

The importance of combining disorder with order for Li-ion insertion into cryogenically prepared nanoscopic ruthenia

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Supplementary information

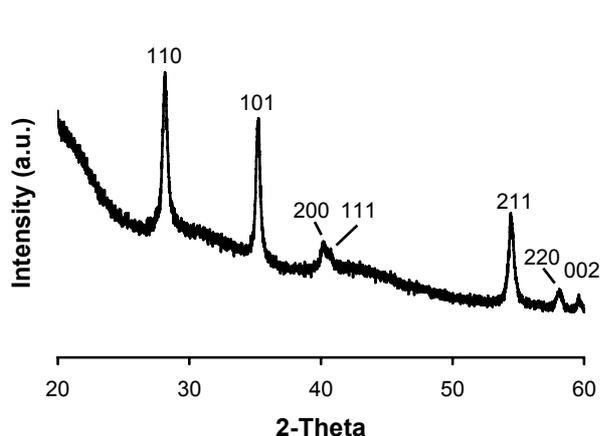


Fig. S1. X-ray powder diffraction pattern of cryo-RuO₂ after heating to 250 °C in flowing O₂(g).

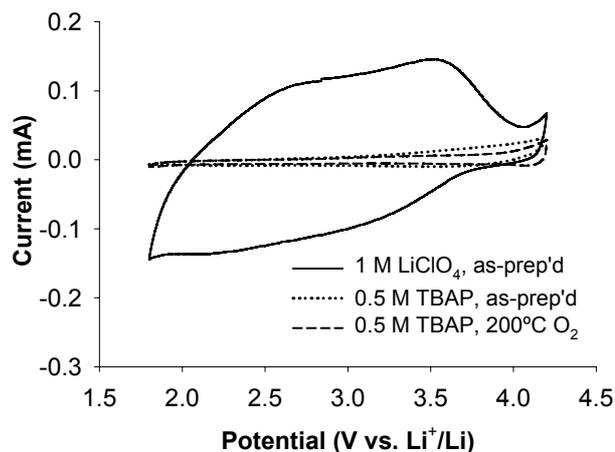


Fig. S2: A voltammetric comparison of cation insertion in as-prepared and rutile cryo-RuO₂ cycled at 1 mV s⁻¹ in 1 M LiClO₄/PC and 1 M TBAP/PC, respectively.

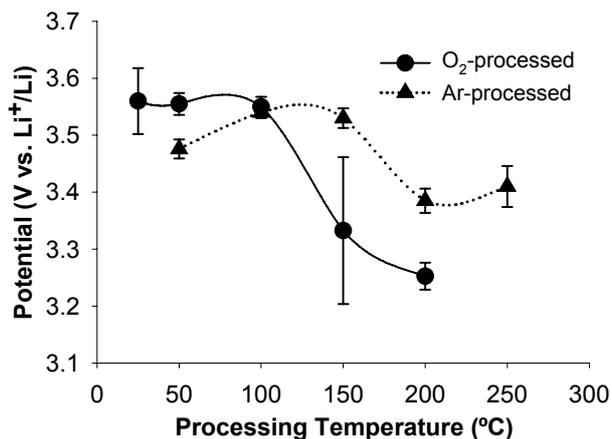


Fig. S3: The effect of processing temperature and bathing atmosphere on the open-circuit potential of cryo-RuO₂ electrodes.

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