

# Timothy P Lodge

## List of Publications by Year in descending order

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324  
papers

23,185  
citations

9264

74  
h-index

11308

136  
g-index

329  
all docs

329  
docs citations

329  
times ranked

16208  
citing authors

#	ARTICLE	IF	CITATIONS
1	Temperature Dependence of Chain Conformations and Fibril Formation in Solutions of Poly( <i>N</i> -isopropylacrylamide)-Grafted Methylcellulose. <i>Macromolecules</i> , 2022, 55, 550-558.	4.8	4
2	Lipid Membrane Binding and Cell Protection Efficacy of Poly(1,2-butylene oxide)- <i>b</i> -poly(ethylene oxide) Copolymers. <i>Biomacromolecules</i> , 2022, , .	5.4	6
3	Improved nanoformulation and bio-functionalization of linear-dendritic block copolymers with biocompatible ionic liquids. <i>Nanoscale</i> , 2022, 14, 6021-6036.	5.6	16
4	Phase Behavior of Linear-Bottlebrush Block Polymers. <i>Macromolecules</i> , 2022, 55, 2821-2831.	4.8	14
5	Synthesis and Micellization of Bottlebrush Poloxamers. <i>ACS Macro Letters</i> , 2022, 11, 460-467.	4.8	7
6	Nondestructive Photo-Cross-Linking of Microphase-Separated Diblock Polymers through Coumarin Dimerization. <i>Macromolecules</i> , 2022, 55, 3317-3324.	4.8	4
7	Photoreversible Order–Disorder Transitions in Block Copolymer/Ionic Liquid Solutions. <i>Macromolecules</i> , 2022, 55, 3811-3820.	4.8	2
8	Stabilizing a Double Gyroid Network Phase with 2 nm Feature Size by Blending of Lamellar and Cylindrical Forming Block Oligomers. <i>Jacs Au</i> , 2022, 2, 1405-1416.	7.9	5
9	Self-Assembly of Partially Charged Diblock Copolymer-Homopolymer Ternary Blends. <i>Macromolecules</i> , 2022, 55, 4766-4775.	4.8	8
10	Impact of Side-Chain Length on the Self-Assembly of Linear-Bottlebrush Diblock Copolymers. <i>Macromolecules</i> , 2022, 55, 4947-4955.	4.8	7
11	Methyl cellulose solutions and gels: fibril formation and gelation properties. <i>Progress in Polymer Science</i> , 2021, 112, 101324.	24.7	63
12	Effects of Electrolytes on Thermodynamics and Structure of Oligo(ethylene oxide)/Salt Solutions and Liquid–Liquid Equilibria of a Squalane/Tetraethylene Glycol Dimethyl Ether Blend. <i>Macromolecules</i> , 2021, 54, 1120-1136.	4.8	2
13	Salt-Dependent Structure in Methylcellulose Fibrillar Gels. <i>Macromolecules</i> , 2021, 54, 2090-2100.	4.8	7
14	Quasicrystals and Their Approximants in a Crystalline–Amorphous Diblock Copolymer. <i>Macromolecules</i> , 2021, 54, 2647-2660.	4.8	28
15	Reevaluation of Poly(ethylene- <i>alt</i> -propylene)- <i>block</i> -Polydimethylsiloxane Phase Behavior Uncovers Topological Close-Packing and Epitaxial Quasicrystal Growth. <i>ACS Nano</i> , 2021, 15, 9453-9468.	14.6	19
16	Recent developments in centrifugally spun composite fibers and their performance as anode materials for lithium-ion and sodium-ion batteries. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2021, 266, 115024.	3.5	13
17	Development of a PointNet for Detecting Morphologies of Self-Assembled Block Oligomers in Atomistic Simulations. <i>Journal of Physical Chemistry B</i> , 2021, 125, 5275-5284.	2.6	7
18	Molecular Weight Dependence of Block Copolymer Micelle Fragmentation Kinetics. <i>Journal of the American Chemical Society</i> , 2021, 143, 7748-7758.	13.7	13

