Mitchell A Winnik

List of Publications by Year
in descending order

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347 papers	18,786 citations	12597 71 h-index	20023 121 g-index
356 all docs	356 docs citations	356 times ranked	13457 citing authors

#	Article	IF	Citations
1	Monitoring the reaction kinetics of waterborne 2â€pack polyurethane coatings in the dispersion and during film formation. Canadian Journal of Chemical Engineering, 2022, 100, 703-713.	0.9	2
2	Influence of intraparticle cross-linking on polymer diffusion in latex films prepared from secondary dispersions. Progress in Organic Coatings, 2022, 164, 106691.	1.9	4
3	The role of cooling rate in crystallization-driven block copolymer self-assembly. Chemical Science, 2022, 13, 396-409.	3.7	8
4	Probing the Analogy between Living Crystallization-Driven Self-Assembly and Living Covalent Polymerizations: Length-Independent Growth Behavior for 1D Block Copolymer Nanofibers. Macromolecules, 2022, 55, 359-369.	2.2	11
5	Polymeric dipicolylamine based mass tags for mass cytometry. Chemical Science, 2022, 13, 3233-3243.	3.7	11
6	Biotinylated Lipid-Coated NaLnF₄ Nanoparticles: Demonstrating the Use of Lanthanide Nanoparticle-Based Reporters in Suspension and Imaging Mass Cytometry. Langmuir, 2022, 38, 2525-2537.	1.6	2
7	Effect of Excess Ligand on the Reverse Microemulsion Silica Coating of NaLnF₄ Nanoparticles. Langmuir, 2022, 38, 3316-3326.	1.6	3
8	An Enzymeâ€Like Activity Nanoprobe Based on Fe(III)â€“Rutin Hydrate Biomineral for MR Imaging and Therapy of Triple Negative Breast Cancer. Advanced Functional Materials, 2022, 32, .	7.8	17
9	Changing Surface Polyethylene Glycol Architecture Affects Elongated Nanoparticle Penetration into Multicellular Tumor Spheroids. Biomacromolecules, 2022, 23, 3296-3307.	2.6	1
10	Investigating the influence of block copolymer micelle length on cellular uptake and penetration in a multicellular tumor spheroid model. Nanoscale, 2021, 13, 280-291.	2.8	47
11	Crystallization-Driven Self-Assembly of a Block Copolymer with Amphiphilic Pendant Groups. Macromolecules, 2021, 54, 930-940.	2.2	17
12	Influence of the Sodium Precursor on the Cubic-to-Hexagonal Phase Transformation and Controlled Preparation of Uniform NaNdF₄ Nanoparticles. Langmuir, 2021, 37, 2146-2152.	1.6	5
13	Spheruliteâ€Like Micelles. Angewandte Chemie, 2021, 133, 11045-11051.	1.6	4
14	Spheruliteâ€Like Micelles. Angewandte Chemie - International Edition, 2021, 60, 10950-10956.	7.2	15
15	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.	6.6	37
16	Site-Specific Conjugation of Metal-Chelating Polymers to Anti-Frizzled-2 Antibodies via Microbial Transglutaminase. Biomacromolecules, 2021, 22, 2491-2504.	2.6	0
17	Control of Metal Content in Polystyrene Microbeads Prepared with Metal Complexes of DTPA Derivatives. Chemistry of Materials, 2021, 33, 3802-3813.	3.2	4
18	A Silica Coating Approach to Enhance Bioconjugation on Metal-Encoded Polystyrene Microbeads for Bead-Based Assays in Mass Cytometry. Langmuir, 2021, 37, 8240-8252.	1.6	4

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19	Self-Seeding of Oligo(p-phenylenevinylene)-b-poly(2-vinylpyridine) Micelles: Effect of Metal Ions. Macromolecules, 2021, 54, 6705-6717.	2.2	18
20	Film Formation of Waterborne 2K Polyurethanes: Effect of Polyols Containing Different Carboxylic Acid Content. Macromolecules, 2021, 54, 7943-7954.	2.2	2
21	Block copolymer self-assembly: Polydisperse corona-forming blocks leading to uniform morphologies. CheM, 2021, 7, 2800-2821.	5.8	28
22	In-Depth Analysis of the Effect of Fragmentation on the Crystallization-Driven Self-Assembly Growth Kinetics of 1D Micelles Studied by Seed Trapping. Polymers, 2021, 13, 3122.	2.0	2
23	An Amphiphilic Corona-Forming Block Promotes Formation of a Variety of 2D Platelets via Crystallization-Driven Block Copolymer Self-Assembly. Macromolecules, 2021, 54, 9761-9772.	2.2	12
