

Supporting Information

# Improved Discharge Capacity of Zinc Particles by Applying Bismuth Doped Silica Coating for Zinc-Based Batteries

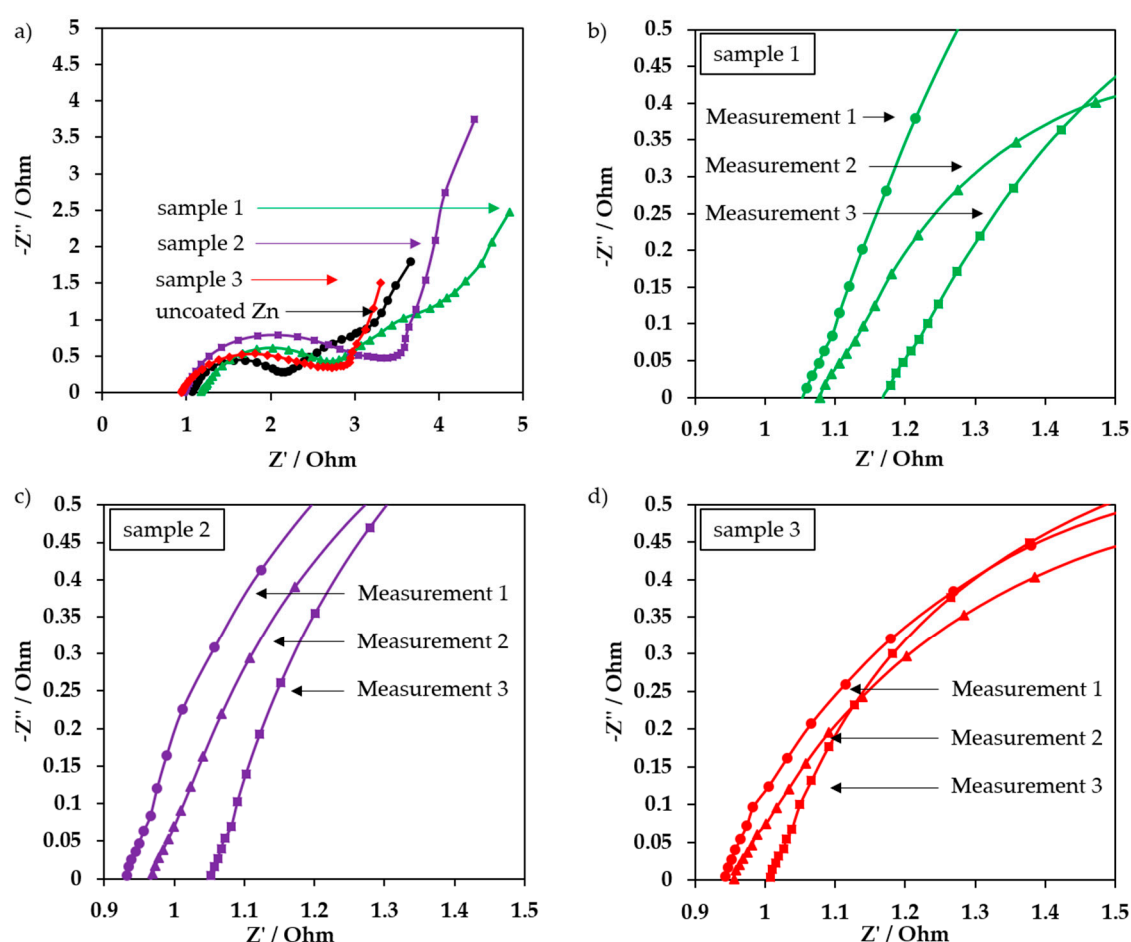
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Received: 11 January 2019; Accepted: 11 March 2019; Published: date



**Figure S1.** (a) Exemplary Nyquist plots of uncoated zinc, sample 1, sample 2 and sample 3. (b–d) Zoom on high-frequency region of EIS to determine  $R_i$  from three measurements for sample 1, sample 2, and sample 3