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19	Performance and morphology of centrifugally spun Co <sub>3</sub> O <sub>4</sub> /C composite fibers for anode materials in lithium-ion batteries. <i>Journal of Materials Science</i> , 2021, 56, 16010-16027.	3.7	8
20	Complex Phase Behavior in Particle-Forming AB/AB <sup>2</sup> Diblock Copolymer Blends with Variable Core Block Lengths. <i>Macromolecules</i> , 2021, 54, 7088-7101.	4.8	27
21	Influence of Charge Fraction on the Phase Behavior of Symmetric Single-Ion Conducting Diblock Copolymers. <i>ACS Macro Letters</i> , 2021, 10, 1035-1040.	4.8	14
22	Phase Behavior of Salt-Doped A/B/AB Ternary Polymer Blends: The Role of Homopolymer Distribution. <i>Macromolecules</i> , 2021, 54, 6990-7002.	4.8	8
23	Unusual Lower Critical Solution Temperature Phase Behavior of Poly(benzyl methacrylate) in a Pyrrolidinium-Based Ionic Liquid. <i>Molecules</i> , 2021, 26, 4850.	3.8	4
24	Centrifugally spun carbon fibers prepared from aqueous poly(vinylpyrrolidone) solutions as binder-free anodes in lithium-ion batteries. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50396.	2.6	7
25	Phase Behavior of Diblock Copolymer-Homopolymer Ternary Blends with a Compositionally Asymmetric Diblock Copolymer. <i>Macromolecules</i> , 2021, 54, 460-472.	4.8	13
26	Free Energy Trajectory for Escape of a Single Chain from a Diblock Copolymer Micelle. <i>ACS Macro Letters</i> , 2021, 10, 1570-1575.	4.8	5
27	Sub-3 V ZnO Electrolyte-Gated Transistors and Circuits with Screen-Printed and Photo-Crosslinked Ion Gel Gate Dielectrics: New Routes to Improved Performance. <i>Advanced Functional Materials</i> , 2020, 30, 1902028.	14.9	49
28	Internal Structure of Methylcellulose Fibrils. <i>Macromolecules</i> , 2020, 53, 398-405.	4.8	22
29	Effect of Solvent Selectivity on Chain Exchange Kinetics in Block Copolymer Micelles. <i>Macromolecules</i> , 2020, 53, 417-426.	4.8	19
30	Role of Polymer Excipients in the Kinetic Stabilization of Drug-Rich Nanoparticles. <i>ACS Applied Bio Materials</i> , 2020, 3, 7243-7254.	4.6	7
31	Hydrogenolysis of Linear Low-Density Polyethylene during Heterogeneous Catalytic Hydrogen-Deuterium Exchange. <i>Macromolecules</i> , 2020, 53, 6043-6055.	4.8	27
32	Influence of Added Salt on Chain Conformations in Poly(ethylene oxide) Melts: SANS Analysis with Complications. <i>Macromolecules</i> , 2020, 53, 7141-7149.	4.8	24
33	Hybridization of a Bimodal Distribution of Copolymer Micelles. <i>Macromolecules</i> , 2020, 53, 7705-7716.	4.8	11
34	Preparation of Inorganic/Organic Double-Network Ion Gels Using a Cross-Linkable Polymer in an Open System. <i>Macromolecules</i> , 2020, 53, 8529-8538.	4.8	12
35	Formation of a C15 Laves Phase with a Giant Unit Cell in Salt-Doped A/B/AB Ternary Polymer Blends. <i>ACS Nano</i> , 2020, 14, 13754-13764.	14.6	21
36	Direct Observation of Micelle Fragmentation via In Situ Liquid-Phase Transmission Electron Microscopy. <i>ACS Macro Letters</i> , 2020, 9, 756-761.	4.8	29

