Mitchell A Winnik

List of Publications by Year
in descending order

347 papers	18,786 citations	10986 71 h-index	17592 121 g-index
356 all docs	356 docs citations	356 times ranked	11841 citing authors

#	Article	IF	Citations
1	Cylindrical Block Copolymer Micelles and Co-Micelles of Controlled Length and Architecture. Science, 2007, 317, 644-647.	12.6	1,025
2	Monodisperse cylindrical micelles by crystallization-driven living self-assembly. Nature Chemistry, 2010, 2, 566-570.	13.6	537
3	Multidimensional hierarchical self-assembly of amphiphilic cylindrical block comicelles. Science, 2015, 347, 1329-1332.	12.6	443
4	THE Py SCALE OF SOLVENT POLARITIES. SOLVENT EFFECTS ON THE VIBRONIC FINE STRUCTURE OF PYRENE FLUORESCENCE and EMPIRICAL CORRELATIONS WITH E_T and Y VALUES. Photochemistry and Photobiology, 1982, 35, 17-21.	2.5	439
5	Complex and hierarchical micelle architectures from diblock copolymers using living, crystallization-driven polymerizations. Nature Materials, 2009, 8, 144-150.	27.5	429
6	Self-Assembly of Organometallic Block Copolymers:â€‰ The Role of Crystallinity of the Core-Forming Polyferrocene Block in the Micellar Morphologies Formed by Poly(ferrocenylsilane-b-dimethylsiloxane) in n-Alkane Solvents. Journal of the American Chemical Society, 2000, 122, 11577-11584.	13.7	356
7	Non-Centrosymmetric Cylindrical Micelles by Unidirectional Growth. Science, 2012, 337, 559-562.	12.6	342
8	Tailored hierarchical micelle architectures using living crystallization-driven self-assembly in two dimensions. Nature Chemistry, 2014, 6, 893-898.	13.6	329
9	Highly multiparametric analysis by mass cytometry. Journal of Immunological Methods, 2010, 361, 1-20.	1.4	328
10	Uniform patchy and hollow rectangular platelet micelles from crystallizable polymer blends. Science, 2016, 352, 697-701.	12.6	305
11	Self-Assembly of a Novel Organometallicâ^'Inorganic Block Copolymer in Solution and the Solid State:Â Nonintrusive Observation of Novel Wormlike Poly(ferrocenyldimethylsilane)-b-Poly(dimethylsiloxane) Micelles. Journal of the American Chemical Society, 1998, 120, 9533-9540.	13.7	303
12	Polymer-Based Elemental Tags for Sensitive Bioassays. Angewandte Chemie - International Edition, 2007, 46, 6111-6114.	13.8	247
13	Colour-tunable fluorescent multiblock micelles. Nature Communications, 2014, 5, 3372.	12.8	243
14	Cylindrical Micelles of Controlled Length with a Ï€-Conjugated Polythiophene Core via Crystallization-Driven Self-Assembly. Journal of the American Chemical Society, 2011, 133, 8842-8845.	13.7	235
15	Latex film formation. Current Opinion in Colloid and Interface Science, 1997, 2, 192-199.	7.4	234
16	Structureâ€Tuned Lead Halide Perovskite Nanocrystals. Advanced Materials, 2016, 28, 566-573.	21.0	215
17	Two-Stage Dispersion Polymerization toward Monodisperse, Controlled Micrometer-Sized Copolymer Particles. Journal of the American Chemical Society, 2004, 126, 6562-6563.	13.7	198
18	Influence of the Interplay of Crystallization and Chain Stretching on Micellar Morphologies:Â Solution Self-Assembly of Coilâ^'Crystalline Poly(isoprene-block-ferrocenylsilane). Macromolecules, 2002, 35, 8258-8260.	4.8	192

