

James Jennings

List of Publications by Year in descending order

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831
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#	ARTICLE	IF	CITATIONS
1	Highly Stretchable Conductive Covalent Coacervate Gels for Electronic Skin. <i>Biomacromolecules</i> , 2022, 23, 1423-1432.	2.6	5
2	Control of the aqueous solubility of cellulose by hydroxyl group substitution and its effect on processing. <i>Polymer</i> , 2021, 223, 123681.	1.8	9
3	Small-Angle X-Ray Scattering Studies of Block Copolymer Nano-Objects: Formation of Ordered Phases in Concentrated Solution During Polymerization-Induced Self-Assembly. <i>Angewandte Chemie</i> , 2021, 133, 13065-13073.	1.6	3
4	Small-Angle X-Ray Scattering Studies of Block Copolymer Nano-Objects: Formation of Ordered Phases in Concentrated Solution During Polymerization-Induced Self-Assembly. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 12955-12963.	7.2	13
5	Soft Materials that Intercept, Respond to, and Sequester Bacterial Siderophores. <i>Chemistry of Materials</i> , 2021, 33, 5401-5412.	3.2	2
6	Synthesis and Aqueous Solution Properties of Shape-Shifting Stimulus-Responsive Diblock Copolymer Nano-Objects. <i>Chemistry of Materials</i> , 2021, 33, 7767-7779.	3.2	17
7	Shape-shifting thermoreversible diblock copolymer nano-objects <i>via</i> RAFT aqueous dispersion polymerization of 4-hydroxybutyl acrylate. <i>Chemical Science</i> , 2021, 12, 13719-13729.	3.7	17
8	Synthesis of High χ -Low N Diblock Copolymers by Polymerization-Induced Self-Assembly. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 10848-10853.	7.2	20
9	Protonation-Driven Aqueous Lyotropic Self-Assembly of Synthetic Six-Tail Lipidoids. <i>Langmuir</i> , 2020, 36, 8240-8252.	1.6	5
10	Bacterial Quorum Sensing Signals Self-Assemble in Aqueous Media to Form Micelles and Vesicles: An Integrated Experimental and Molecular Dynamics Study. <i>Journal of Physical Chemistry B</i> , 2020, 124, 3616-3628.	1.2	12
11	Synthesis of High χ -Low N Diblock Copolymers by Polymerization-Induced Self-Assembly. <i>Angewandte Chemie</i> , 2020, 132, 10940-10945.	1.6	6
12	Highly compressive and stretchable poly(ethylene glycol) based hydrogels synthesised using pH-responsive nanogels without free-radical chemistry. <i>Nanoscale</i> , 2019, 11, 7921-7930.	2.8	21
13	Nanoporous Polymer Networks Templated by Gemini Surfactant Lyotropic Liquid Crystals. <i>Chemistry of Materials</i> , 2018, 30, 185-196.	3.2	25
14	Stearyl Methacrylate-Based Polymers as Crystal Habit Modifiers for Triacylglycerols. <i>Crystal Growth and Design</i> , 2018, 18, 7094-7105.	1.4	7
15	One-pot synthesis of micron-sized polybetaine particles; innovative use of supercritical carbon dioxide. <i>Polymer Chemistry</i> , 2017, 8, 4557-4564.	1.9	2
16	A Reactive Platform Approach for the Rapid Synthesis and Discovery of High χ /Low N Block Polymers. <i>Macromolecules</i> , 2016, 49, 6268-6276.	2.2	36
17	Synthesis and Characterization of Backbone Degradable Azlactone-Functionalized Polymers. <i>Macromolecules</i> , 2016, 49, 5514-5526.	2.2	26
18	Block copolymer synthesis by controlled/living radical polymerisation in heterogeneous systems. <i>Chemical Society Reviews</i> , 2016, 45, 5055-5084.	18.7	108

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19	How does dense phase CO ₂ influence the phase behaviour of block copolymers synthesised by dispersion polymerisation?. <i>Polymer Chemistry</i> , 2016, 7, 905-916.	1.9	25
20	Synthetic Mimics of Bacterial Lipid A Trigger Optical Transitions in Liquid Crystal Microdroplets at Ultralow Picogram-per-Milliliter Concentrations. <i>Langmuir</i> , 2015, 31, 12850-12855.	1.6	25
21	A high pressure cell for supercritical CO ₂ on-line chemical reactions studied with x-ray techniques. <i>Review of Scientific Instruments</i> , 2014, 85, 093905.	0.6	17
22	Advantages of Block Copolymer Synthesis by RAFT-Controlled Dispersion Polymerization in Supercritical Carbon Dioxide. <i>Macromolecules</i> , 2013, 46, 6843-6851.	2.2	78
23	One-Pot Synthesis of Block Copolymers in Supercritical Carbon Dioxide: A Simple Versatile Route to Nanostructured Microparticles. <i>Journal of the American Chemical Society</i> , 2012, 134, 4772-4781.	6.6	93