24	Scratching the Surface (Modification): Developing a Quantitative Liquid Chromatographyâ€“Tandem Mass Spectrometry Method for the Investigation of PEGylated and Non-PEGylated Lipid Mixtures on Lipid-Coated Lanthanide Nanoparticles. Langmuir, 2021, 37, 14605-14613.	1.6	3
25	Mechanistic study of the formation of fiber-like micelles with a Ï€-conjugated oligo(p-phenylenevinylene) core. Journal of Colloid and Interface Science, 2020, 560, 50-58.	5.0	11
26	Metal-Encoded Polystyrene Microbeads as a Mass Cytometry Calibration/Normalization Standard Covering Channels from Yttrium (89 amu) to Bismuth (209 amu). Analytical Chemistry, 2020, 92, 999-1006.	3.2	17
27	A comparison of DFO and DFO* conjugated to trastuzumab-DM1 for complexing 89Zr â€“ In vitro stability and in vivo microPET/CT imaging studies in NOD/SCID mice with HER2-positive SK-OV-3 human ovarian cancer xenografts. Nuclear Medicine and Biology, 2020, 84-85, 11-19.	0.3	16
28	Crystallization-Driven Self-Assembly of Amphiphilic Triblock Terpolymers With Two Corona-Forming Blocks of Distinct Hydrophilicities. Macromolecules, 2020, 53, 6576-6588.	2.2	11
29	Monitoring Polymer Diffusion in a Waterborne 2K Polyurethane Formulation Based on an Acrylic Polyol Latex. Macromolecules, 2020, 53, 10744-10753.	2.2	7
30	Understanding the Dissolution and Regrowth of Core-Crystalline Block Copolymer Micelles: A Scaling Approach. Macromolecules, 2020, 53, 10198-10211.	2.2	11
31	Water-Dispersible, Colloidally Stable, Surface-Functionalizable Uniform Fiberlike Micelles Containing a Ï€-Conjugated Oligo(p-phenylenevinylene) Core of Controlled Length. Macromolecules, 2020, 53, 8009-8019.	2.2	20
32	Functionalization of Cellulose Nanocrystals with POEGMA Copolymers via Copper-Catalyzed Azideâ€“Alkyne Cycloaddition for Potential Drug-Delivery Applications. Biomacromolecules, 2020, 21, 2014-2023.	2.6	14
33	Enabling Indium Channels for Mass Cytometry by Using Reinforced Cyclam-Based Chelating Polylysine. Bioconjugate Chemistry, 2020, 31, 2103-2115.	1.8	12
34	Characterization of an Aqueous Dispersion of a Hydrophilic Polyisocyanate for Waterborne Two-Pack Polyurethane Coatings. ACS Applied Polymer Materials, 2020, 2, 1491-1499.	2.0	15
35	Single-step self-assembly to uniform fiber-like core-crystalline block copolymer micelles. Chemical Communications, 2020, 56, 4595-4598.	2.2	8
36	Tantalum Oxide Nanoparticle-Based Mass Tag for Mass Cytometry. Analytical Chemistry, 2020, 92, 5741-5749.	3.2	19

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37	Dual-Receptor-Targeted (DRT) Radiation Nanomedicine Labeled with ¹⁷⁷Lu Is More Potent for Killing Human Breast Cancer Cells That Coexpress HER2 and EGFR Than Single-Receptor-Targeted (SRT) Radiation Nanomedicines. Molecular Pharmaceutics, 2020, 17, 1226-1236.	2.3	14
38	How a Small Change of Oligo(p-phenylenevinylene) Chain Length Affects Self-Seeding of Oligo(p-phenylenevinylene)-Containing Block Copolymers. Macromolecules, 2020, 53, 1831-1841.	2.2	24
39	Synthesis of a metal-chelating polymer with NOTA pendants as a carrier for 64Cu, intended for radioimmunotherapy. European Polymer Journal, 2020, 125, 109501.	2.6	2
40	Herbert Morawetz and the First Nonradiative Energy Transfer Studies of Miscibility in Polymer Blends. Macromolecules, 2020, 53, 1881-1883.	2.2	1
41	Solvent effects leading to a variety of different 2D structures in the self-assembly of a crystalline-coil block copolymer with an amphiphilic corona-forming block. Chemical Science, 2020, 11, 4631-4643.	3.7	26
42	Continuous and Segmented Semiconducting Fiberâ€like Nanostructures with Spatially Selective Functionalization by Living Crystallizationâ€Driven Selfâ€Assembly. Angewandte Chemie, 2020, 132, 8309-8316.	1.6	13