#	Article	IF	Citations
19	Monodisperse Fiber-like Micelles of Controlled Length and Composition with an Oligo(p-phenylenevinylene) Core via â€œLivingâ€•Crystallization-Driven Self-Assembly. Journal of the American Chemical Society, 2017, 139, 7136-7139.	13.7	187
20	Uniform, High Aspect Ratio Fiber-like Micelles and Block Co-micelles with a Crystalline Ï€-Conjugated Polythiophene Core by Self-Seeding. Journal of the American Chemical Society, 2014, 136, 4121-4124.	13.7	181
21	Two-dimensional assemblies from crystallizable homopolymers with charged termini. Nature Materials, 2017, 16, 481-488.	27.5	179
22	Molecular aspects of latex film formation: an energy-transfer study. Macromolecules, 1990, 23, 4082-4087.	4.8	168
23	Molecular diffusion and latex film formation: An analysis of direct nonradiative energy transfer experiments. Journal of Chemical Physics, 1991, 95, 2143-2153.	3.0	153
24	Cross-Linked, Monodisperse, Micron-Sized Polystyrene Particles by Two-Stage Dispersion Polymerization. Macromolecules, 2005, 38, 8300-8307.	4.8	151
25	Selfâ€Seeding in One Dimension: An Approach To Control the Length of Fiberlike Polyisopreneâ€“Polyferrocenylsilane Block Copolymer Micelles. Angewandte Chemie - International Edition, 2011, 50, 1622-1625.	13.8	141
26	Cylindrical Block Co-Micelles with Spatially Selective Functionalization by Nanoparticles. Journal of the American Chemical Society, 2007, 129, 12924-12925.	13.7	140
27	A Water-Soluble pH-Responsive Molecular Brush of Poly(N,N-dimethylaminoethyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10	4.8	138
28	Nanofiber micelles from the self-assembly of block copolymers. Trends in Biotechnology, 2010, 28, 84-92.	9.3	132
29	Synthesis, Characterization, and Rheological Behavior of Polyethylene Glycols End-Capped with Fluorocarbon Hydrophobes. Langmuir, 1997, 13, 2447-2456.	3.5	130
30	Evolution of Selfâ€Assembled Structures of Polymerâ€Terminated Gold Nanorods in Selective Solvents. Advanced Materials, 2008, 20, 4318-4322.	21.0	124
31	Redox-Induced Synthesis and Encapsulation of Metal Nanoparticles in Shell-Cross-Linked Organometallic Nanotubes. Journal of the American Chemical Society, 2005, 127, 8924-8925.	13.7	120
32	Uniform electroactive fibre-like micelle nanowires for organic electronics. Nature Communications, 2017, 8, 15909.	12.8	120
33	Development of analytical methods for multiplex bio-assay with inductively coupled plasma mass spectrometry. Journal of Analytical Atomic Spectrometry, 2008, 23, 463.	3.0	115
34	Redox-Mediated Synthesis and Encapsulation of Inorganic Nanoparticles in Shell-Cross-Linked Cylindrical Polyferrocenylsilane Block Copolymer Micelles. Journal of the American Chemical Society, 2008, 130, 12921-12930.	13.7	115
35	Copolymerization propagation kinetics of styrene with alkyl acrylates. Polymer International, 1991, 24, 65-70.	3.1	113
36	Monodisperse Cylindrical Micelles of Controlled Length with a Liquidâ€Crystalline Perfluorinated Core by 1D â€œSelfâ€Seedingâ€• Angewandte Chemie - International Edition, 2016, 55, 11392-11396.	13.8	108

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37	Shell-Cross-Linked Cylindrical Polyisoprene-b-Polyferrocenylsilane (PI-b-PFS) Block Copolymer Micelles:Â One-Dimensional (1D) Organometallic Nanocylinders. Journal of the American Chemical Society, 2007, 129, 5630-5639.	13.7	105
