

# Hang Zhou

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

601  
citations

759233

12  
h-index

642732

23  
g-index

23  
all docs

23  
docs citations

23  
times ranked

797  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and Self-Assembly of CO <sub>2</sub> -Temperature Dual Stimuli-Responsive Triblock Copolymers. <i>Macromolecules</i> , 2014, 47, 2938-2946.	4.8	143
2	Crystallization-Driven Solution Self-Assembly of Block Copolymers with a Photocleavable Junction. <i>Journal of the American Chemical Society</i> , 2015, 137, 2203-2206.	13.7	64
3	Macromolecules based on recognition between cyclodextrin and guest molecules: Synthesis, properties and functions. <i>European Polymer Journal</i> , 2015, 65, 63-81.	5.4	51
4	Competitive Self-Assembly Kinetics as a Route To Control the Morphology of Core-Crystalline Cylindrical Micelles. <i>Journal of the American Chemical Society</i> , 2018, 140, 2619-2628.	13.7	51
5	Rodlike Block Copolymer Micelles of Controlled Length in Water Designed for Biomedical Applications. <i>Macromolecules</i> , 2019, 52, 5231-5244.	4.8	38
6	Synergistic self-seeding in one-dimension: a route to patchy and block comicelles with uniform and controllable length. <i>Chemical Science</i> , 2019, 10, 2280-2284.	7.4	38
7	PFS- <i>b</i> -PNIPAM: A First Step toward Polymeric Nanofibrillar Hydrogels Based on Uniform Fiber-Like Micelles. <i>Macromolecules</i> , 2016, 49, 4265-4276.	4.8	28
8	Block copolymer self-assembly: Polydisperse corona-forming blocks leading to uniform morphologies. <i>CheM</i> , 2021, 7, 2800-2821.	11.7	28
9	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> , 2020, 11, 4631-4643.	7.4	26
10	Photocleavage of the Corona Chains of Rigid-Rod Block Copolymer Micelles. <i>Macromolecules</i> , 2015, 48, 2254-2262.	4.8	20
11	Crystallization-Driven Self-Assembly of a Block Copolymer with Amphiphilic Pendant Groups. <i>Macromolecules</i> , 2021, 54, 930-940.	4.8	17
12	Characterization of an Aqueous Dispersion of a Hydrophilic Polyisocyanate for Waterborne Two-Pack Polyurethane Coatings. <i>ACS Applied Polymer Materials</i> , 2020, 2, 1491-1499.	4.4	15
13	Spherulite-Like Micelles. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 10950-10956.	13.8	15
14	Monitoring Collapse of Uniform Cylindrical Brushes with a Thermoresponsive Corona in Water. <i>ACS Macro Letters</i> , 2018, 7, 166-171.	4.8	12
15	An Amphiphilic Corona-Forming Block Promotes Formation of a Variety of 2D Platelets via Crystallization-Driven Block Copolymer Self-Assembly. <i>Macromolecules</i> , 2021, 54, 9761-9772.	4.8	12
16	Molecular Aspects of Film Formation of Partially Cross-Linked Water-Borne Secondary Dispersions that Show Skin Formation upon Drying. <i>Macromolecules</i> , 2019, 52, 9536-9544.	4.8	8
17	Single-step self-assembly to uniform fiber-like core-crystalline block copolymer micelles. <i>Chemical Communications</i> , 2020, 56, 4595-4598.	4.1	8
18	Slow morphology evolution of block copolymer-quantum dot hybrid networks in solution. <i>Soft Matter</i> , 2013, 9, 8887.	2.7	7

#	ARTICLE	IF	CITATIONS
19	Monitoring Polymer Diffusion in a Waterborne 2K Polyurethane Formulation Based on an Acrylic Polyol Latex. <i>Macromolecules</i> , 2020, 53, 10744-10753.	4.8	7
20	Investigating Molecular Exchange between Partially Cross-Linked Polymer Particles Prepared by a Secondary Dispersion Process. <i>Macromolecules</i> , 2019, 52, 5245-5254.	4.8	5
21	Spherulite-Like Micelles. <i>Angewandte Chemie</i> , 2021, 133, 11045-11051.	2.0	4
22	Monitoring the reaction kinetics of waterborne 2-pack polyurethane coatings in the dispersion and during film formation. <i>Canadian Journal of Chemical Engineering</i> , 2022, 100, 703-713.	1.7	2
23	Film Formation of Waterborne 2K Polyurethanes: Effect of Polyols Containing Different Carboxylic Acid Content. <i>Macromolecules</i> , 2021, 54, 7943-7954.	4.8	2