43	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.	7.2	63
44	Radioimmunotherapy of PANC-1 human pancreatic cancer xenografts in NOD/SCID or NRG mice with Panitumumab labeled with Auger electron emitting, 111In or Î²-particle emitting, 177Lu. EJNMMI Radiopharmacy and Chemistry, 2020, 5, 22.	1.8	10
45	A metal-chelating polymer for chelating zirconium and its use in mass cytometry. European Polymer Journal, 2019, 120, 109175.	2.6	10
46	Rodlike Block Copolymer Micelles of Controlled Length in Water Designed for Biomedical Applications. Macromolecules, 2019, 52, 5231-5244.	2.2	38
47	Investigating Molecular Exchange between Partially Cross-Linked Polymer Particles Prepared by a Secondary Dispersion Process. Macromolecules, 2019, 52, 5245-5254.	2.2	5
48	Synergistic self-seeding in one-dimension: a route to patchy and block comicelles with uniform and controllable length. Chemical Science, 2019, 10, 2280-2284.	3.7	38
49	Lanthanide nanoparticles for high sensitivity multiparameter single cell analysis. Chemical Science, 2019, 10, 2965-2974.	3.7	34
50	Manipulation and Deposition of Complex, Functional Block Copolymer Nanostructures Using Optical Tweezers. ACS Nano, 2019, 13, 3858-3866.	7.3	21
51	Influence of Cubic-to-Hexagonal-Phase Transformation on the Uniformity of NaLnF₄ (Ho,) Tj ETQq1 1 0.784314 rgBT /Ove	3.2	12
52	Molecular Aspects of Film Formation of Partially Cross-Linked Water-Borne Secondary Dispersions that Show Skin Formation upon Drying. Macromolecules, 2019, 52, 9536-9544.	2.2	8
53	Effect of Concentration on the Dissolution of One-Dimensional Polymer Crystals: A TEM and NMR Study. Macromolecules, 2019, 52, 208-216.	2.2	17
54	Radioimmunotherapy of PANC-1 Human Pancreatic Cancer Xenografts in NRG Mice with Panitumumab Modified with Metal-Chelating Polymers Complexed to ¹⁷⁷Lu. Molecular Pharmaceutics, 2019, 16, 768-778.	2.3	16

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55	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.	2.2	67
56	NMR Study of the Dissolution of Core-Crystalline Micelles. Macromolecules, 2018, 51, 3279-3289.	2.2	11
57	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.	6.6	51
58	Cylindrical Micelles with â€œPatchyâ€•Coronas from the Crystallization-Driven Self-Assembly of ABC Triblock Terpolymers with a Crystallizable Central Polyferrocenyldimethylsilane Segment. Macromolecules, 2018, 51, 222-231.	2.2	27
59	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.	2.3	39
60	Monitoring Collapse of Uniform Cylindrical Brushes with a Thermoresponsive Corona in Water. ACS Macro Letters, 2018, 7, 166-171.	2.3	12
61	Explosive dissolution and trapping of block copolymer seed crystallites. Nature Communications, 2018, 9, 1158.	5.8	39
62	Creating Biomorphic Barbed and Branched Mesostructures in Solution through Block Copolymer Crystallization. Angewandte Chemie - International Edition, 2018, 57, 17205-17210.	7.2	14
63	Creating Biomorphic Barbed and Branched Mesostructures in Solution through Block Copolymer Crystallization. Angewandte Chemie, 2018, 130, 17451-17456.	1.6	2
64	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.	7.3	60
65	Toward Uniform Nanofibers with a Ï€-Conjugated Core: Optimizing the â€œLivingâ€•Crystallization-Driven Self-Assembly of Diblock Copolymers with a Poly(3-octylthiophene) Core-Forming Block. Macromolecules, 2018, 51, 5101-5113.	2.2	33
66	Visualizing Nanoscale Coronal Segregation in Rodâ€Like Micelles Formed by Coâ€Assembly of Binary Block Copolymer Blends. Macromolecular Rapid Communications, 2018, 39, e1800397.	2.0	8
67	Two-dimensional assemblies from crystallizable homopolymers with charged termini. Nature Materials, 2017, 16, 481-488.	13.3	179
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.	6.6	78