38	Pointedâ€Ovalâ€Shaped Micelles from Crystallineâ€Coil Block Copolymers by Crystallizationâ€Driven Living Selfâ€Assembly. Angewandte Chemie - International Edition, 2010, 49, 8220-8223.	13.8	105
39	Synthesis of a Functional Metal-Chelating Polymer and Steps toward Quantitative Mass Cytometry Bioassays. Analytical Chemistry, 2010, 82, 8961-8969.	6.5	105
40	Fluorescent â€œBarcodeâ€•Multiblock Co-Micelles via the Living Self-Assembly of Di- and Triblock Copolymers with a Crystalline Core-Forming Metalloblock. Journal of the American Chemical Society, 2011, 133, 9095-9103.	13.7	102
41	Synthesis and Characterization of Pyrene-Labeled Poly(ethylenimine). Macromolecules, 1998, 31, 6855-6864.	4.8	101
42	Branched Micelles by Living Crystallization-Driven Block Copolymer Self-Assembly under Kinetic Control. Journal of the American Chemical Society, 2015, 137, 2375-2385.	13.7	101
43	Fabrication of Continuous and Segmented Polymer/Metal Oxide Nanowires Using Cylindrical Micelles and Block Comicelles as Templates. Advanced Materials, 2009, 21, 1805-1808.	21.0	99
44	Complex and Hierarchical 2D Assemblies via Crystallization-Driven Self-Assembly of Poly(<scp>l</scp>-lactide) Homopolymers with Charged Termini. Journal of the American Chemical Society, 2017, 139, 9221-9228.	13.7	99
45	Organometallic Nanostructures: Self-Assembly of Poly(ferrocene) Block Copolymers. Advanced Materials, 1998, 10, 1559-1562.	21.0	98
46	Self-Seeding in One Dimension: A Route to Uniform Fiber-like Nanostructures from Block Copolymers with a Crystallizable Core-Forming Block. ACS Nano, 2013, 7, 3754-3766.	14.6	98
47	Water-Soluble CdSe Quantum Dots Passivated by a Multidentate Diblock Copolymer. Macromolecules, 2007, 40, 6377-6384.	4.8	95
48	Fiber-like Micelles via the Crystallization-Driven Solution Self-Assembly of Poly(3-hexylthiophene)-block-Poly(methyl methacrylate) Copolymers. Macromolecules, 2012, 45, 5806-5815.	4.8	95
49	Multi-Armed Micelles and Block Co-micelles via Crystallization-Driven Self-Assembly with Homopolymer Nanocrystals as Initiators. Journal of the American Chemical Society, 2013, 135, 12180-12183.	13.7	94
50	Gradient Crystallization-Driven Self-Assembly: Cylindrical Micelles with â€œPatchyâ€•Segmented Coronas via the Coassembly of Linear and Brush Block Copolymers. Journal of the American Chemical Society, 2014, 136, 13835-13844.	13.7	94
51	Crystallization-Driven Self-Assembly of Block Copolymers with a Short Crystallizable Core-Forming Segment: Controlling Micelle Morphology through the Influence of Molar Mass and Solvent Selectivity. Macromolecules, 2014, 47, 2361-2372.	4.8	93
52	Non-covalent synthesis of supermicelles with complex architectures using spatially confined hydrogen-bonding interactions. Nature Communications, 2015, 6, 8127.	12.8	93
53	Determination of propagation rate constants for the copolymerization of methymethacrylate and styrene using a pulsed laser technique. Journal of Polymer Science, Part C: Polymer Letters, 1989, 27, 181-185.	0.7	92
54	Synthesis and Self-Assembly of Poly(ferrocenyldimethylsilane-b-2-vinylpyridine) Diblock Copolymers. Macromolecules, 2007, 40, 3784-3789.	4.8	92

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55	Lanthanide-Containing Polymer Microspheres by Multiple-Stage Dispersion Polymerization for Highly Multiplexed Bioassays. Journal of the American Chemical Society, 2009, 131, 15276-15283.	13.7	92
