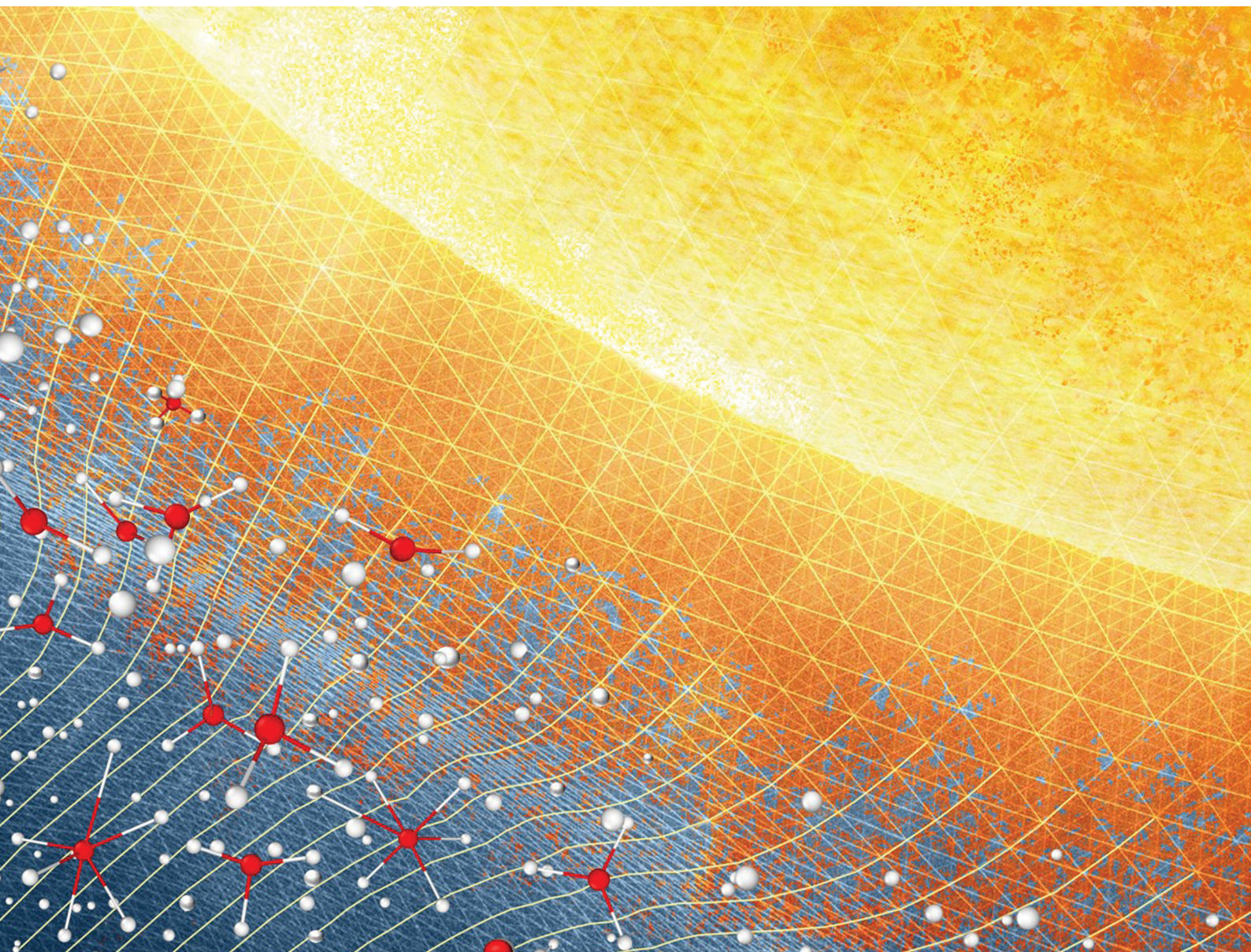


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**PAPER**

M. Soorani *et al.*  
Structural effects of incorporating  $\text{Cu}^+$  and  $\text{Cu}^{2+}$  ions  
into silicate bioactive glasses using molecular dynamics  
simulations