69	EGFR-Targeted Metal Chelating Polymers (MCPs) Harboring Multiple Pendant PEG2K Chains for MicroPET/CT Imaging of Patient-Derived Pancreatic Cancer Xenografts. ACS Biomaterials Science and Engineering, 2017, 3, 279-290.	2.6	7
70	Understanding particle formation in surfactant-free waterborne coatings prepared by emulsification of pre-formed polymers. Polymer Chemistry, 2017, 8, 2931-2941.	1.9	14
71	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.	6.6	187
72	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.	6.6	99

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73	Local Radiation Treatment of HER2-Positive Breast Cancer Using Trastuzumab-Modified Gold Nanoparticles Labeled with 177Lu. Pharmaceutical Research, 2017, 34, 579-590.	1.7	61
74	Monte Carlo simulation of radiation transport and dose deposition from locally released gold nanoparticles labeled with¹¹¹In,¹⁷⁷Lu or⁹⁰Y incorporated into tissue implantable depots. Physics in Medicine and Biology, 2017, 62, 8581-8599.	1.6	11
75	Influence of Lu³⁺ Doping on the Crystal Structure of Uniform Small (5 and 13 nm) NaLnF₄ Upconverting Nanocrystals. Journal of Physical Chemistry C, 2017, 121, 18178-18185.	1.5	15
76	Uniform electroactive fibre-like micelle nanowires for organic electronics. Nature Communications, 2017, 8, 15909.	5.8	120
77	Liposome-Encapsulated NaLnF₄ Nanoparticles for Mass Cytometry: Evaluating Nonspecific Binding to Cells. Chemistry of Materials, 2017, 29, 4980-4990.	3.2	27
78	Synthesis and Solution Selfâ€Assembly of Polyisopreneâ€blockâ€poly(ferrocenylmethylsilane): A Diblock Copolymer with an Atactic but Semicrystalline Coreâ€Forming Metalloblock. Macromolecular Chemistry and Physics, 2016, 217, 1671-1682.	1.1	11
79	PFS-b-PNIPAM: A First Step toward Polymeric Nanofibrillar Hydrogels Based on Uniform Fiber-Like Micelles. Macromolecules, 2016, 49, 4265-4276.	2.2	28
80	Uniform patchy and hollow rectangular platelet micelles from crystallizable polymer blends. Science, 2016, 352, 697-701.	6.0	305
81	Hierarchical Assembly of Cylindrical Block Comicelles Mediated by Spatially Confined Hydrogen-Bonding Interactions. Journal of the American Chemical Society, 2016, 138, 12902-12912.	6.6	62
82	Lateral Growth of 1D Core-Crystalline Micelles upon Annealing in Solution. Macromolecules, 2016, 49, 7004-7014.	2.2	26
83	How a Small Modification of the Corona-Forming Block Redirects the Self-Assembly of Crystallineâ€“Coil Block Copolymers in Solution. Macromolecules, 2016, 49, 7975-7984.	2.2	17
84	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.	7.2	108
85	Functionalization of Cellulose Nanocrystals with PEG-Metal-Chelating Block Copolymers via Controlled Conjugation in Aqueous Media. ACS Omega, 2016, 1, 93-107.	1.6	31
86	Monodisperse Cylindrical Micelles of Controlled Length with a Liquidâ€Crystalline Perfluorinated Core by 1D â€œSelfâ€Seedingâ€• Angewandte Chemie, 2016, 128, 11564-11568.	1.6	12
87	Microfibres and macroscopic films from the coordination-driven hierarchical self-assembly of cylindrical micelles. Nature Communications, 2016, 7, 12371.	5.8	43
88	Structureâ€Tuned Lead Halide Perovskite Nanocrystals. Advanced Materials, 2016, 28, 566-573.	11.1	215
89	Direct Synthesis of CdSe Nanocrystals with Electroactive Ligands. Chemistry of Materials, 2016, 28, 4953-4961.	3.2	7
90	Monodisperse Cylindrical Micelles and Block Comicelles of Controlled Length in Aqueous Media. Journal of the American Chemical Society, 2016, 138, 4484-4493.	6.6	90

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91	Differential Binding Models for Direct and Reverse Isothermal Titration Calorimetry. Journal of Physical Chemistry B, 2016, 120, 2077-2086.	1.2	10
92	â€œCrossâ€•Supermicelles via the Hierarchical Assembly of Amphiphilic Cylindrical Triblock Comicelles. Journal of the American Chemical Society, 2016, 138, 4087-4095.	6.6	58
93	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.	2.8	92