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37	From Order to Disorder: Computational Design of Triblock Amphiphiles with 1 nm Domains. <i>Journal of the American Chemical Society</i> , 2020, 142, 9352-9362.	13.7	9
38	Influence of the Headgroup on the Interaction of Poly(ethylene oxide)-Poly(propylene oxide) Block Copolymers with Lipid Bilayers. <i>Journal of Physical Chemistry B</i> , 2020, 124, 2417-2424.	2.6	14
39	The Use of Succinonitrile as an Electrolyte Additive for Composite-Fiber Membranes in Lithium-Ion Batteries. <i>Membranes</i> , 2020, 10, 45.	3.0	6
40	Emergence of a C15 Laves Phase in Diblock Polymer/Homopolymer Blends. <i>ACS Macro Letters</i> , 2020, 9, 576-582.	4.8	59
41	Block Copolymers: Long-Term Growth with Added Value. <i>Macromolecules</i> , 2020, 53, 2-4.	4.8	38
42	Dilute Solution Properties of Poly(benzyl methacrylate) in Ionic Liquids. <i>Macromolecules</i> , 2020, 53, 885-894.	4.8	12
43	A15, $\sqrt{f}$ , and a Quasicrystal: Access to Complex Particle Packings via Bidisperse Diblock Copolymer Blends. <i>ACS Macro Letters</i> , 2020, 9, 197-203.	4.8	67
44	Solid-Contact Ion-Selective and Reference Electrodes Covalently Attached to Functionalized Poly(ethylene terephthalate). <i>Analytical Chemistry</i> , 2020, 92, 7621-7629.	6.5	24
45	Spatial Distribution of PEO- <i>b</i> -PPO- <i>b</i> -PEO Block Copolymer and PEO Homopolymer in Lipid Bilayers. <i>Langmuir</i> , 2020, 36, 3393-3403.	3.5	14
46	Grain Growth and Coarsening Dynamics in a Compositionally Asymmetric Block Copolymer Revealed by X-ray Photon Correlation Spectroscopy. <i>Macromolecules</i> , 2020, 53, 8233-8243.	4.8	4
47	Microfluidic filament thinning of aqueous, fibrillar methylcellulose solutions. <i>Physical Review Fluids</i> , 2020, 5, .	2.5	4
48	The effect of light penetration depth on the LCST phase behavior of a thermo- and photoresponsive statistical copolymer in an ionic liquid. <i>Journal of Polymer Science Part A</i> , 2019, 57, 281-287.	2.3	10
49	Bicontinuous Microemulsions in Partially Charged Ternary Polymer Blends. <i>ACS Macro Letters</i> , 2019, 8, 1166-1171.	4.8	17
50	Properties of Chemically Cross-Linked Methylcellulose Gels. <i>Macromolecules</i> , 2019, 52, 7740-7748.	4.8	15
51	Block Polymer Micelles Enable CRISPR/Cas9 Ribonucleoprotein Delivery: Physicochemical Properties Affect Packaging Mechanisms and Gene Editing Efficiency. <i>Macromolecules</i> , 2019, 52, 8197-8206.	4.8	48
52	Centrifugally Spun $\text{Fe}_2\text{O}_3/\text{TiO}_2/\text{Carbon}$ Composite Fibers as Anode Materials for Lithium-Ion Batteries. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 4032.	2.5	23
53	Recent Advances in Understanding the Micro- and Nanoscale Phenomena of Amorphous Solid Dispersions. <i>Molecular Pharmaceutics</i> , 2019, 16, 4089-4103.	4.6	54
54	Fragmentation of 1,2-Polybutadiene- <i>b</i> -Poly(ethylene oxide) Micelles in Imidazolium-Based Ionic Liquids. <i>Macromolecules</i> , 2019, 52, 7089-7101.	4.8	8

