

# Mitchell A Winnik

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

346  
papers

16,177  
citations

67  
h-index

113  
g-index

356  
ext. papers

17,529  
ext. citations

7.4  
avg, IF

6.66  
L-index

| #   | Paper  | IF   | Citations |
|-----|--|------|-----------|
| 346 | The role of cooling rate in crystallization-driven block copolymer self-assembly.. <i>Chemical Science</i> , <b>2022</b> , 13, 396-409   | 9.4  | 4         |
| 345 | Probing the Analogy between Living Crystallization-Driven Self-Assembly and Living Covalent Polymerizations: Length-Independent Growth Behavior for 1D Block Copolymer Nanofibers. <i>Macromolecules</i> , <b>2022</b> , 55, 359-369 | 5.5  | 3         |
| 344 | Influence of intraparticle cross-linking on polymer diffusion in latex films prepared from secondary dispersions. <i>Progress in Organic Coatings</i> , <b>2022</b> , 164, 106691  | 4.8  | 2         |
| 343 | Polymeric dipicolylamine based mass tags for mass cytometry.. <i>Chemical Science</i> , <b>2022</b> , 13, 3233-3243  | 9.4  | 1         |
| 342 | An Amphiphilic Corona-Forming Block Promotes Formation of a Variety of 2D Platelets via Crystallization-Driven Block Copolymer Self-Assembly. <i>Macromolecules</i> , <b>2021</b> , 54, 9761-9772                                    | 5.5  | 4         |
| 341 | Spherulite-Like Micelles. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 11045-11051  | 3.6  | 1         |
| 340 | Spherulite-Like Micelles. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 10950-10956   | 16.4 | 5         |
| 339 | Uniform 1D Micelles and Patchy & Block Comicelles via Scalable, One-Step Crystallization-Driven Block Copolymer Self-Assembly. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 6266-6280                        | 16.4 | 14        |
| 338 | Site-Specific Conjugation of Metal-Chelating Polymers to Anti-Frizzled-2 Antibodies Microbial Transglutaminase. <i>Biomacromolecules</i> , <b>2021</b> , 22, 2491-2504   | 6.9  |           |
| 337 | Control of Metal Content in Polystyrene Microbeads Prepared with Metal Complexes of DTPA Derivatives. <i>Chemistry of Materials</i> , <b>2021</b> , 33, 3802-3813  | 9.6  | 1         |
| 336 | A Silica Coating Approach to Enhance Bioconjugation on Metal-Encoded Polystyrene Microbeads for Bead-Based Assays in Mass Cytometry. <i>Langmuir</i> , <b>2021</b> , 37, 8240-8252   | 4    | 2         |
| 335 | Self-Seeding of Oligo(p-phenylenevinylene)-b-poly(2-vinylpyridine) Micelles: Effect of Metal Ions. <i>Macromolecules</i> , <b>2021</b> , 54, 6705-6717   | 5.5  | 8         |
| 334 | Investigating the influence of block copolymer micelle length on cellular uptake and penetration in a multicellular tumor spheroid model. <i>Nanoscale</i> , <b>2021</b> , 13, 280-291   | 7.7  | 25        |
| 333 | Crystallization-Driven Self-Assembly of a Block Copolymer with Amphiphilic Pendant Groups. <i>Macromolecules</i> , <b>2021</b> , 54, 930-940   | 5.5  | 8         |
| 332 | Influence of the Sodium Precursor on the Cubic-to-Hexagonal Phase Transformation and Controlled Preparation of Uniform NaNdF Nanoparticles. <i>Langmuir</i> , <b>2021</b> , 37, 2146-2152  | 4    | 2         |
| 331 | Film Formation of Waterborne 2K Polyurethanes: Effect of Polyols Containing Different Carboxylic Acid Content. <i>Macromolecules</i> , <b>2021</b> , 54, 7943-7954   | 5.5  | 2         |
| 330 | Block copolymer self-assembly: Polydisperse corona-forming blocks leading to uniform morphologies. <i>CheM</i> , <b>2021</b> ,   | 16.2 | 7         |

