

葡萄糖水溶液氢键结构和动力分析

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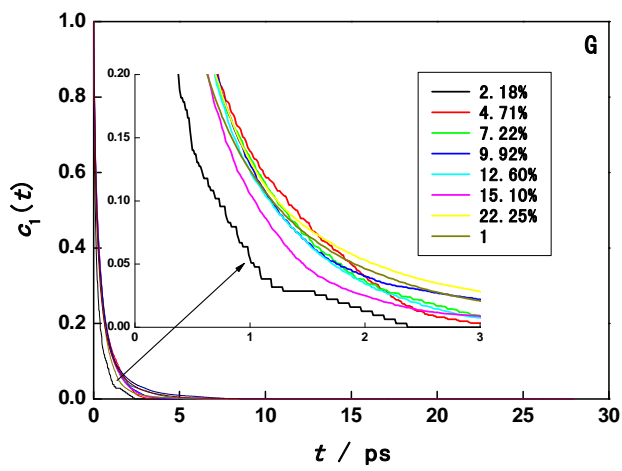
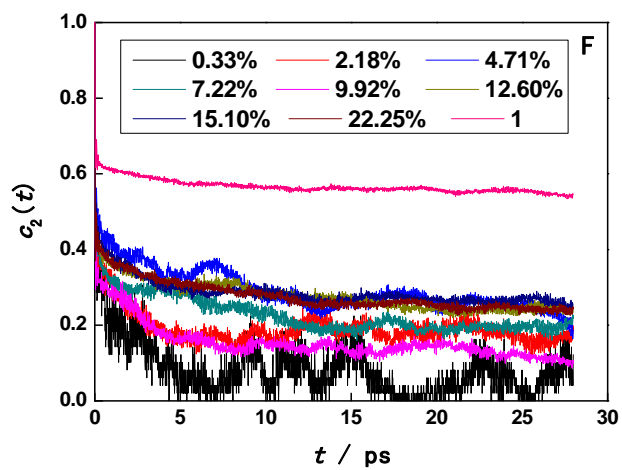
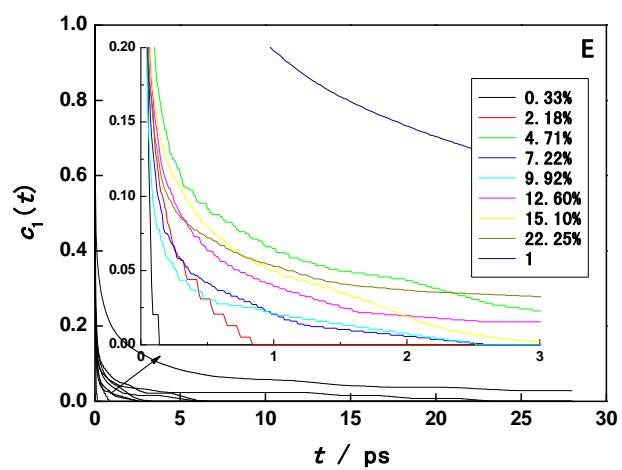
Structure and Kinetics of Hydrogen Bonds in Aqueous Glucose Solutions

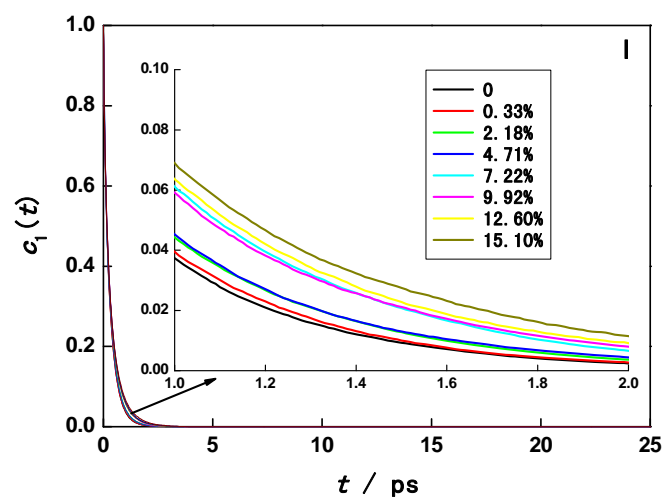
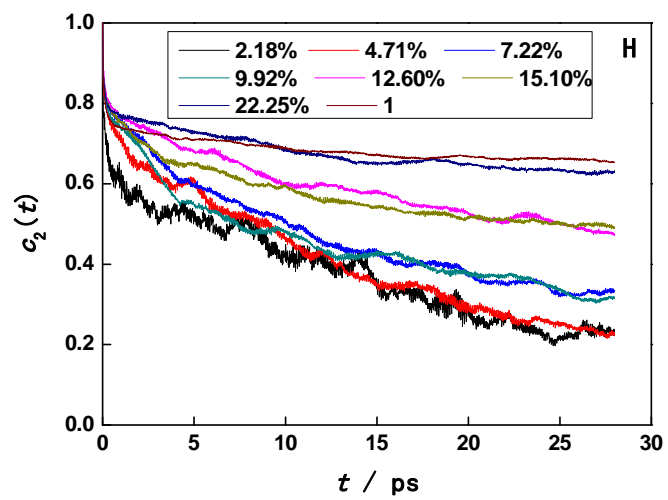
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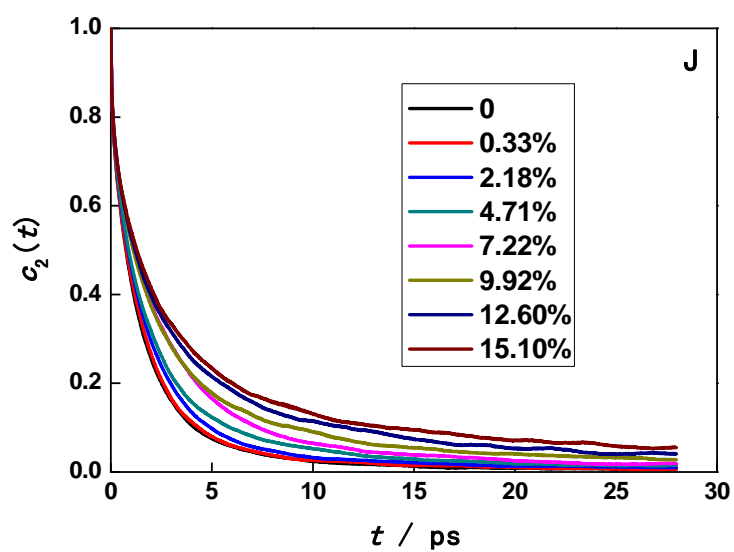


图 S1 不同浓度下，葡萄糖溶液中氢键的自相关函数 $c_1(t)$ 和 $c_2(t)$ 随时间 t 的变化

Fig.S1 Autocorrelation functions for hydrogen bonds in glucose aqueous solutions with different concentrations as a function of time t

E and F are for intra-hydrogen bonds in glucose molecules, G and H are for hydrogen bonds between glucose molecules, I and J are for hydrogen bonds between water molecules. As values for $c_1(t)$ are very close in different glucose aqueous solutions, they are enlarged in the same figures.