

Tailored hierarchical micelle architectures using living self-assembly in two dimensions

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Served on a nanoplate. <i>Nature Chemistry</i> , 2014, 6, 857-858.	6.6	6
2	In Situ Visualization of Block Copolymer Self-Assembly in Organic Media by Super-Resolution Fluorescence Microscopy. <i>Chemistry - A European Journal</i> , 2015, 21, 18539-18542.	1.7	48
3	Strategies for preparing fluorescently labelled polymer nanoparticles. <i>Polymer International</i> , 2015, 64, 174-182.	1.6	66
4	Synthetic Covalent and Non-Covalent 2D Materials. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 13876-13894.	7.2	157
5	Fiber-Like Micelles from the Crystallization-Driven Self-Assembly of Poly(3-heptylselenophene)- <i>block</i> -Polystyrene. <i>Macromolecular Chemistry and Physics</i> , 2015, 216, 685-695.	1.1	35
7	Self-assembly of "patchy" nanoparticles: a versatile approach to functional hierarchical materials. <i>Chemical Science</i> , 2015, 6, 3663-3673.	3.7	124
8	Crystallization-Driven Solution Self-Assembly of Block Copolymers with a Photocleavable Junction. <i>Journal of the American Chemical Society</i> , 2015, 137, 2203-2206.	6.6	64
9	Synthesis and Redox Activity of "Clicked" Triazolylbiferrocenyl Polymers, Network Encapsulation of Gold and Silver Nanoparticles and Anion Sensing. <i>Inorganic Chemistry</i> , 2015, 54, 2284-2299.	1.9	16
10	Synthesis of Main-Chain Metal Carbonyl Organometallic Macromolecules (MCMCOMs). <i>Macromolecular Rapid Communications</i> , 2015, 36, 586-596.	2.0	8
11	Branched Micelles by Living Crystallization-Driven Block Copolymer Self-Assembly under Kinetic Control. <i>Journal of the American Chemical Society</i> , 2015, 137, 2375-2385.	6.6	101
12	Fluorous Cylindrical Micelles of Controlled Length by Crystallization-Driven Self-Assembly of Block Copolymers in Fluorinated Media. <i>ACS Macro Letters</i> , 2015, 4, 187-191.	2.3	18
13	Semi-crystalline polymethylene- <i>b</i> -poly(acrylic acid) diblock copolymers: aggregation behavior, confined crystallization and controlled growth of semicrystalline micelles from dilute DMF solution. <i>Soft Matter</i> , 2015, 11, 1778-1787.	1.2	26
14	Simple Preparation of Various Nanostructures via <i>in Situ</i> Nanoparticlization of Polyacetylene Blocklike Copolymers by One-Shot Polymerization. <i>Macromolecules</i> , 2015, 48, 1390-1397.	2.2	53
15	Self-assembly concepts for multicompartment nanostructures. <i>Nanoscale</i> , 2015, 7, 11841-11876.	2.8	279
16	Enzymatic synthesis and post-functionalization of two-dimensional crystalline cellulose oligomers with surface-reactive groups. <i>Chemical Communications</i> , 2015, 51, 12525-12528.	2.2	58
17	Metallopolymer-Based Shape Anisotropic Nanoparticles. <i>ACS Macro Letters</i> , 2015, 4, 731-735.	2.3	78
18	Living supramolecular polymerization. <i>Science</i> , 2015, 349, 241-242.	6.0	165
19	[2]Ferrocenophanes with Nitrogen in Bridging Positions. <i>Organometallics</i> , 2015, 34, 3039-3046.	1.1	16

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20	Photocleavage of the Corona Chains of Rigid-Rod Block Copolymer Micelles. <i>Macromolecules</i> , 2015, 48, 2254-2262.	2.2	20
21	Facile Preparation of Hierarchical Structures Using Crystallization-Kinetics Driven Self-Assembly. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 18697-18706.	4.0	14
22	Non-covalent synthesis of supermicelles with complex architectures using spatially confined hydrogen-bonding interactions. <i>Nature Communications</i> , 2015, 6, 8127.	5.8	93
23	Silkworm cocoons by cylinders self-assembled from H-shaped alternating polymer brushes. <i>Polymer Chemistry</i> , 2015, 6, 886-890.	1.9	18
24	Synthesis and self-assembly of poly(ferrocenyldimethylsilane)-block-poly(2-alkyl-2-oxazoline) block copolymers. <i>Polymer Chemistry</i> , 2015, 6, 1604-1612.	1.9	11
25	Synthesis and Solution Self-Assembly of Polyisoprene- <i>b</i> -poly(ferrocenylmethylsilane): A Diblock Copolymer with an Atactic but Semicrystalline Core-Forming Metalloblock. <i>Macromolecular Chemistry and Physics</i> , 2016, 217, 1671-1682.	1.1	11
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27	<i>In situ</i> synthesis of nanoassemblies of the high molecular weight ferrocene-containing block copolymer <i>via</i> dispersion <i>RAFT</i> polymerization. <i>Journal of Polymer Science Part A</i> , 2016, 54, 900-909.	2.5	22
28	Rational design of ABC triblock terpolymer solution nanostructures with controlled patch morphology. <i>Nature Communications</i> , 2016, 7, 12097.	5.8	140
29	Reorganization of self-assembled supramolecular materials controlled by hydrogen bonding and hydrophilic-lipophilic balance. <i>Journal of Materials Chemistry B</i> , 2016, 4, 2662-2668.	2.9	43
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33	Self-assembly creates 2D materials. <i>Science</i> , 2016, 352, 656-657.	6.0	14
34	Hierarchical Assembly of Cylindrical Block Micelles Mediated by Spatially Confined Hydrogen-Bonding Interactions. <i>Journal of the American Chemical Society</i> , 2016, 138, 12902-12912.	6.6	62
35	Corona Liquid Crystalline Order Helps to Form Single Crystals When Self-Assembly Takes Place in the Crystalline/Liquid Crystalline Block Copolymers. <i>ACS Macro Letters</i> , 2016, 5, 867-872.	2.3	54
36	Amorphization of a Ru-Cd Coordination Polymer at Low Pressure. <i>ChemistrySelect</i> , 2016, 1, 901-905.	0.7	9
37	How a Small Modification of the Corona-Forming Block Redirects the Self-Assembly of Crystalline-Coil Block Copolymers in Solution. <i>Macromolecules</i> , 2016, 49, 7975-7984.	2.2	17