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| 329 | Functionalization of Cellulose Nanocrystals with POEGMA Copolymers via Copper-Catalyzed Azide-Alkyne Cycloaddition for Potential Drug-Delivery Applications. <i>Biomacromolecules</i> , <b>2020</b> , 21, 2014-2023   | 6.9 | 7  |
| 328 | Enabling Indium Channels for Mass Cytometry by Using Reinforced Cyclam-Based Chelating Polylysine. <i>Bioconjugate Chemistry</i> , <b>2020</b> , 31, 2103-2115  | 6.3 | 5  |
| 327 | Characterization of an Aqueous Dispersion of a Hydrophilic Polyisocyanate for Waterborne Two-Pack Polyurethane Coatings. <i>ACS Applied Polymer Materials</i> , <b>2020</b> , 2, 1491-1499  | 4.3 | 8  |
| 326 | Single-step self-assembly to uniform fiber-like core-crystalline block copolymer micelles. <i>Chemical Communications</i> , <b>2020</b> , 56, 4595-4598   | 5.8 | 7  |
| 325 | Tantalum Oxide Nanoparticle-Based Mass Tag for Mass Cytometry. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 5741-5749  | 7.1 | 9  |
| 324 | Dual-Receptor-Targeted (DRT) Radiation Nanomedicine Labeled with Lu Is More Potent for Killing Human Breast Cancer Cells That Coexpress HER2 and EGFR Than Single-Receptor-Targeted (SRT) Radiation Nanomedicines. <i>Molecular Pharmaceutics</i> , <b>2020</b> , 17, 1226-1236         | 5.6 | 7  |
| 323 | How a Small Change of Oligo(p-phenylenevinylene) Chain Length Affects Self-Seeding of Oligo(p-phenylenevinylene)-Containing Block Copolymers. <i>Macromolecules</i> , <b>2020</b> , 53, 1831-1841   | 5.5 | 15 |
| 322 | Synthesis of a metal-chelating polymer with NOTA pendants as a carrier for <sup>64</sup> Cu, intended for radioimmunotherapy. <i>European Polymer Journal</i> , <b>2020</b> , 125, 109501   | 5.2 | 1  |
| 321 | Radioimmunotherapy of PANC-1 human pancreatic cancer xenografts in NOD/SCID or NRG mice with Panitumumab labeled with Auger electron emitting, In or $\beta$ particle emitting, Lu. <i>EJNMMI Radiopharmacy and Chemistry</i> , <b>2020</b> , 5, 22                                     | 5.8 | 5  |
| 320 | Metal-Encoded Polystyrene Microbeads as a Mass Cytometry Calibration/Normalization Standard Covering Channels from Yttrium (89 amu) to Bismuth (209 amu). <i>Analytical Chemistry</i> , <b>2020</b> , 92, 999-1006  | 7.8 | 8  |
| 319 | A comparison of DFO and DFO* conjugated to trastuzumab-DM1 for complexing Zr - In vitro stability and in vivo microPET/CT imaging studies in NOD/SCID mice with HER2-positive SK-OV-3 human ovarian cancer xenografts. <i>Nuclear Medicine and Biology</i> , <b>2020</b> , 84-85, 11-19 | 2.1 | 5  |
| 318 | Crystallization-Driven Self-Assembly of Amphiphilic Triblock Terpolymers With Two Corona-Forming Blocks of Distinct Hydrophilicities. <i>Macromolecules</i> , <b>2020</b> , 53, 6576-6588   | 5.5 | 8  |
| 317 | Monitoring Polymer Diffusion in a Waterborne 2K Polyurethane Formulation Based on an Acrylic Polyol Latex. <i>Macromolecules</i> , <b>2020</b> , 53, 10744-10753  | 5.5 | 2  |
| 316 | Understanding the Dissolution and Regrowth of Core-Crystalline Block Copolymer Micelles: A Scaling Approach. <i>Macromolecules</i> , <b>2020</b> , 53, 10198-10211  | 5.5 | 6  |
| 315 | Water-Dispersible, Colloidally Stable, Surface-Functionalizable Uniform Fiberlike Micelles Containing a $\beta$ Conjugated Oligo(p-phenylenevinylene) Core of Controlled Length. <i>Macromolecules</i> , <b>2020</b> , 53, 8009-8019  | 5.5 | 9  |
| 314 | Mechanistic study of the formation of fiber-like micelles with a $\beta$ conjugated oligo(p-phenylenevinylene) core. <i>Journal of Colloid and Interface Science</i> , <b>2020</b> , 560, 50-58   | 9.3 | 8  |
| 313 | 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. <i>Chemical Science</i> , <b>2020</b> , 11, 4631-4643  | 9.4 | 16 |
| 312 | Continuous and Segmented Semiconducting Fiber-like Nanostructures with Spatially Selective Functionalization by Living Crystallization-Driven Self-Assembly. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 8309-8316  | 3.6 | 10 |

