

List of publications

- Abhinav Srivastava and Ananya Debnath, *Hydration Dynamics of a Lipid Membrane : Hydrogen Bond Networks and Lipid-Lipid Associations*, Journal of Chemical Physics, **148**, 094901, 2018.
- Abhinav Srivastava, Sheeba Malik and Ananya Debnath, *Heterogeneity in Structure and Dynamics of Water near Bilayers using TIP3P and TIP4P/2005 Water Models*, Chemical Physics, **525**, 110396, 2019.
- Abhinav Srivastava, Smarajit Karmakar and Ananya Debnath, *Quantification of Spatio-Temporal Scales of Dynamical Heterogeneity of Water near Lipid Membranes above Supercooling*, Soft Matter, **15**, 9805, 2019.
- Abhinav Srivastava, Sheeba Malik, Smarajit Karmakar and Ananya Debnath, *Dynamic coupling of hydration layer to a fluid phospholipid membrane: Intermittency and multiple time-scale relaxations*, (accepted in Physical Chemistry Chemical Physics, 2020).