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List of Publications

1. Raju Lunkad, **Arpita Srivastava** and Ananya Debnath, Influence of water concentrations on the phase transformation of a model surfactant/co-surfactant/water system **2017**, *Chemical Physics* *483-484*, 103.
2. **Arpita Srivastava** and Ananya Debnath, Cylindrical to Spherical Shape transformations of Micelles using All-Atom and Coarse-Grained Molecular Dynamics Simulations **2019**, *AIP Conference Proceedings*, *2142*, 130004.
3. **Arpita Srivastava** and Ananya Debnath, Asymmetry and rippling in mixed surfactant bilayers from all-atom and coarse-grained simulations: Interdigitation and per chain entropy **2020**, *Journal of Physical Chemistry B*, *124*, 6420.
4. Sahnawaz Ahmed, Bapan Pramanik, K. N. Amba Sankar, Abhinav Srivastava, Nilotpal Singha, Payel Dowari, **Arpita Srivastava**, Kallol Mohanta, Ananya Debnath and Debapratim Das, Solvent Assisted Tuning of Morphology of a Peptide-Perylenediimide Conjugate: Helical Fibers to Nano-Rings and their Differential Semiconductivity **2017**, *Scientific Reports*, *9485*, 1.
5. **Arpita Srivastava**, Avinash Garg, Debapratim Das and Ananya Debnath, Molecular dynamics simulations of a stacked π -conjugated soft material: binding energy and preferential geometry for self-assembly **2020**, *Bulletin of Materials Science (Invited for Thematic issue on Soft Materials)*, *43*, 1.
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