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| 311 | Continuous and Segmented Semiconducting Fiber-like Nanostructures with Spatially Selective Functionalization by Living Crystallization-Driven Self-Assembly. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 8232-8239 | 16.4 | 31 |
| 310 | Synergistic self-seeding in one-dimension: a route to patchy and block comicelles with uniform and controllable length. <i>Chemical Science</i> , <b>2019</b> , 10, 2280-2284   | 9.4  | 30 |
| 309 | Lanthanide nanoparticles for high sensitivity multiparameter single cell analysis. <i>Chemical Science</i> , <b>2019</b> , 10, 2965-2974  | 9.4  | 23 |
| 308 | Manipulation and Deposition of Complex, Functional Block Copolymer Nanostructures Using Optical Tweezers. <i>ACS Nano</i> , <b>2019</b> , 13, 3858-3866   | 16.7 | 17 |
| 307 | A metal-chelating polymer for chelating zirconium and its use in mass cytometry. <i>European Polymer Journal</i> , <b>2019</b> , 120, 109175  | 5.2  | 4  |
| 306 | Rodlike Block Copolymer Micelles of Controlled Length in Water Designed for Biomedical Applications. <i>Macromolecules</i> , <b>2019</b> , 52, 5231-5244  | 5.5  | 23 |
| 305 | Investigating Molecular Exchange between Partially Cross-Linked Polymer Particles Prepared by a Secondary Dispersion Process. <i>Macromolecules</i> , <b>2019</b> , 52, 5245-5254   | 5.5  | 5  |
| 304 | Influence of Cubic-to-Hexagonal-Phase Transformation on the Uniformity of NaLnF <sub>4</sub> (Ho, Tb, Eu, Sm) Nanoparticles. <i>Chemistry of Materials</i> , <b>2019</b> , 31, 9742-9749  | 9.6  | 4  |
| 303 | Molecular Aspects of Film Formation of Partially Cross-Linked Water-Borne Secondary Dispersions that Show Skin Formation upon Drying. <i>Macromolecules</i> , <b>2019</b> , 52, 9536-9544   | 5.5  | 5  |
| 302 | Effect of Concentration on the Dissolution of One-Dimensional Polymer Crystals: A TEM and NMR Study. <i>Macromolecules</i> , <b>2019</b> , 52, 208-216  | 5.5  | 13 |
| 301 | Radioimmunotherapy of PANC-1 Human Pancreatic Cancer Xenografts in NRG Mice with Panitumumab Modified with Metal-Chelating Polymers Complexed to Lu. <i>Molecular Pharmaceutics</i> , <b>2019</b> , 16, 768-778                             | 5.6  | 14 |
| 300 | Self-Seeding of Block Copolymers with a $\pi$ -Conjugated Oligo(p-phenylenevinylene) Segment: A Versatile Route toward Monodisperse Fiber-like Nanostructures. <i>Macromolecules</i> , <b>2018</b> , 51, 2065-2075                          | 5.5  | 52 |
| 299 | NMR Study of the Dissolution of Core-Crystalline Micelles. <i>Macromolecules</i> , <b>2018</b> , 51, 3279-3289  | 5.5  | 10 |
| 298 | Competitive Self-Assembly Kinetics as a Route To Control the Morphology of Core-Crystalline Cylindrical Micelles. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 2619-2628  | 16.4 | 44 |
| 297 | Cylindrical Micelles with Patchy Coronas from the Crystallization-Driven Self-Assembly of ABC Triblock Terpolymers with a Crystallizable Central Polyferrocenyldimethylsilane Segment. <i>Macromolecules</i> , <b>2018</b> , 51, 222-231    | 5.5  | 24 |
| 296 | Panitumumab Modified with Metal-Chelating Polymers (MCP) Complexed to In and Lu-An EGFR-Targeted Theranostic for Pancreatic Cancer. <i>Molecular Pharmaceutics</i> , <b>2018</b> , 15, 1150-1159  | 5.6  | 30 |
| 295 | Monitoring Collapse of Uniform Cylindrical Brushes with a Thermoresponsive Corona in Water. <i>ACS Macro Letters</i> , <b>2018</b> , 7, 166-171   | 6.6  | 10 |
| 294 | Explosive dissolution and trapping of block copolymer seed crystallites. <i>Nature Communications</i> , <b>2018</b> , 9, 1158   | 17.4 | 28 |