94	Stability and Biodistribution of Thiol-Functionalized and ¹⁷⁷Lu-Labeled Metal Chelating Polymers Bound to Gold Nanoparticles. Biomacromolecules, 2016, 17, 1292-1302.	2.6	32
95	Synthesis of Uniform NaLnF₄ (Ln: Sm to Ho) Nanoparticles for Mass Cytometry. Journal of Physical Chemistry C, 2016, 120, 6269-6280.	1.5	39
96	Fiberâ€Like Micelles from the Crystallizationâ€Driven Selfâ€Assembly of Poly(3â€heptylselenophene)â€blockâ€Polystyrene. Macromolecular Chemistry and Physics, 2015, 216, 685-695.	1.1	35
97	Trastuzumab Labeled to High Specific Activity with ¹¹¹In by Site-Specific Conjugation to a Metal-Chelating Polymer Exhibits Amplified Auger Electron-Mediated Cytotoxicity on HER2-Positive Breast Cancer Cells. Molecular Pharmaceutics, 2015, 12, 1951-1960.	2.3	26
98	Transformation and patterning of supermicelles using dynamic holographic assembly. Nature Communications, 2015, 6, 10009.	5.8	38
99	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.	0.3	35
100	Crystallization-Driven Solution Self-Assembly of Block Copolymers with a Photocleavable Junction. Journal of the American Chemical Society, 2015, 137, 2203-2206.	6.6	64
101	Solution Self-Assembly of Blends of Crystalline-Coil Polyferrocenylsilane-block-polyisoprene with Crystallizable Polyferrocenylsilane Homopolymer. Macromolecules, 2015, 48, 707-716.	2.2	61
102	Liquid Crystalline Phase Behavior of Well-Defined Cylindrical Block Copolymer Micelles Using Synchrotron Small-Angle X-ray Scattering. Macromolecules, 2015, 48, 1579-1591.	2.2	27
103	Branched Micelles by Living Crystallization-Driven Block Copolymer Self-Assembly under Kinetic Control. Journal of the American Chemical Society, 2015, 137, 2375-2385.	6.6	101
104	Fluorous Cylindrical Micelles of Controlled Length by Crystallization-Driven Self-Assembly of Block Copolymers in Fluorinated Media. ACS Macro Letters, 2015, 4, 187-191.	2.3	18
105	Quantification of Surface Ligands on NaYF4 Nanoparticles by Three Independent Analytical Techniques. Chemistry of Materials, 2015, 27, 4899-4910.	3.2	39
106	PMMA Microspheres with Embedded Lanthanide Nanoparticles by Photoinitiated Dispersion Polymerization with a Carboxy-Functional Macro-RAFT Agent. Macromolecules, 2015, 48, 3629-3640.	2.2	33
107	Photocleavage of the Corona Chains of Rigid-Rod Block Copolymer Micelles. Macromolecules, 2015, 48, 2254-2262.	2.2	20
108	Multidimensional hierarchical self-assembly of amphiphilic cylindrical block comicelles. Science, 2015, 347, 1329-1332.	6.0	443

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109	Hierarchical Polymerâ€“Carbon Nanotube Hybrid Mesostructures by Crystallization-Driven Self-Assembly. ACS Nano, 2015, 9, 10673-10685.	7.3	30
110	Radiation Nanomedicine for EGFR-Positive Breast Cancer: Panitumumab-Modified Gold Nanoparticles Complexed to the Î²-Particle-Emitter, ¹⁷⁷Lu. Molecular Pharmaceutics, 2015, 12, 3963-3972.	2.3	67
111	Metal-Chelating Polymers (MCPs) with Zwitterionic Pendant Groups Complexed to Trastuzumab Exhibit Decreased Liver Accumulation Compared to Polyanionic MCP Immunoconjugates. Biomacromolecules, 2015, 16, 3613-3623.	2.6	28
112	Temperature-Invariant Aqueous Microgels as Hosts for Biomacromolecules. Biomacromolecules, 2015, 16, 3134-3144.	2.6	9
113	Non-covalent synthesis of supermicelles with complex architectures using spatially confined hydrogen-bonding interactions. Nature Communications, 2015, 6, 8127.	5.8	93
114	Crystallization-Driven Solution Self-Assembly of Î¼-ABC Miktoarm Star Terpolymers with Core-Forming Polyferrocenylsilane Blocks. Macromolecules, 2014, 47, 8420-8428.	2.2	32
115	Colour-tunable fluorescent multiblock micelles. Nature Communications, 2014, 5, 3372.	5.8	243
116	A High-Sensitivity Lanthanide Nanoparticle Reporter for Mass Cytometry: Tests on Microgels as a Proxy for Cells. Langmuir, 2014, 30, 3142-3153.	1.6	22
