

Nan K Li

List of Publications by Year in descending order

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22
times ranked

950
citing authors

#	ARTICLE	IF	CITATIONS
1	A Comparison between the Lower Critical Solution Temperature Behavior of Polymers and Biomacromolecules. <i>Physchem</i> , 2022, 2, 52-71.	1.1	1
2	Dissipative Particle Dynamics Approaches to Modeling the Self-Assembly and Morphology of Neutral and Ionic Block Copolymers in Solution. <i>Molecular Modeling and Simulation</i> , 2021, , 75-100.	0.2	1
3	Insights into Structure and Aggregation Behavior of Elastin-like Polypeptide Coacervates: All-Atom Molecular Dynamics Simulations. <i>Journal of Physical Chemistry B</i> , 2021, 125, 8627-8635.	2.6	18
4	In silico structure prediction of full-length cotton cellulose synthase protein (GhCESA1) and its hierarchical complexes. <i>Cellulose</i> , 2020, 27, 5597-5616.	4.9	13
5	Intrinsically disordered proteins access a range of hysteretic phase separation behaviors. <i>Science Advances</i> , 2019, 5, eaax5177.	10.3	64
6	Atomic-level engineering and imaging of polypeptoid crystal lattices. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 22491-22499.	7.1	48
7	Cooperative Intramolecular Hydrogen Bonding Strongly Enforces <i>cis</i> -Peptoid Folding. <i>Journal of the American Chemical Society</i> , 2019, 141, 19436-19447.	13.7	46
8	Sequence Directionality Dramatically Affects LCST Behavior of Elastin-Like Polypeptides. <i>Biomacromolecules</i> , 2018, 19, 2496-2505.	5.4	35
9	Functional Modification of Silica through Enhanced Adsorption of Elastin-Like Polypeptide Block Copolymers. <i>Biomacromolecules</i> , 2018, 19, 298-306.	5.4	11
10	Salt Responsive Morphologies of ssDNA-Based Triblock Polyelectrolytes in Semi-Dilute Regime: Effect of Volume Fractions and Polyelectrolyte Length. <i>Macromolecular Rapid Communications</i> , 2017, 38, 1700422.	3.9	11
11	Emulsion-Based RIR-MAPLE Deposition of Conjugated Polymers: Primary Solvent Effect and Its Implications on Organic Solar Cell Performance. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 19494-19506.	8.0	30
12	LCST Behavior is Manifested in a Single Molecule: Elastin-Like polypeptide (VPGVG) _n . <i>Biomacromolecules</i> , 2016, 17, 111-118.	5.4	76
13	Prediction of solvent-induced morphological changes of polyelectrolyte diblock copolymer micelles. <i>Soft Matter</i> , 2015, 11, 8236-8245.	2.7	34
14	Characterization of Nucleic Acid Compaction with Histone-Mimic Nanoparticles through All-Atom Molecular Dynamics. <i>ACS Nano</i> , 2015, 9, 12374-12382.	14.6	28
15	An Implicit Solvent Ionic Strength (ISIS) Method to Model Polyelectrolyte Systems with Dissipative Particle Dynamics. <i>Macromolecular Theory and Simulations</i> , 2015, 24, 7-12.	1.4	16
16	Progress in molecular modelling of DNA materials. <i>Molecular Simulation</i> , 2014, 40, 777-783.	2.0	17
17	Enzymatic Polymerization of High Molecular Weight DNA Amphiphiles That Self-Assemble into Star-Like Micelles. <i>Advanced Materials</i> , 2014, 26, 3050-3054.	21.0	31
18	Molecular Description of the LCST Behavior of an Elastin-Like Polypeptide. <i>Biomacromolecules</i> , 2014, 15, 3522-3530.	5.4	146

#	ARTICLE	IF	CITATIONS
19	Controlling electroosmotic flow by polymer coating: a dissipative particle dynamics study. <i>Microfluidics and Nanofluidics</i> , 2011, 10, 977-990.	2.2	31
20	Electroosmotic flow in a nanofluidic channel coated with neutral polymers. <i>Microfluidics and Nanofluidics</i> , 2010, 9, 1051-1062.	2.2	30