

**Using molecular simulation to understand the structure of [C₂C₁im]⁺ -
alkylsulfate ionic liquids: bulk and liquid – vapor interfaces**

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Supporting Information

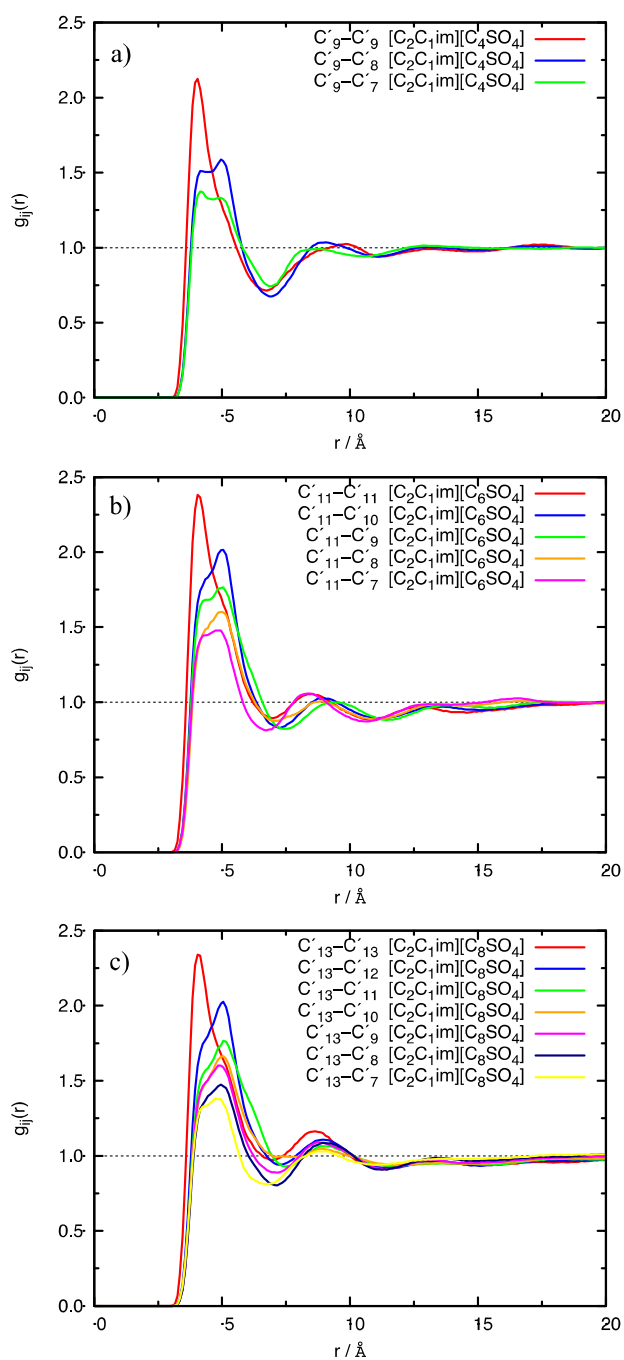


Figure S1. Site-site radial distribution functions of representative atoms of the anions. a) $[\text{C}_2\text{C}_1\text{im}][\text{C}_4\text{SO}_4]$, b) $[\text{C}_2\text{C}_1\text{im}][\text{C}_6\text{SO}_4]$ and c) $[\text{C}_2\text{C}_1\text{im}][\text{C}_8\text{SO}_4]$. For labeling the reader is referred to Figure 1.