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55	Polycation Architecture and Assembly Direct Successful Gene Delivery: Micelleplexes Outperform Polyplexes via Optimal DNA Packaging. <i>Journal of the American Chemical Society</i> , 2019, 141, 15804-15817.	13.7	77
56	More than a Liquid Junction: Effect of Stirring, Flow Rate, and Inward and Outward Electrolyte Diffusion on Reference Electrodes with Salt Bridges Contained in Nanoporous Glass. <i>Analytical Chemistry</i> , 2019, 91, 7698-7704.	6.5	10
57	Synthesis, Simulation, and Self-Assembly of a Model Amphiphile To Push the Limits of Block Polymer Nanopatterning. <i>Nano Letters</i> , 2019, 19, 4458-4462.	9.1	21
58	Micellization of Binary Diblock Co-polymer Mixtures in an Ionic Liquid. <i>Macromolecules</i> , 2019, 52, 4729-4738.	4.8	13
59	Influence of Cholesterol and Bilayer Curvature on the Interaction of PPO-PEO Block Copolymers with Liposomes. <i>Langmuir</i> , 2019, 35, 7231-7241.	3.5	19
60	Superlattice by charged block copolymer self-assembly. <i>Nature Communications</i> , 2019, 10, 2108.	12.8	43
61	Cardiac Muscle Membrane Stabilization in Myocardial Reperfusion Injury. <i>JACC Basic To Translational Science</i> , 2019, 4, 275-287.	4.1	24
62	Photoreversible Order-Disorder Transition in an Ionic Liquid Solvated Block Polymer. <i>ACS Macro Letters</i> , 2019, 8, 393-398.	4.8	13
63	Effect of Ionic Liquid Components on the Coil Dimensions of PEO. <i>Macromolecules</i> , 2019, 52, 3123-3130.	4.8	21
64	Effect of Ion Concentration on the Formation of Bicontinuous Microemulsions in Partially Charged Ternary Polymer Blends. <i>Macromolecules</i> , 2019, 52, 9416-9424.	4.8	5
65	Structure and Properties of Bicontinuous Microemulsions from Salt-Doped Ternary Polymer Blends. <i>Macromolecules</i> , 2019, 52, 9693-9702.	4.8	34
66	Polymer Nanogels as Reservoirs To Inhibit Hydrophobic Drug Crystallization. <i>ACS Nano</i> , 2019, 13, 1232-1243.	14.6	23
67	Structures and Protonation States of Hydrophilic Cationic Diblock Copolymers and Their Binding with Plasmid DNA. <i>Journal of Physical Chemistry B</i> , 2018, 122, 2449-2461.	2.6	12
68	Extensional Flow Behavior of Methylcellulose Solutions Containing Fibrils. <i>ACS Macro Letters</i> , 2018, 7, 347-352.	4.8	28
69	Gelation, Phase Separation, and Fibril Formation in Aqueous Hydroxypropylmethylcellulose Solutions. <i>Biomacromolecules</i> , 2018, 19, 816-824.	5.4	35
70	Computational Design of High- $\beta$ Block Oligomers for Accessing 1 nm Domains. <i>ACS Nano</i> , 2018, 12, 4351-4361.	14.6	25
71	Nanoscope Resolution of the Glass Transition within Spatially Inhomogeneous Polymer Mixtures. <i>ACS Central Science</i> , 2018, 4, 431-433.	11.3	0
72	Poly(alkyl methacrylate)-Grafted Polyolefins as Viscosity Modifiers for Engine Oil: A New Mechanism for Improved Performance. <i>Industrial &amp; Engineering Chemistry Research</i> , 2018, 57, 1840-1850.	3.7	19