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| 293 | Toward Uniform Nanofibers with a [Conjugated Core: Optimizing the [Living] Crystallization-Driven Self-Assembly of Diblock Copolymers with a Poly(3-octylthiophene) Core-Forming Block. <i>Macromolecules</i> , <b>2018</b> , 51, 5101-5113           | 5.5  | 24  |
| 292 | Visualizing Nanoscale Coronal Segregation in Rod-Like Micelles Formed by Co-Assembly of Binary Block Copolymer Blends. <i>Macromolecular Rapid Communications</i> , <b>2018</b> , 39, e1800397  | 4.8  | 6   |
| 291 | Creating Biomorphic Barbed and Branched Mesostructures in Solution through Block Copolymer Crystallization. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 17205-17210  | 16.4 | 11  |
| 290 | Creating Biomorphic Barbed and Branched Mesostructures in Solution through Block Copolymer Crystallization. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 17451-17456   | 3.6  | 2   |
| 289 | Probing the Growth Kinetics for the Formation of Uniform 1D Block Copolymer Nanoparticles by Living Crystallization-Driven Self-Assembly. <i>ACS Nano</i> , <b>2018</b> , 12, 8920-8933   | 16.7 | 44  |
| 288 | Two-dimensional assemblies from crystallizable homopolymers with charged termini. <i>Nature Materials</i> , <b>2017</b> , 16, 481-488   | 27   | 124 |
| 287 | Uniform "Patchy" Platelets by Seeded Heteroepitaxial Growth of Crystallizable Polymer Blends in Two Dimensions. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 4409-4417  | 16.4 | 55  |
| 286 | EGFR-Targeted Metal Chelating Polymers (MCPs) Harboring Multiple Pendant PEG Chains for MicroPET/CT Imaging of Patient-Derived Pancreatic Cancer Xenografts. <i>ACS Biomaterials Science and Engineering</i> , <b>2017</b> , 3, 279-290               | 5.5  | 7   |
| 285 | Understanding particle formation in surfactant-free waterborne coatings prepared by emulsification of pre-formed polymers. <i>Polymer Chemistry</i> , <b>2017</b> , 8, 2931-2941  | 4.9  | 10  |
| 284 | Monodisperse Fiber-like Micelles of Controlled Length and Composition with an Oligo(p-phenylenevinylene) Core via "Living" Crystallization-Driven Self-Assembly. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 7136-7139       | 16.4 | 141 |
| 283 | Complex and Hierarchical 2D Assemblies via Crystallization-Driven Self-Assembly of Poly(L-lactide) Homopolymers with Charged Termini. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 9221-9228                                  | 16.4 | 60  |
| 282 | Local Radiation Treatment of HER2-Positive Breast Cancer Using Trastuzumab-Modified Gold Nanoparticles Labeled with Lu. <i>Pharmaceutical Research</i> , <b>2017</b> , 34, 579-590  | 4.5  | 43  |
| 281 | Monte Carlo simulation of radiation transport and dose deposition from locally released gold nanoparticles labeled with In, Lu or Y incorporated into tissue implantable depots. <i>Physics in Medicine and Biology</i> , <b>2017</b> , 62, 8581-8599 | 3.8  | 9   |
| 280 | Influence of Lu <sup>3+</sup> Doping on the Crystal Structure of Uniform Small (5 and 13 nm) NaLnF <sub>4</sub> Upconverting Nanocrystals. <i>Journal of Physical Chemistry C</i> , <b>2017</b> , 121, 18178-18185                                    | 3.8  | 12  |
| 279 | Uniform electroactive fibre-like micelle nanowires for organic electronics. <i>Nature Communications</i> , <b>2017</b> , 8, 15909   | 17.4 | 94  |
| 278 | Liposome-Encapsulated NaLnF <sub>4</sub> Nanoparticles for Mass Cytometry: Evaluating Nonspecific Binding to Cells. <i>Chemistry of Materials</i> , <b>2017</b> , 29, 4980-4990   | 9.6  | 18  |
| 277 | Functionalization of Cellulose Nanocrystals with PEG-Metal-Chelating Block Copolymers via Controlled Conjugation in Aqueous Media. <i>ACS Omega</i> , <b>2016</b> , 1, 93-107   | 3.9  | 22  |
| 276 | Monodisperse Cylindrical Micelles of Controlled Length with a Liquid-Crystalline Perfluorinated Core by 1D Self-Seeding. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 11564-11568  | 3.6  | 9   |

