Hang Zhou

List of Publications by Year
in descending order

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23	601	759233 12	642732 23
papers	citations	h-index	g-index

23	23	23	797
all docs	docs citations	times ranked	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.	1.7	2
2	Crystallization-Driven Self-Assembly of a Block Copolymer with Amphiphilic Pendant Groups. Macromolecules, 2021, 54, 930-940.	4.8	17
3	Spheruliteâ€Like Micelles. Angewandte Chemie, 2021, 133, 11045-11051.	2.0	4
4	Spheruliteâ€Like Micelles. Angewandte Chemie - International Edition, 2021, 60, 10950-10956.	13.8	15
5	Film Formation of Waterborne 2K Polyurethanes: Effect of Polyols Containing Different Carboxylic Acid Content. Macromolecules, 2021, 54, 7943-7954.	4.8	2
6	Block copolymer self-assembly: Polydisperse corona-forming blocks leading to uniform morphologies. CheM, 2021, 7, 2800-2821.	11.7	28
7	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.	4.8	12
8	Monitoring Polymer Diffusion in a Waterborne 2K Polyurethane Formulation Based on an Acrylic Polyol Latex. Macromolecules, 2020, 53, 10744-10753.	4.8	7
9	Characterization of an Aqueous Dispersion of a Hydrophilic Polyisocyanate for Waterborne Two-Pack Polyurethane Coatings. ACS Applied Polymer Materials, 2020, 2, 1491-1499.	4.4	15
10	Single-step self-assembly to uniform fiber-like core-crystalline block copolymer micelles. Chemical Communications, 2020, 56, 4595-4598.	4.1	8
11	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.	7.4	26
12	Rodlike Block Copolymer Micelles of Controlled Length in Water Designed for Biomedical Applications. Macromolecules, 2019, 52, 5231-5244.	4.8	38
13	Investigating Molecular Exchange between Partially Cross-Linked Polymer Particles Prepared by a Secondary Dispersion Process. Macromolecules, 2019, 52, 5245-5254.	4.8	5
14	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
15	Molecular Aspects of Film Formation of Partially Cross-Linked Water-Borne Secondary Dispersions that Show Skin Formation upon Drying. Macromolecules, 2019, 52, 9536-9544.	4.8	8
16	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
17	Monitoring Collapse of Uniform Cylindrical Brushes with a Thermoresponsive Corona in Water. ACS Macro Letters, 2018, 7, 166-171.	4.8	12
18	PFS-b-PNIPAM: A First Step toward Polymeric Nanofibrillar Hydrogels Based on Uniform Fiber-Like Micelles. Macromolecules, 2016, 49, 4265-4276.	4.8	28

#	Article	IF	Citations
19	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
20	Macromolecules based on recognition between cyclodextrin and guest molecules: Synthesis, properties and functions. European Polymer Journal, 2015, 65, 63-81.	5.4	51
21	Photocleavage of the Corona Chains of Rigid-Rod Block Copolymer Micelles. Macromolecules, 2015, 48, 2254-2262.	4.8	20
22	Synthesis and Self-Assembly of CO₂â€“Temperature Dual Stimuli-Responsive Triblock Copolymers. Macromolecules, 2014, 47, 2938-2946.	4.8	143
23	Slow morphology evolution of block copolymerâ€“quantum dot hybrid networks in solution. Soft Matter, 2013, 9, 8887.	2.7	7