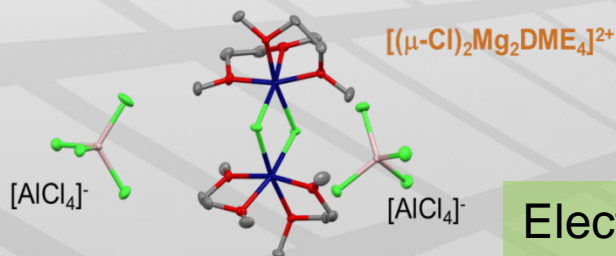


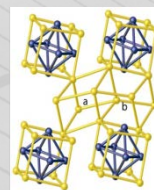
Advanced Magnesium Batteries

Guosheng Li, Yingwen Cheng, Ryan M. Stolley, Tianbiao Liu, and Vincent L. Sprenkle
Pacific Northwest National Laboratory

MgCl₂/AlCl₃/DME electrolyte (MgCl₂/AlCl₃=1:1)

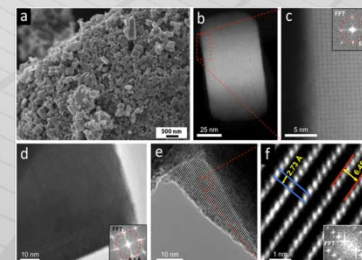


Electrolytes



Crystal Structure of Mo₆S₈

Cathode

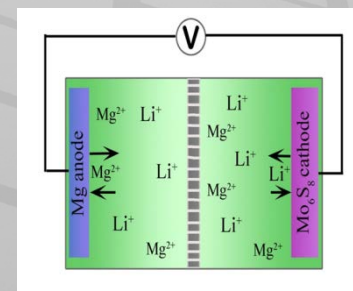
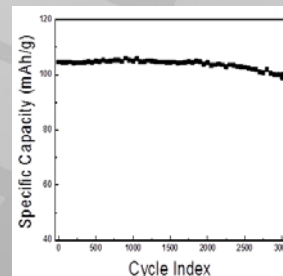
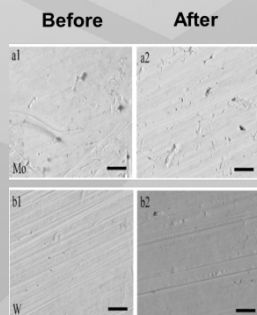
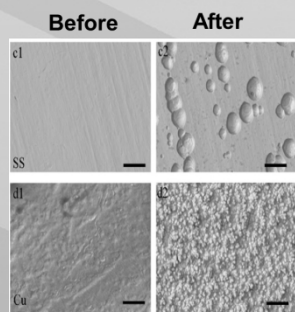


TEM and STEM Studies for Mo₆S₈ Nanoparticles

Current Collectors

Mg
Batteries

Mg/Li hybrid



Support from DOE Office of Electricity Delivery & Energy Reliability Energy Storage Program

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