56	Intratumorally Injected ¹⁷⁷Lu-Labeled Gold Nanoparticles: Gold Nanoseed Brachytherapy with Application for Neoadjuvant Treatment of Locally Advanced Breast Cancer. Journal of Nuclear Medicine, 2016, 57, 936-942.	5.0	92
57	Probing the Structure of the Crystalline Core of Field-Aligned, Monodisperse, Cylindrical Polyisoprene-block-Polyferrocenylsilane Micelles in Solution Using Synchrotron Small- and Wide-Angle X-ray Scattering. Journal of the American Chemical Society, 2011, 133, 17056-17062.	13.7	91
58	Dimensional Control of Block Copolymer Nanofibers with a Ï€â€Conjugated Core: Crystallizationâ€Driven Solution Selfâ€Assembly of Amphiphilic Poly(3â€hexylthiophene)â€bâ€poly(2â€vinylpyridine). Chemistry - A European Journal, 2013, 19, 9186-9197.	3.3	91
59	A Micellar Sphere-to-Cylinder Transition of Poly(ferrocenyldimethylsilane-b-2-vinylpyridine) in a Selective Solvent Driven by Crystallization. Macromolecules, 2008, 41, 4380-4389.	4.8	90
60	Monodisperse Cylindrical Micelles and Block Comicelles of Controlled Length in Aqueous Media. Journal of the American Chemical Society, 2016, 138, 4484-4493.	13.7	90
61	Shell Cross-Linked Cylinders of Polyisoprene-b-ferrocenyldimethylsilane:Â Formation of Magnetic Ceramic Replicas and Microfluidic Channel Alignment and Patterning. Journal of the American Chemical Society, 2003, 125, 12686-12687.	13.7	88
62	Effect of Water on Polymer Diffusion in Latex Films. Macromolecules, 1997, 30, 4324-4331.	4.8	87
63	Fluorescent Probe Studies of the Association in an Aqueous Solution of a Hydrophobically Modified Poly(ethylene oxide). Macromolecules, 1998, 31, 8998-9007.	4.8	84
64	Fragmentation of Fiberlike Structures: Sonication Studies of Cylindrical Block Copolymer Micelles and Behavioral Comparisons to Biological Fibrils. Journal of the American Chemical Society, 2008, 130, 14763-14771.	13.7	84
65	Functional latex and thermoset latex films. Journal of Coatings Technology Research, 2004, 1, 163-190.	2.5	83
66	Polymer/Silica Composite Films as Luminescent Oxygen Sensors. Macromolecules, 2001, 34, 1917-1927.	4.8	81
67	Lanthanide-Containing Polymer Nanoparticles for Biological Tagging Applications:â€‰ Nonspecific Endocytosis and Cell Adhesion. Journal of the American Chemical Society, 2007, 129, 13653-13660.	13.7	78
68	Uniform â€œPatchyâ€•Platelets by Seeded Heteroepitaxial Growth of Crystallizable Polymer Blends in Two Dimensions. Journal of the American Chemical Society, 2017, 139, 4409-4417.	13.7	78
69	Reversible Cross-Linking of Polyisoprene Coronas in Micelles, Block Comicelles, and Hierarchical Micelle Architectures Using Pt(0)â€“Olefin Coordination. Journal of the American Chemical Society, 2011, 133, 16947-16957.	13.7	75
70	Flowable networks as DNA sequencing media in capillary columns. Electrophoresis, 1996, 17, 1451-1459.	2.4	74
71	A design strategy for the hierarchical fabrication of colloidal hybrid mesostructures. Nature Communications, 2014, 5, 3882.	12.8	73
72	Monodisperse Micrometer-Size Carboxyl-Functionalized Polystyrene Particles Obtained by Two-Stage Dispersion Polymerization. Macromolecules, 2006, 39, 5729-5737.	4.8	72

