nanoporous Materials Derived from Polymeric Bicontinuous Microemulsions. Chemistry of Materials, 2010, 22, 1279-1281.	3.2	48
129	Electrochemiluminescent displays based on ion gels: correlation between device performance and choice of electrolyte. Journal of Materials Chemistry C, 2016, 4, 8448-8453.	2.7	48
130	Lithium Salt-Induced Microstructure and Ordering in Diblock Copolymer/Homopolymer Blends. Macromolecules, 2016, 49, 4839-4849.	2.2	48
131	Block Polymer Micelles Enable CRISPR/Cas9 Ribonucleoprotein Delivery: Physicochemical Properties Affect Packaging Mechanisms and Gene Editing Efficiency. Macromolecules, 2019, 52, 8197-8206.	2.2	48
132	Effect of Concentration on the Glass Transition and Viscoelastic Properties of Poly(methyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542 Td	2.2	47
133	Apparent Critical Micelle Concentrations in Block Copolymer/Ionic Liquid Solutions: Remarkably Weak Dependence on Solvophobic Block Molecular Weight. Macromolecules, 2012, 45, 4818-4829.	2.2	47
134	pH- and Ionic-Strength-Induced Contraction of Polybasic Micelles in Buffered Aqueous Solutions. Macromolecules, 2015, 48, 2677-2685.	2.2	47
135	Shear-Induced Nano-Macro Structural Transition in a Polymeric Bicontinuous Microemulsion. Physical Review Letters, 2001, 87, 098301.	2.9	46
136	Formation of Multicompartment Ion Gels by Stepwise Self-Assembly of a Thermoresponsive ABC Triblock Terpolymer in an Ionic Liquid. Macromolecules, 2016, 49, 2298-2306.	2.2	46
137	Structure, viscoelasticity, and interfacial dynamics of a model polymeric bicontinuous microemulsion. Soft Matter, 2016, 12, 53-66.	1.2	45
138	Nanocasting nanoporous inorganic and organic materials from polymeric bicontinuous microemulsion templates. Polymer Journal, 2012, 44, 131-146.	1.3	43
139	Superlattice by charged block copolymer self-assembly. Nature Communications, 2019, 10, 2108.	5.8	43
140	Cryogenic Transmission Electron Microscopy Imaging of Vesicles Formed by a Polystyreneâ^'Polyisoprene Diblock Copolymer. Macromolecules, 2005, 38, 6779-6781.	2.2	42
141	Role of Chain Length in the Formation of Frank-Kasper Phases in Diblock Copolymers. Physical Review Letters, 2018, 121, 208002.	2.9	42
142	Hierarchically Structured Materials from Block Polymer Confinement within Bicontinuous Microemulsion-Derived Nanoporous Polyethylene. ACS Nano, 2011, 5, 8914-8927.	7.3	41
143	Lower Critical Solution Temperature Phase Behavior of Poly(n-butyl methacrylate) in Ionic Liquid Mixtures. Macromolecules, 2013, 46, 9464-9472.	2.2	41
144	Printable, Degradable, and Biocompatible Ion Gels from a Renewable ABA Triblock Polyester and a Low Toxicity Ionic Liquid. ACS Macro Letters, 2017, 6, 1083-1088.	2.3	41

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145	Effects of component molecular weight on the viscoelastic properties of thermoreversible supramolecular ion gels via hydrogen bonding. Soft Matter, 2012, 8, 2110.	1.2	40
146	Thermoresponsive Polymers for Nuclear Medicine: Which Polymer Is the Best?. Langmuir, 2016, 32, 6115-6122.	1.6	40
147	Preparation, Characterization, and Formulation Development of Drugâ€“Drug Protic Ionic Liquids of Diphenhydramine with Ibuprofen and Naproxen. Molecular Pharmaceutics, 2018, 15, 4190-4201.	2.3	40
148	Viscoelastic Synergy in Aqueous Mixtures of Wormlike Micelles and Model Amphiphilic Triblock Copolymers. Macromolecules, 2007, 40, 1615-1623.	2.2	39
149	Detection of Pharmaceutical Drug Crystallites in Solid Dispersions by Transmission Electron Microscopy. Molecular Pharmaceutics, 2015, 12, 983-990.	2.3	39
150	Chain Exchange Kinetics in Diblock Copolymer Micelles in Ionic Liquids: The Role of Ï‡. Macromolecules, 2016, 49, 9542-9552.	2.2	39
151	Impact of Polymer Excipient Molar Mass and End Groups on Hydrophobic Drug Solubility Enhancement. Macromolecules, 2017, 50, 1102-1112.	2.2	39
152	Influence of Conformational Asymmetry on the Phase Behavior of Ternary Homopolymer/Block Copolymer Blends around the Bicontinuous Microemulsion Channel. Journal of Physical Chemistry B, 2006, 110, 3979-3989.	1.2	38
153	Morphology, Modulus, and Conductivity of a Triblock Terpolymer/Ionic Liquid Electrolyte Membrane. Macromolecules, 2014, 47, 1090-1098.	2.2	38
154	Enhanced Performance of Blended Polymer Excipients in Delivering a Hydrophobic Drug through the Synergistic Action of Micelles and HPMCAS. Langmuir, 2017, 33, 2837-2848.	1.6	38
155	Block Copolymers: Long-Term Growth with Added Value. Macromolecules, 2020, 53, 2-4.	2.2	38
156	Effect of Corona Block Length on the Structure and Chain Exchange Kinetics of Block Copolymer Micelles. Macromolecules, 2018, 51, 3563-3571.	2.2	37
157	Celebrating 50 Years of Macromolecules. Macromolecules, 2017, 50, 9525-9527.	2.2	36
158	Composition and Temperature Dependence of Monomer Friction in Polystyrene/Poly(methyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222	2.2	35
159	Interpolyelectrolyte Complexes of Polycationic Micelles and Linear Polyanions: Structural Stability and Temporal Evolution. Journal of Physical Chemistry B, 2015, 119, 15919-15928.	1.2	35
160	2-Hydroxyethylcellulose and Amphiphilic Block Polymer Conjugates Form Mechanically Tunable and Nonswellable Hydrogels. ACS Macro Letters, 2017, 6, 145-149.	2.3	35
161	Gelation, Phase Separation, and Fibril Formation in Aqueous Hydroxypropylmethylcellulose Solutions. Biomacromolecules, 2018, 19, 816-824.	2.6	35
162	Maintaining Hydrophobic Drug Supersaturation in a Micelle Corona Reservoir. Macromolecules, 2018, 51, 540-551.	2.2	35

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163	Measurement of Gyroid Single Grain Growth Rates in Block Copolymer Solutions. Macromolecules, 2003, 36, 7672-7680.	2.2	34
164	Exchange Kinetics for a Single Block Copolymer in Micelles of Two Different Sizes. Macromolecules, 2018, 51, 2312-2320.	2.2	34
165	Molecular Weight Dependence of Methylcellulose Fibrillar Networks. Macromolecules, 2018, 51, 7767-7775.	2.2	34
166	Structure and Properties of Bicontinuous Microemulsions from Salt-Doped Ternary Polymer Blends. Macromolecules, 2019, 52, 9693-9702.	2.2	34
167	Grain Shapes and Growth Kinetics of the Cylinder Phase in a Block Copolymer Solution. Macromolecules, 2004, 37, 4891-4899.	2.2	33
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