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38	Monodisperse Cylindrical Micelles of Controlled Length with a Liquidâ€Crystalline Perfluorinated Core by 1D â€Selfâ€Seedingâ€. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 11392-11396.	7.2	108
39	Chiral supramolecular polymerization leading to eye differentiable circular polarization in luminescence. <i>Chemical Communications</i> , 2016, 52, 9885-9888.	2.2	60
40	Precisely Controlled 2D Freeâ€Floating Nanosheets of Amphiphilic Molecules through Frameâ€Guided Assembly. <i>Advanced Materials</i> , 2016, 28, 9819-9823.	11.1	59
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43	Fabrication of Chiralâ€Selective Nanotubular Heterojunctions through Living Supramolecular Polymerization. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 9539-9543.	7.2	92
44	Computationally designed peptides for self-assembly of nanostructured lattices. <i>Science Advances</i> , 2016, 2, e1600307.	4.7	58
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46	Nanoparticle-Induced Ellipse-to-Vesicle Morphology Transition of Rodâ€Coilâ€Rod Triblock Copolymer Aggregates. <i>Langmuir</i> , 2016, 32, 6917-6927.	1.6	21
47	Thermodynamic-Driven Self-Assembly: Heterochiral Self-Sorting and Structural Reconfiguration in Gold(I)â€Sulfido Cluster System. <i>Journal of the American Chemical Society</i> , 2016, 138, 7260-7263.	6.6	75
48	One for all: cobalt-containing polymethacrylates for magnetic ceramics, block copolymerization, unexpected electrochemistry, and stimuli-responsiveness. <i>Polymer Chemistry</i> , 2016, 7, 1129-1137.	1.9	26
49	Patchy Wormlike Micelles with Tailored Functionality by Crystallization-Driven Self-Assembly: A Versatile Platform for Mesostructured Hybrid Materials. <i>Macromolecules</i> , 2016, 49, 2761-2771.	2.2	73
50	[<i>n</i>]Ferrocenophanes (<i>n</i> = 2, 3) with Nitrogen and Phosphorus in Bridging Positions. <i>Inorganic Chemistry</i> , 2016, 55, 3630-3639.	1.9	10
51	â€Crossâ€Supermicelles via the Hierarchical Assembly of Amphiphilic Cylindrical Triblock Comicelles. <i>Journal of the American Chemical Society</i> , 2016, 138, 4087-4095.	6.6	58
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55	Fluorescent Block Copolymer Micelles That Can Self-Report on Their Assembly and Small Molecule Encapsulation. <i>Macromolecules</i> , 2016, 49, 653-662.	2.2	35

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57	Controlling and imaging biomimetic self-assembly. <i>Nature Chemistry</i> , 2016, 8, 10-15.	6.6	460
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64	Two-dimensional assemblies from crystallizable homopolymers with charged termini. <i>Nature Materials</i> , 2017, 16, 481-488.	13.3	179
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66	Uniform Patchy Platelets by Seeded Heteroepitaxial Growth of Crystallizable Polymer Blends in Two Dimensions. <i>Journal of the American Chemical Society</i> , 2017, 139, 4409-4417.	6.6	78
67	Supramolecularly Engineered Amphiphilic Macromolecules: Molecular Interaction Overrides Packing Parameters. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 3516-3520.	7.2	42
68	Direct Formation of Large-Area 2D Nanosheets from Fluorescent Semiconducting Homopolymer with Orthorhombic Crystalline Orientation. <i>Journal of the American Chemical Society</i> , 2017, 139, 3082-3088.	6.6	58
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71	Crystallization-Driven Co-Assembly of Micrometric Polymer Hybrid Single Crystals and Nanometric Crystalline Micelles. <i>Macromolecules</i> , 2017, 50, 2006-2015.	2.2	64
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75	<i>50th Anniversary Perspective</i>: Functional Nanoparticles from the Solution Self-Assembly of Block Copolymers. <i>Macromolecules</i> , 2017, 50, 3439-3463.	2.2	295
76	Bottomâ€up trifft auf Topâ€down: Patchâ€artig strukturierte Hybridfasermatten als effiziente Katalyseplattform. <i>Angewandte Chemie</i> , 2017, 129, 416-419.	1.6	10
77	Transition from disordered aggregates to ordered lattices: kinetic control of the assembly of a computationally designed peptide. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 6109-6118.	1.5	18
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88	Precision Epitaxy for Aqueous 1D and 2D Poly(Îµ-caprolactone) Assemblies. <i>Journal of the American Chemical Society</i> , 2017, 139, 16980-16985.	6.6	159
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91	<i>50th Anniversary Perspective</i>: Living Polymerizationâ€”Emphasizing the <i>Molecule</i> in <i>Macromolecules</i>. <i>Macromolecules</i> , 2017, 50, 6979-6997.	2.2	295

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93	Self-Assembled 2D Free-Standing Janus Nanosheets with Single-Layer Thickness. <i>Journal of the American Chemical Society</i> , 2017, 139, 13592-13595.	6.6	93
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