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| 275 | Microfibrils and macroscopic films from the coordination-driven hierarchical self-assembly of cylindrical micelles. <i>Nature Communications</i> , <b>2016</b> , 7, 12371  | 17.4 | 35  |
| 274 | Structure-Tuned Lead Halide Perovskite Nanocrystals. <i>Advanced Materials</i> , <b>2016</b> , 28, 566-73  | 24   | 196 |
| 273 | Direct Synthesis of CdSe Nanocrystals with Electroactive Ligands. <i>Chemistry of Materials</i> , <b>2016</b> , 28, 4953-4961  | 6    | 6   |
| 272 | Monodisperse Cylindrical Micelles and Block Comicelles of Controlled Length in Aqueous Media. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 4484-93   | 16.4 | 72  |
| 271 | Differential Binding Models for Direct and Reverse Isothermal Titration Calorimetry. <i>Journal of Physical Chemistry B</i> , <b>2016</b> , 120, 2077-86   | 3.4  | 9   |
| 270 | "Cross" Supermicelles via the Hierarchical Assembly of Amphiphilic Cylindrical Triblock Comicelles. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 4087-95   | 16.4 | 48  |
| 269 | Intratumorally Injected <sup>177</sup> Lu-Labeled Gold Nanoparticles: Gold Nanoseed Brachytherapy with Application for Neoadjuvant Treatment of Locally Advanced Breast Cancer. <i>Journal of Nuclear Medicine</i> , <b>2016</b> , 57, 936-42          | 8.9  | 66  |
| 268 | Stability and Biodistribution of Thiol-Functionalized and ( <sup>177</sup> )Lu-Labeled Metal Chelating Polymers Bound to Gold Nanoparticles. <i>Biomacromolecules</i> , <b>2016</b> , 17, 1292-302   | 6.9  | 23  |
| 267 | Synthesis of Uniform NaLnF <sub>4</sub> (Ln: Sm to Ho) Nanoparticles for Mass Cytometry. <i>Journal of Physical Chemistry C</i> , <b>2016</b> , 120, 6269-6280   | 3.8  | 30  |
| 266 | Synthesis and Solution Self-Assembly of Polyisoprene-block-poly(ferrocenylmethylsilane): A Diblock Copolymer with an Atactic but Semicrystalline Core-Forming Metalloblock. <i>Macromolecular Chemistry and Physics</i> , <b>2016</b> , 217, 1671-1682 | 2.6  | 10  |
| 265 | PFS-b-PNIPAM: A First Step toward Polymeric Nanofibrillar Hydrogels Based on Uniform Fiber-Like Micelles. <i>Macromolecules</i> , <b>2016</b> , 49, 4265-4276  | 5.5  | 24  |
| 264 | Uniform patchy and hollow rectangular platelet micelles from crystallizable polymer blends. <i>Science</i> , <b>2016</b> , 352, 697-701  | 33.3 | 233 |
| 263 | Hierarchical Assembly of Cylindrical Block Comicelles Mediated by Spatially Confined Hydrogen-Bonding Interactions. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 12902-12912   | 16.4 | 44  |
| 262 | Lateral Growth of 1D Core-Crystalline Micelles upon Annealing in Solution. <i>Macromolecules</i> , <b>2016</b> , 49, 7004-7014   | 5.5  | 25  |
| 261 | How a Small Modification of the Corona-Forming Block Redirects the Self-Assembly of Crystalline-Coil Block Copolymers in Solution. <i>Macromolecules</i> , <b>2016</b> , 49, 7975-7984   | 5.5  | 15  |
| 260 | Monodisperse Cylindrical Micelles of Controlled Length with a Liquid-Crystalline Perfluorinated Core by 1D "Self-Seeding". <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 11392-6  | 16.4 | 84  |
| 259 | Quantification of Surface Ligands on NaYF <sub>4</sub> Nanoparticles by Three Independent Analytical Techniques. <i>Chemistry of Materials</i> , <b>2015</b> , 27, 4899-4910   | 9.6  | 33  |
| 258 | PMMA Microspheres with Embedded Lanthanide Nanoparticles by Photoinitiated Dispersion Polymerization with a Carboxy-Functional Macro-RAFT Agent. <i>Macromolecules</i> , <b>2015</b> , 48, 3629-3640   | 5.5  | 25  |

