

Electrolyte Design Formulation For Redox Flow Batteries

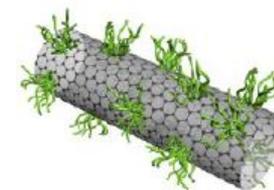
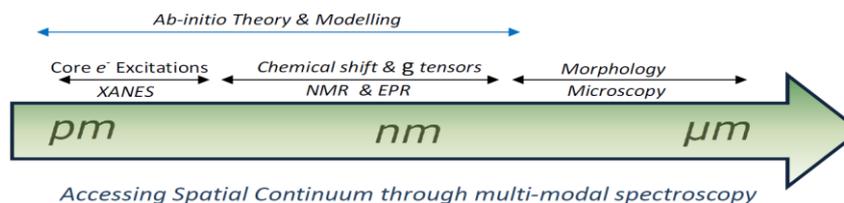
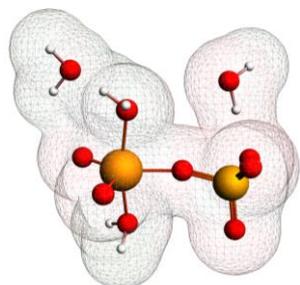
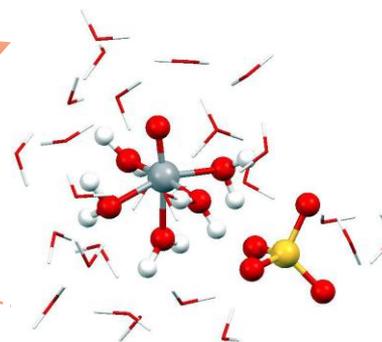
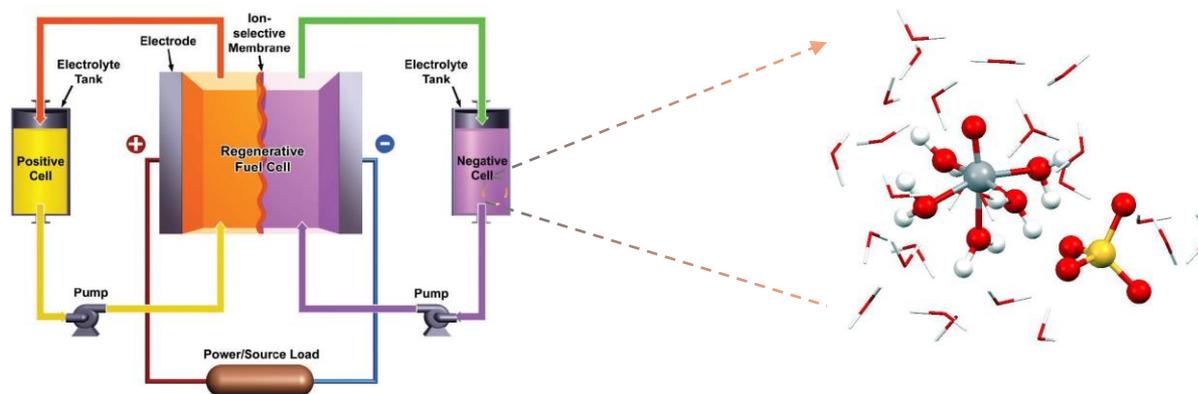


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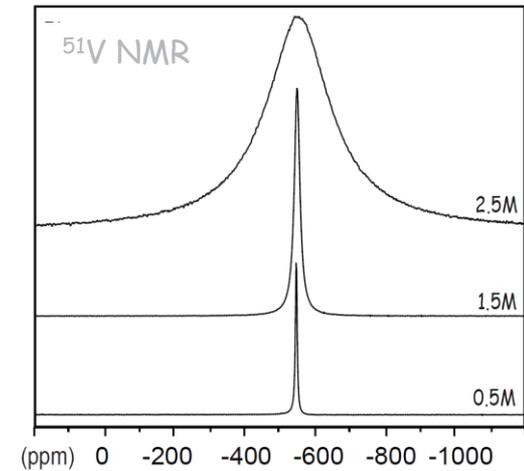
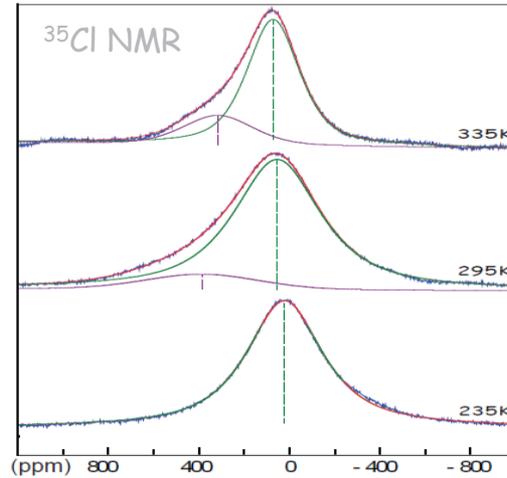
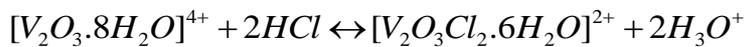
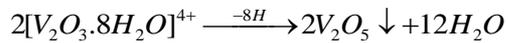
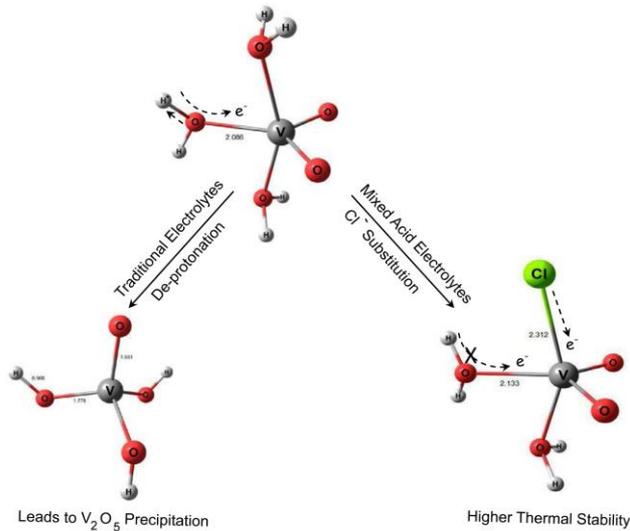
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Vijay Murugesan, Zimin Nie, Xiaoliang Wei, Bin Li, David Reed, Vince Sprenkle, Wei Wang

To gain predictive understanding of emergent processes (such as solubility and stability behaviors) and subsequently design of optimal electrolyte for redox flow batteries



Science behind the mixed acid success story



Fundamental level understanding of vanadium molecules helped us design a novel mixed acid based electrolyte system for redox flow batteries.