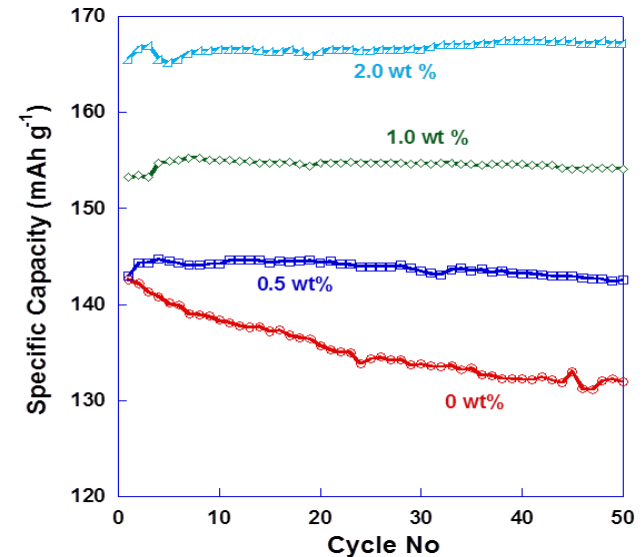


Aqueous electrode processing for lithium ion batteries

- **Elimination of toxic organic solvents**
 - Organic solvent free processing
 - Near theoretical capacity cycling
 - Extended cycle life
- **Reduction of processing cost for electrodes**
 - Aqueous processing via slot-die coating could reduce electrode coating cost by up to 75% and eliminate expensive, toxic NMP solvent.
 - Through application of colloidal chemistry, aqueous processing will be expanded to all lithium ion battery chemistries



David Wood III and Claus Daniel