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| 257 | Photocleavage of the Corona Chains of Rigid-Rod Block Copolymer Micelles. <i>Macromolecules</i> , <b>2015</b> , 48, 2254-2262   | 5.5  | 19  |
| 256 | Micelle assembly. Multidimensional hierarchical self-assembly of amphiphilic cylindrical block comicelles. <i>Science</i> , <b>2015</b> , 347, 1329-32  | 33.3 | 383 |
| 255 | Hierarchical Polymer-Carbon Nanotube Hybrid Mesostructures by Crystallization-Driven Self-Assembly. <i>ACS Nano</i> , <b>2015</b> , 9, 10673-85   | 16.7 | 26  |
| 254 | Radiation Nanomedicine for EGFR-Positive Breast Cancer: Panitumumab-Modified Gold Nanoparticles Complexed to the $\beta$ -Particle-Emitter, (177)Lu. <i>Molecular Pharmaceutics</i> , <b>2015</b> , 12, 3963-72   | 5.6  | 57  |
| 253 | Metal-Chelating Polymers (MCPs) with Zwitterionic Pendant Groups Complexed to Trastuzumab Exhibit Decreased Liver Accumulation Compared to Polyanionic MCP Immunoconjugates. <i>Biomacromolecules</i> , <b>2015</b> , 16, 3613-23   | 6.9  | 22  |
| 252 | Temperature-Invariant Aqueous Microgels as Hosts for Biomacromolecules. <i>Biomacromolecules</i> , <b>2015</b> , 16, 3134-44  | 6.9  | 8   |
| 251 | Non-covalent synthesis of supermicelles with complex architectures using spatially confined hydrogen-bonding interactions. <i>Nature Communications</i> , <b>2015</b> , 6, 8127   | 17.4 | 80  |
| 250 | Fiber-Like Micelles from the Crystallization-Driven Self-Assembly of Poly(3-heptylselenophene)-block-Polystyrene. <i>Macromolecular Chemistry and Physics</i> , <b>2015</b> , 216, 685-695  | 2.6  | 28  |
| 249 | Trastuzumab Labeled to High Specific Activity with (111)In by Site-Specific Conjugation to a Metal-Chelating Polymer Exhibits Amplified Auger Electron-Mediated Cytotoxicity on HER2-Positive Breast Cancer Cells. <i>Molecular Pharmaceutics</i> , <b>2015</b> , 12, 1951-60 | 5.6  | 19  |
| 248 | Transformation and patterning of supermicelles using dynamic holographic assembly. <i>Nature Communications</i> , <b>2015</b> , 6, 10009  | 17.4 | 31  |
| 247 | MicroPET/CT imaging of patient-derived pancreatic cancer xenografts implanted subcutaneously or orthotopically in NOD-scid mice using (64)Cu-NOTA-panitumumab F(ab') <sub>2</sub> fragments. <i>Nuclear Medicine and Biology</i> , <b>2015</b> , 42, 71-7                     | 2.1  | 25  |
| 246 | Crystallization-driven solution self-assembly of block copolymers with a photocleavable junction. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 2203-6   | 16.4 | 59  |