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73	Complexation of DNA with Cationic Copolymer Micelles: Effects of DNA Length and Topology. <i>Macromolecules</i> , 2018, 51, 1150-1160.	4.8	31
74	Phase Behavior of Binary Polymer Blends Doped with Salt. <i>Macromolecules</i> , 2018, 51, 266-274.	4.8	29
75	Maintaining Hydrophobic Drug Supersaturation in a Micelle Corona Reservoir. <i>Macromolecules</i> , 2018, 51, 540-551.	4.8	35
76	Effect of Corona Block Length on the Structure and Chain Exchange Kinetics of Block Copolymer Micelles. <i>Macromolecules</i> , 2018, 51, 3563-3571.	4.8	37
77	Exchange Kinetics for a Single Block Copolymer in Micelles of Two Different Sizes. <i>Macromolecules</i> , 2018, 51, 2312-2320.	4.8	34
78	Toughening polylactide with a catalyzed epoxy-acid interfacial reaction. <i>Polymer Engineering and Science</i> , 2018, 58, 28-36.	3.1	9
79	Role of Chain Length in the Formation of Frank-Kasper Phases in Diblock Copolymers. <i>Physical Review Letters</i> , 2018, 121, 208002.	7.8	42
80	Effect of Poly(ethylene glycol) Grafting Density on Methylcellulose Fibril Formation. <i>Macromolecules</i> , 2018, 51, 9413-9421.	4.8	27
81	A new framework for X-ray photon correlation spectroscopy analysis from polycrystalline materials. <i>Review of Scientific Instruments</i> , 2018, 89, 123902.	1.3	5
82	Dynamics of a Supercooled Disordered Sphere-Forming Diblock Copolymer as Determined by X-ray Photon Correlation and Dynamic Mechanical Spectroscopies. <i>ACS Macro Letters</i> , 2018, 7, 1486-1491.	4.8	6
83	Molecular Weight Dependence of Methylcellulose Fibrillar Networks. <i>Macromolecules</i> , 2018, 51, 7767-7775.	4.8	34
84	Surface Plasmon Resonance Study of the Binding of PEO-PPO-PEO Triblock Copolymer and PEO Homopolymer to Supported Lipid Bilayers. <i>Langmuir</i> , 2018, 34, 6703-6712.	3.5	18
85	Preparation, Characterization, and Formulation Development of Drug-Drug Protic Ionic Liquids of Diphenhydramine with Ibuprofen and Naproxen. <i>Molecular Pharmaceutics</i> , 2018, 15, 4190-4201.	4.6	40
86	Precisely Tunable Sol-Gel Transition Temperature by Blending Thermoresponsive ABC Triblock Terpolymers. <i>ACS Macro Letters</i> , 2018, 7, 950-955.	4.8	20
87	<sup>19</sup> F Magnetic Resonance Imaging of Injectable Polymeric Implants with Multiresponsive Behavior. <i>Chemistry of Materials</i> , 2018, 30, 4892-4896.	6.7	22
88	Understanding the Molecular Weight Dependence of $\chi$ and the Effect of Dispersity on Polymer Blend Phase Diagrams. <i>Macromolecules</i> , 2018, 51, 3774-3787.	4.8	20
89	Packaging pDNA by Polymeric ABC Micelles Simultaneously Achieves Colloidal Stability and Structural Control. <i>Journal of the American Chemical Society</i> , 2018, 140, 11101-11111.	13.7	49
90	2-Hydroxyethylcellulose and Amphiphilic Block Polymer Conjugates Form Mechanically Tunable and Nonswellable Hydrogels. <i>ACS Macro Letters</i> , 2017, 6, 145-149.	4.8	35

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91	Impact of Polymer Excipient Molar Mass and End Groups on Hydrophobic Drug Solubility Enhancement. <i>Macromolecules</i> , 2017, 50, 1102-1112.	4.8	39
92	Complexation between DNA and Hydrophilic-Cationic Diblock Copolymers. <i>Journal of Physical Chemistry B</i> , 2017, 121, 2230-2243.	2.6	12
93	Enhanced Performance of Blended Polymer Excipients in Delivering a Hydrophobic Drug through the Synergistic Action of Micelles and HPMCAS. <i>Langmuir</i> , 2017, 33, 2837-2848.	3.5	38
94	One-pot synthesis of reactive oxygen species (ROS)-self-immolative polyoxalate prodrug nanoparticles for hormone dependent cancer therapy with minimized side effects. <i>Polymer Chemistry</i> , 2017, 8, 1999-2004.	3.9	27
95	Direct Observation of Nanostructures during Aqueous Dissolution of Polymer/Drug Particles. <i>Macromolecules</i> , 2017, 50, 3143-3152.	4.8	26
96	Robust Polymer Electrolyte Membranes with High Ambient-Temperature Lithium-Ion Conductivity via Polymerization-Induced Microphase Separation. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 14561-14565.	8.0	89
97	Molecular Alignment in Polyethylene during Cold Drawing Using In-Situ SANS and Raman Spectroscopy. <i>Macromolecules</i> , 2017, 50, 3627-3636.	4.8	33
98	Polymer Day: Outreach Experiments for High School Students. <i>Journal of Chemical Education</i> , 2017, 94, 1629-1638.	2.3	31
99	Equilibration of Micelle-Polyelectrolyte Complexes: Mechanistic Differences between Static and Annealed Charge Distributions. <i>Journal of Physical Chemistry B</i> , 2017, 121, 4631-4641.	2.6	12
100	Chemical End Group Modified Diblock Copolymers Elucidate Anchor and Chain Mechanism of Membrane Stabilization. <i>Molecular Pharmaceutics</i> , 2017, 14, 2333-2339.	4.6	28
101	Quantifying Binding of Ethylene Oxide-Propylene Oxide Block Copolymers with Lipid Bilayers. <i>Langmuir</i> , 2017, 33, 12624-12634.	3.5	31
102	Coil Dimensions of Poly(ethylene oxide) in an Ionic Liquid by Small-Angle Neutron Scattering. <i>Macromolecules</i> , 2017, 50, 8739-8744.	4.8	26
103	Conformation of Methylcellulose as a Function of Poly(ethylene glycol) Graft Density. <i>ACS Macro Letters</i> , 2017, 6, 1274-1279.	4.8	28
104	Self-Supporting, Hydrophobic, Ionic Liquid-Based Reference Electrodes Prepared by Polymerization-Induced Microphase Separation. <i>ACS Sensors</i> , 2017, 2, 1498-1504.	7.8	24
105	Effect of Branching and Molecular Weight on Heterogeneous Catalytic Deuterium Exchange in Polyolefins. <i>Macromolecules</i> , 2017, 50, 6849-6860.	4.8	12
106	Printable, Degradable, and Biocompatible Ion Gels from a Renewable ABA Triblock Polyester and a Low Toxicity Ionic Liquid. <i>ACS Macro Letters</i> , 2017, 6, 1083-1088.	4.8	41
107	Chain Exchange Kinetics of Asymmetric B <sub>1</sub> AB <sub>2</sub> Linear Triblock and AB <sub>1</sub> B <sub>2</sub> Branched Triblock Copolymers. <i>Macromolecules</i> , 2017, 50, 6303-6313.	4.8	15
108	In Situ Production of Graphene-Fiber Hybrid Structures. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 25474-25480.	8.0	12