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73	Tunable Supermicelle Architectures from the Hierarchical Selfâ€Assembly of Amphiphilic Cylindrical Bâ€“Aâ€“B Triblock Coâ€Micelles. Angewandte Chemie - International Edition, 2012, 51, 11882-11885.	13.8	72
74	Effect of surface acid group neutralization on interdiffusion rates in latex films. Macromolecules, 1994, 27, 1007-1012.	4.8	71
75	Influence of Chain Length and Salt Concentration on Block Copolymer Micellization. Macromolecules, 1997, 30, 4911-4919.	4.8	70
76	Radiation Nanomedicine for EGFR-Positive Breast Cancer: Panitumumab-Modified Gold Nanoparticles Complexed to the Î²-Particle-Emitter, ¹⁷⁷Lu. Molecular Pharmaceutics, 2015, 12, 3963-3972.	4.6	67
77	Self-Seeding of Block Copolymers with a Ï€-Conjugated Oligo(p-phenylenevinylene) Segment: A Versatile Route toward Monodisperse Fiber-like Nanostructures. Macromolecules, 2018, 51, 2065-2075.	4.8	67
78	Self-Assembled Organometallic Block Copolymer Nanotubes. Angewandte Chemie - International Edition, 2000, 39, 3862-3865.	13.8	66
79	Synthesis and Aqueous Self-Assembly of a Polyferrocenylsilane-block-poly(aminoalkyl methacrylate) Diblock Copolymer. Macromolecular Rapid Communications, 2002, 23, 210-213.	3.9	65
80	Light Scattering Study of Rigid, Rodlike Organometallic Block Copolymer Micelles in Dilute Solution. Macromolecules, 2005, 38, 7819-7827.	4.8	64
81	Crystallization-Driven Solution Self-Assembly of Block Copolymers with a Photocleavable Junction. Journal of the American Chemical Society, 2015, 137, 2203-2206.	13.7	64
82	Probing the Scope of Crystallization-Driven Living Self-Assembly: Studies of Diblock Copolymer Micelles with a Polyisoprene Corona and a Crystalline Poly(ferrocenyldiethylsilane) Core-Forming Metalloblock. Macromolecules, 2011, 44, 3777-3786.	4.8	63
83	Continuous and Segmented Semiconducting Fiberâ€like Nanostructures with Spatially Selective Functionalization by Living Crystallizationâ€Driven Selfâ€Assembly. Angewandte Chemie - International Edition, 2020, 59, 8232-8239.	13.8	63
84	Swellable, Redox-Active Shell-Crosslinked Organometallic Nanotubes. Angewandte Chemie - International Edition, 2004, 43, 3703-3707.	13.8	62
85	Hierarchical Assembly of Cylindrical Block Comicelles Mediated by Spatially Confined Hydrogen-Bonding Interactions. Journal of the American Chemical Society, 2016, 138, 12902-12912.	13.7	62
86	Study of polymer diffusion across the interface in latex films through direct energy transfer experiments. Journal of Chemical Physics, 1994, 101, 9096-9103.	3.0	61
87	Effect of Cross-Linking on Polymer Diffusion in Poly(butyl methacrylate-co-butyl acrylate) Latex Films. Macromolecules, 1999, 32, 6102-6110.	4.8	61
88	Solution Self-Assembly of Blends of Crystalline-Coil Polyferrocenylsilane-block-polyisoprene with Crystallizable Polyferrocenylsilane Homopolymer. Macromolecules, 2015, 48, 707-716.	4.8	61
89	Local Radiation Treatment of HER2-Positive Breast Cancer Using Trastuzumab-Modified Gold Nanoparticles Labeled with 177Lu. Pharmaceutical Research, 2017, 34, 579-590.	3.5	61
90	Probing the Growth Kinetics for the Formation of Uniform 1D Block Copolymer Nanoparticles by Living Crystallization-Driven Self-Assembly. ACS Nano, 2018, 12, 8920-8933.	14.6	60

