

Bhargav Sai Chava

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	All-atom molecular dynamics simulations of weak polyionic brushes: influence of charge density on the properties of polyelectrolyte chains, brush-supported counterions, and water molecules. <i>Soft Matter</i> , 2020, 16, 7808-7822.	2.7	12
2	Hydrogen Bonding and Its Effect on the Orientational Dynamics of Water Molecules inside Polyelectrolyte Brush-Induced Soft and Active Nanoconfinement. <i>Macromolecules</i> , 2021, 54, 2011-2021.	4.8	11
3	All-Atom Molecular Dynamics Simulations of the Temperature Response of Densely Grafted Polyelectrolyte Brushes. <i>Macromolecules</i> , 2021, 54, 6342-6354.	4.8	11
4	Charge-Density-Specific Response of Grafted Polyelectrolytes to Electric Fields: Bending or Tilting?. <i>Macromolecules</i> , 2022, 55, 2413-2423.	4.8	7
5	Water-free Localization of Anion at Anode for Small-Concentration Water-in-Salt Electrolytes Confined in Boron-Nitride Nanotube. <i>Cell Reports Physical Science</i> , 2020, 1, 100246.	5.6	4
6	Boron Nitride Nanotubeâ€“Saltâ€“Water Hybrid: Toward Zero-Dimensional Liquid Water and Highly Trapped Immobile Single Anions Inside One-Dimensional Nanostructures. <i>Journal of Physical Chemistry C</i> , 2021, 125, 14006-14013.	3.1	3
7	Atomistic explorations of mechanisms dictating the shear thinning behavior and 3D printability of graphene flake infused epoxy inks. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 24634-24645.	2.8	3