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109	Complexation of Linear DNA and Poly(styrenesulfonate) with Cationic Copolymer Micelles: Effect of Polyanion Flexibility. <i>Journal of Physical Chemistry B</i> , 2017, 121, 6708-6720.	2.6	15
110	Celebrating 50 Years of <i>Macromolecules</i> . <i>Macromolecules</i> , 2017, 50, 9525-9527.	4.8	36
111	Multicompartment Micelles by Aqueous Self-Assembly of $\frac{1}{4}$ -A(BC) <sub>n</sub> Miktobrush Terpolymers. <i>ACS Omega</i> , 2016, 1, 1027-1033.	3.5	21
112	Chain Exchange Kinetics in Diblock Copolymer Micelles in Ionic Liquids: The Role of $\ddot{\text{I}}$ . <i>Macromolecules</i> , 2016, 49, 9542-9552.	4.8	39
113	Poly(methyl methacrylate)- <i>block</i> -poly( <i>n</i> -butyl methacrylate) Diblock Copolymer Micelles in an Ionic Liquid: Scaling of Core and Corona Size with Core Block Length. <i>Macromolecules</i> , 2016, 49, 3639-3646.	4.8	24
114	Molecular Simulation of Olefin Oligomer Blend Phase Behavior. <i>Macromolecules</i> , 2016, 49, 3975-3985.	4.8	28
115	Size Control and Fractionation of Ionic Liquid Filled Polymersomes with Glassy and Rubbery Bilayer Membranes. <i>Langmuir</i> , 2016, 32, 4959-4968.	3.5	13
116	Structure- $\leftrightarrow$ Conductivity Relationships in Ordered and Disordered Salt-Doped Diblock Copolymer/Homopolymer Blends. <i>Macromolecules</i> , 2016, 49, 6928-6939.	4.8	61
117	Comparison of Gel Relaxation Times and End-Block Pullout Times in ABA Triblock Copolymer Networks. <i>Macromolecules</i> , 2016, 49, 7340-7349.	4.8	27
118	Mechanically Tunable, Readily Processable Ion Gels by Self-Assembly of Block Copolymers in Ionic Liquids. <i>Accounts of Chemical Research</i> , 2016, 49, 2107-2114.	15.6	138
119	Impact of molecular weight and comonomer content on catalytic hydrogen-deuterium exchange in polyolefins. <i>Polymer</i> , 2016, 102, 99-105.	3.8	14
120	Tuning Cationic Block Copolymer Micelle Size by pH and Ionic Strength. <i>Biomacromolecules</i> , 2016, 17, 2849-2859.	5.4	63
121	Architecture-Dependent Stabilization of Polyelectrolyte Complexes between Polyanions and Cationic Triblock Terpolymer Micelles. <i>Macromolecules</i> , 2016, 49, 6644-6654.	4.8	21
122	Electrochemiluminescent displays based on ion gels: correlation between device performance and choice of electrolyte. <i>Journal of Materials Chemistry C</i> , 2016, 4, 8448-8453.	5.5	48
123	Nanoscale Concentration Quantification of Pharmaceutical Actives in Amorphous Polymer Matrices by Electron Energy-Loss Spectroscopy. <i>Langmuir</i> , 2016, 32, 7411-7419.	3.5	16
124	Phase Behavior of Diblock Copolymer- $\leftrightarrow$ Homopolymer Ternary Blends: Congruent First-Order Lamellar- $\leftrightarrow$ Disorder Transition. <i>Macromolecules</i> , 2016, 49, 7928-7944.	4.8	30
125	Thermoresponsive Polymers for Nuclear Medicine: Which Polymer Is the Best?. <i>Langmuir</i> , 2016, 32, 6115-6122.	3.5	40
126	Lithium Salt-Induced Microstructure and Ordering in Diblock Copolymer/Homopolymer Blends. <i>Macromolecules</i> , 2016, 49, 4839-4849.	4.8	48