| 245 | Solution Self-Assembly of Blends of Crystalline-Coil Polyferrocenylsilane-block-polyisoprene with Crystallizable Polyferrocenylsilane Homopolymer. <i>Macromolecules</i> , <b>2015</b> , 48, 707-716  | 5.5  | 53  |
| 244 | Liquid Crystalline Phase Behavior of Well-Defined Cylindrical Block Copolymer Micelles Using Synchrotron Small-Angle X-ray Scattering. <i>Macromolecules</i> , <b>2015</b> , 48, 1579-1591  | 5.5  | 22  |
| 243 | Branched micelles by living crystallization-driven block copolymer self-assembly under kinetic control. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 2375-85  | 16.4 | 85  |
| 242 | Fluorous Cylindrical Micelles of Controlled Length by Crystallization-Driven Self-Assembly of Block Copolymers in Fluorinated Media. <i>ACS Macro Letters</i> , <b>2015</b> , 4, 187-191  | 6.6  | 15  |
| 241 | A high-sensitivity lanthanide nanoparticle reporter for mass cytometry: tests on microgels as a proxy for cells. <i>Langmuir</i> , <b>2014</b> , 30, 3142-53  | 4    | 20  |
| 240 | Templated fabrication of fiber-basket polymersomes via crystallization-driven block copolymer self-assembly. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 16676-82  | 16.4 | 33  |

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| 239 | Synthesis and crystallization-driven solution self-assembly of polyferrocenylsilane diblock copolymers with polymethacrylate corona-forming blocks. <i>Polymer Chemistry</i> , <b>2014</b> , 5, 1923-1929   | 4.9  | 29  |
| 238 | Uniform, high aspect ratio fiber-like micelles and block co-micelles with a crystalline $\pi$ -conjugated polythiophene core by self-seeding. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 4121-4                                       | 16.4 | 159 |
| 237 | Form factor of asymmetric elongated micelles: playing with Russian dolls has never been so informative. <i>Journal of Physical Chemistry B</i> , <b>2014</b> , 118, 10740-9   | 3.4  | 5   |
| 236 | Gradient crystallization-driven self-assembly: cylindrical micelles with "patchy" segmented coronas via the coassembly of linear and brush block copolymers. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 13835-44                      | 16.4 | 81  |
| 235 | Synthesis, self-assembly and photophysical properties of oligo(2,5-dihexyloxy-1,4-phenylene vinylene)-block-poly(ethylene glycol). <i>Soft Matter</i> , <b>2014</b> , 10, 8875-87   | 3.6  | 22  |
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