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91	Branched Cylindrical Micelles via Crystallization-Driven Self-Assembly. Journal of the American Chemical Society, 2013, 135, 17739-17742.	13.7	59
92	Fluorescent polymer particles by emulsion and miniemulsion polymerization. Journal of Polymer Science Part A, 2003, 41, 766-778.	2.3	58
93	â€œCrossâ€•Supermicelles via the Hierarchical Assembly of Amphiphilic Cylindrical Triblock Comicelles. Journal of the American Chemical Society, 2016, 138, 4087-4095.	13.7	58
94	Interaction of Pyrene-Labeled Poly(ethylene imine) with Sodium Dodecyl Sulfate in Aqueous Solution. Macromolecules, 1999, 32, 624-632.	4.8	55
95	Organometallicâ^'Polypeptide Block Copolymers:Â Synthesis and Properties of Poly(ferrocenyldimethylsilane)-b-poly- (Ï³-benzyl-l-glutamate). Macromolecules, 2005, 38, 4958-4961.	4.8	55
96	Influence of Solvent Polarity on the Self-Assembly of the Crystallineâ€“Coil Diblock Copolymer Polyferrocenylsilane-b-polyisoprene. Macromolecules, 2011, 44, 6136-6144.	4.8	55
97	Surfactant exudation in the presence of a coalescing aid in latex films studied by atomic force microscopy1. Journal of Polymer Science, Part B: Polymer Physics, 1995, 33, 1123-1133.	2.1	53
98	Phosphorescent oxygen sensors utilizing sulfur-nitrogen-phosphorus polymer matrices. Advanced Materials, 1996, 8, 768-771.	21.0	53
99	End-to-End Coupling and Network Formation Behavior of Cylindrical Block Copolymer Micelles with a Crystalline Polyferrocenylsilane Core. Journal of the American Chemical Society, 2011, 133, 11220-11230.	13.7	53
100	Loading quantum dots into thermo-responsive microgels by reversible transfer from organic solvents to water. Journal of Materials Chemistry, 2008, 18, 763.	6.7	52
101	Formation of Lenticular Platelet Micelles via the Interplay of Crystallization and Chain Stretching: Solution Self-Assembly of Poly(ferrocenyldimethylsilane)-block-poly(2-vinylpyridine) with a Crystallizable Core-Forming Metalloblock. Macromolecules, 2012, 45, 3883-3891.	4.8	52
102	Metal-Chelating Polymers by Anionic Ring-Opening Polymerization and Their Use in Quantitative Mass Cytometry. Biomacromolecules, 2012, 13, 2359-2369.	5.4	51
103	Competitive Self-Assembly Kinetics as a Route To Control the Morphology of Core-Crystalline Cylindrical Micelles. Journal of the American Chemical Society, 2018, 140, 2619-2628.	13.7	51
104	INTRAMOLECULAR EXCIMER FLUORESCENCE: A NEW PROBE OF PHASE TRANSITIONS IN SYNTHETIC PHOSPHOLIPID MEMBRANES. Photochemistry and Photobiology, 1980, 31, 539-545.	2.5	50
105	Characterization of pyrene end-labeled poly(ethylene glycol) by high resolution MALDI time-of-flight mass spectrometry. Macromolecular Rapid Communications, 1996, 17, 59-64.	3.9	47
106	Polypyrrole nanoparticles as a thermal transducer of NIR radiation in hot-melt adhesives. Journal of Materials Chemistry, 2007, 17, 4309.	6.7	47
107	Investigating the influence of block copolymer micelle length on cellular uptake and penetration in a multicellular tumor spheroid model. Nanoscale, 2021, 13, 280-291.	5.6	47
108	The Interaction of Sodium Dodecylsulfate with (Hydroxypropyl)Cellulose. Polymer Journal, 1990, 22, 482-488.	2.7	46

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109	Curious Results with Palladium- and Platinum-Carrying Polymers in Mass Cytometry Bioassays and an Unexpected Application as a Dead Cell Stain. Biomacromolecules, 2011, 12, 3997-4010.	5.4	46