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127	Formation of Multicompartment Ion Gels by Stepwise Self-Assembly of a Thermo-responsive ABC Triblock Terpolymer in an Ionic Liquid. <i>Macromolecules</i> , 2016, 49, 2298-2306.	4.8	46
128	Structure of poly(styrene- <i>b</i> -ethylene- <i>alt</i> - <i>b</i> -propylene) diblock copolymer micelles in binary solvent mixtures. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2016, 54, 22-31.	2.1	6
129	Multicolored, Low-Power, Flexible Electrochromic Devices Based on Ion Gels. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 6252-6260.	8.0	202
130	Anhydrous Proton Conducting Polymer Electrolyte Membranes via Polymerization-Induced Microphase Separation. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 6200-6210.	8.0	76
131	Structure, viscoelasticity, and interfacial dynamics of a model polymeric bicontinuous microemulsion. <i>Soft Matter</i> , 2016, 12, 53-66.	2.7	45
132	Permeability of Rubbery and Glassy Membranes of Ionic Liquid Filled Polymersome Nanoreactors in Water. <i>Journal of Physical Chemistry B</i> , 2015, 119, 15054-15062.	2.6	19
133	Interpolyelectrolyte Complexes of Polycationic Micelles and Linear Polyanions: Structural Stability and Temporal Evolution. <i>Journal of Physical Chemistry B</i> , 2015, 119, 15919-15928.	2.6	35
134	Photoreversible Gelation of a Triblock Copolymer in an Ionic Liquid. <i>Angewandte Chemie</i> , 2015, 127, 3061-3065.	2.0	12
135	Solution Processable, Electrochromic Ion Gels for Sub-1 V, Flexible Displays on Plastic. <i>Chemistry of Materials</i> , 2015, 27, 1420-1425.	6.7	219
136	Interfacial Tension-Hindered Phase Transfer of Polystyrene- <i>b</i> -poly(ethylene oxide) Polymersomes from a Hydrophobic Ionic Liquid to Water. <i>Langmuir</i> , 2015, 31, 594-601.	3.5	15
137	Influence of Composition Fluctuations on the Linear Viscoelastic Properties of Symmetric Diblock Copolymers near the Order-Disorder Transition. <i>ACS Macro Letters</i> , 2015, 4, 260-265.	4.8	12
138	Photoreversible Gelation of a Triblock Copolymer in an Ionic Liquid. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 3018-3022.	13.8	68
139	Evolution of Morphology, Modulus, and Conductivity in Polymer Electrolytes Prepared via Polymerization-Induced Phase Separation. <i>Macromolecules</i> , 2015, 48, 1418-1428.	4.8	82
140	Structure of Two-Compartment Hydrogels from Thermo-responsive ABC Triblock Terpolymers. <i>Macromolecules</i> , 2015, 48, 5934-5943.	4.8	23
141	Synergistic Increase in Ionic Conductivity and Modulus of Triblock Copolymer Ion Gels. <i>Macromolecules</i> , 2015, 48, 4942-4950.	4.8	89
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