117	Templated Fabrication of Fiber-Basket Polymersomes via Crystallization-Driven Block Copolymer Self-Assembly. Journal of the American Chemical Society, 2014, 136, 16676-16682.	6.6	38
118	Synthesis and crystallization-driven solution self-assembly of polyferrocenylsilane diblock copolymers with polymethacrylate corona-forming blocks. Polymer Chemistry, 2014, 5, 1923-1929.	1.9	32
119	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.	6.6	181
120	Form Factor of Asymmetric Elongated Micelles: Playing with Russian Dolls Has Never Been so Informative. Journal of Physical Chemistry B, 2014, 118, 10740-10749.	1.2	6
121	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.	6.6	94
122	Synthesis, self-assembly and photophysical properties of oligo(2,5-dihexyloxy-1,4-phenylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222 T	1.2	31
123	Functional PEGâ€“PAMAM-Tetraphosphonate Capped NaLnF₄ Nanoparticles and their Colloidal Stability in Phosphate Buffer. Langmuir, 2014, 30, 6980-6989.	1.6	33
124	Tailored hierarchical micelle architectures using living crystallization-driven self-assembly in two dimensions. Nature Chemistry, 2014, 6, 893-898.	6.6	329
125	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.	2.2	38
126	Organometallicâ€“Polypeptide Diblock Copolymers: Synthesis by Dielsâ€“Alder Coupling and Crystallization-Driven Self-Assembly to Uniform Truncated Elliptical Lamellae. Macromolecules, 2014, 47, 2604-2615.	2.2	23

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127	Synthesis of Polyglutamide-Based Metal-Chelating Polymers and Their Site-Specific Conjugation to Trastuzumab for Auger Electron Radioimmunotherapy. Biomacromolecules, 2014, 15, 2027-2037.	2.6	34
128	A design strategy for the hierarchical fabrication of colloidal hybrid mesostructures. Nature Communications, 2014, 5, 3882.	5.8	73
129	Intracellular Routing in Breast Cancer Cells of Streptavidin-Conjugated Trastuzumab Fab Fragments Linked to Biotinylated Doxorubicin-Functionalized Metal Chelating Polymers. Biomacromolecules, 2014, 15, 715-725.	2.6	19
130	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.	2.2	93
131	Copolymer microgels by precipitation polymerisation of N-vinylcaprolactam and N-isopropylacrylamides in aqueous medium. Colloid and Polymer Science, 2013, 291, 21-31.	1.0	28
132	Gold-nanoparticle coated La, Tb-encoded PS beads and their application in investigating the performance of the inductively coupled plasma of a mass cytometer. Journal of Analytical Atomic Spectrometry, 2013, 28, 1475.	1.6	4
133	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.	1.7	91
134	Branched Cylindrical Micelles via Crystallization-Driven Self-Assembly. Journal of the American Chemical Society, 2013, 135, 17739-17742.	6.6	59
135	Conductive, Monodisperse Polyaniline Nanofibers of Controlled Length Using Wellâ€Defined Cylindrical Block Copolymer Micelles as Templates. Chemistry - A European Journal, 2013, 19, 13030-13039.	1.7	28
136	Synthesis and solution self-assembly of block copolymers with a gradient, crystallizable polyferrocenylsilane core-forming metalloblock. Soft Matter, 2013, 9, 8569.	1.2	10
137	Slow morphology evolution of block copolymerâ€“quantum dot hybrid networks in solution. Soft Matter, 2013, 9, 8887.	1.2	7
138	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.	7.3	98
139	The Effect of Metal-Chelating Polymers (MCPs) for 111In Complexed via the Streptavidin-Biotin System to Trastuzumab Fab Fragments on Tumor and Normal Tissue Distribution in Mice. Pharmaceutical Research, 2013, 30, 104-116.	1.7	16
140	Dual-Purpose Polymer Labels for Fluorescent and Mass Cytometric Affinity Bioassays. Biomacromolecules, 2013, 14, 1503-1513.	2.6	21
141	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.	6.6	94
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