110	Formation and crosslinking of latex films through the reaction of acetoacetoxy groups with diamines under ambient conditions. Journal of Coatings Technology, 1998, 70, 57-68.	0.7	45
111	Improving Lanthanide Nanocrystal Colloidal Stability in Competitive Aqueous Buffer Solutions using Multivalent PEG-Phosphonate Ligands. Langmuir, 2012, 28, 12861-12870.	3.5	44
112	A microphase model for sterically stabilized polymer colloids: Fluorescence energy transfer from naphthalene-labeled dispersions. Journal of Polymer Science, Polymer Letters Edition, 1983, 21, 1011-1018.	0.4	43
113	Metal-containing polystyrene beads as standards for mass cytometry. Journal of Analytical Atomic Spectrometry, 2010, 25, 260.	3.0	43
114	Microfibres and macroscopic films from the coordination-driven hierarchical self-assembly of cylindrical micelles. Nature Communications, 2016, 7, 12371.	12.8	43
115	Film Formation and Polymer Diffusion in Poly(vinyl acetate-co-butyl acrylate) Latex Films. Temperature Dependence. Macromolecules, 2003, 36, 5804-5814.	4.8	42
116	Effect of Hard Polymer Filler Particles on Polymer Diffusion in a Low-TgLatex Film. Macromolecules, 1998, 31, 5290-5299.	4.8	41
117	Solution characterization of the novel organometallic polymer poly(ferrocenyldimethylsilane). Journal of Polymer Science, Part B: Polymer Physics, 2000, 38, 3032-3041.	2.1	41
118	Polymer Diffusion in PBMA Latex Films Using a Polymerizable Benzophenone Derivative as an Energy Transfer Acceptor. Macromolecules, 2003, 36, 8749-8760.	4.8	40
119	Pulsed Field Gradient NMR Studies of Polymer Adsorption on Colloidal CdSe Quantum Dots. Journal of Physical Chemistry B, 2008, 112, 1626-1633.	2.6	40
120	Interdiffusion vs Cross-Linking Rates in Isobutoxyacrylamide-Containing Latex Coatings. Macromolecules, 2001, 34, 7306-7314.	4.8	39
121	Synthesis and Solution Self-Assembly of Coilâ^'Crystallineâ^'Coil Polyferrocenylphosphine-b-polyferrocenylsilane-b-polysiloxane Triblock Copolymers. Macromolecules, 2002, 35, 9146-9150.	4.8	39
122	Modular Synthesis of Polyferrocenylsilane Block Copolymers by Cu-Catalyzed Alkyne/Azide â€œClickâ€• Reactions. Macromolecules, 2013, 46, 1296-1304.	4.8	39
123	Quantification of Surface Ligands on NaYF4 Nanoparticles by Three Independent Analytical Techniques. Chemistry of Materials, 2015, 27, 4899-4910.	6.7	39
124	Synthesis of Uniform NaLnF₄ (Ln: Sm to Ho) Nanoparticles for Mass Cytometry. Journal of Physical Chemistry C, 2016, 120, 6269-6280.	3.1	39
125	Panitumumab Modified with Metal-Chelating Polymers (MCP) Complexed to ¹¹¹In and ¹⁷⁷Luâ€”An EGFR-Targeted Theranostic for Pancreatic Cancer. Molecular Pharmaceutics, 2018, 15, 1150-1159.	4.6	39
126	Explosive dissolution and trapping of block copolymer seed crystallites. Nature Communications, 2018, 9, 1158.	12.8	39

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127	Synthesis and self-assembly of dendritic-helical block copolypeptides. Soft Matter, 2006, 2, 957.	2.7	38
128	Templated Fabrication of Fiber-Basket Polymersomes via Crystallization-Driven Block Copolymer Self-Assembly. Journal of the American Chemical Society, 2014, 136, 16676-16682.	13.7	38
129	Synthesis of PMMA Microparticles with a Narrow Size Distribution by Photoinitiated RAFT Dispersion Polymerization with a Macromonomer as the Stabilizer. Macromolecules, 2014, 47, 6856-6866.	4.8	38
130	Transformation and patterning of supermicelles using dynamic holographic assembly. Nature Communications, 2015, 6, 10009.	12.8	38
131	Rodlike Block Copolymer Micelles of Controlled Length in Water Designed for Biomedical Applications. Macromolecules, 2019, 52, 5231-5244.	4.8	38
132	Synergistic self-seeding in one-dimension: a route to patchy and block comicelles with uniform and controllable length. Chemical Science, 2019, 10, 2280-2284.	7.4	38
133	Influence of a coalescing aid on polymer diffusion in poly(butyl methacrylate) latex films. Die Makromolekulare Chemie Rapid Communications, 1993, 14, 345-349.	1.1	37
134	Uniform 1D Micelles and Patchy & Block Comicelles via Scalable, One-Step Crystallization-Driven Block Copolymer Self-Assembly. Journal of the American Chemical Society, 2021, 143, 6266-6280.	13.7	37
135	Copolymerization kinetics of 4-methoxystyrene with methyl methacrylate and 4-methoxystyrene with styrene: A test of the penultimate model. Journal of Polymer Science Part A, 1990, 28, 2097-2106.	2.3	36
136	Cross-Linking, Miscibility, and Interface Structure in Blends of Poly(2-ethylhexyl methacrylate) Copolymers. An Energy Transfer Study. Macromolecules, 2000, 33, 5850-5862.	4.8	36
137	Solvent penetration and photoresist dissolution: A fluorescence quenching and interferometry study. Journal of Applied Polymer Science, 1988, 35, 2099-2116.	2.6	35
138	Kinetics of Fusion and Fragmentation Nonionic Micelles:Â Triton X-100. Langmuir, 1999, 15, 4697-4700.	3.5	35
139	Effect of Gel Content on Polymer Diffusion in Poly(vinyl acetate-co-dibutyl maleate) Latex Films. Macromolecules, 2004, 37, 4247-4253.	4.8	35
140	Fiberâ€Like Micelles from the Crystallizationâ€Driven Selfâ€Assembly of Poly(3â€heptylselenophene)â€blockâ€Polystyrene. Macromolecular Chemistry and Physics, 2015, 216, 685-695.	2.2	35
141	MicroPET/CT imaging of patient-derived pancreatic cancer xenografts implanted subcutaneously or orthotopically in NOD-scid mice using 64Cu-NOTA-panitumumab F(ab')2 fragments. Nuclear Medicine and Biology, 2015, 42, 71-77.	0.6	35
142	Dye distribution in fluorescent-labeled latex prepared by emulsion polymerization. Journal of Polymer Science Part A, 1994, 32, 1497-1505.	2.3	34
143	Phosphorescent Oxygen Sensors Utilizing Sulfurâ^'Nitrogenâ^'Phosphorus Polymer Matrixes:Â Synthesis, Characterization, and Evaluation of Poly(thionylphosphazene)-b-Poly(tetrahydrofuran) Block Copolymers. Analytical Chemistry, 2000, 72, 1894-1904.	6.5	34
144	Surface Functionalization Methods To Enhance Bioconjugation in Metal-Labeled Polystyrene Particles. Macromolecules, 2011, 44, 4801-4813.	4.8	34

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145	Synthesis of Polyglutamide-Based Metal-Chelating Polymers and Their Site-Specific Conjugation to Trastuzumab for Auger Electron Radioimmunotherapy. Biomacromolecules, 2014, 15, 2027-2037.	5.4	34
146	Lanthanide nanoparticles for high sensitivity multiparameter single cell analysis. Chemical Science, 2019, 10, 2965-2974.	7.4	34
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