## Supporting information

# Dealloyed Porous $NiFe_2O_4$/NiO with Dual-Network Structure as High-Performance Anodes for Lithium-Ion Batteries

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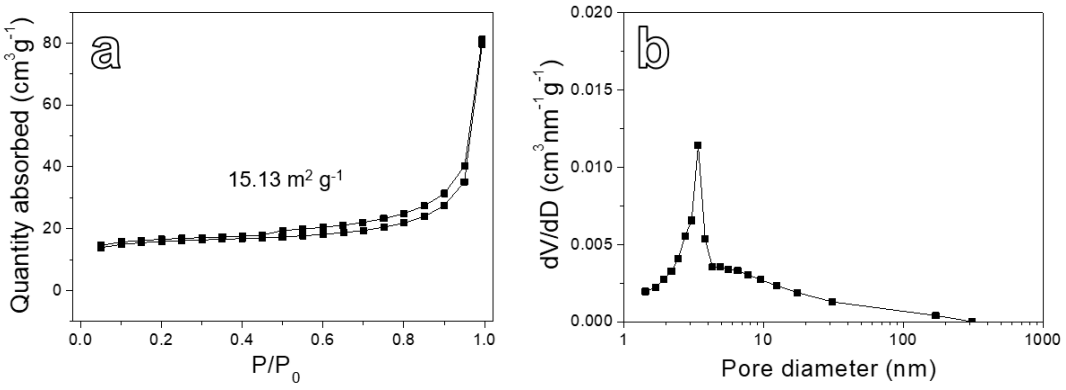


Figure S1. $N_2$ adsorption-desorption isotherm of the D12 sample (**a**) and corresponding pore size distribution (**b**)

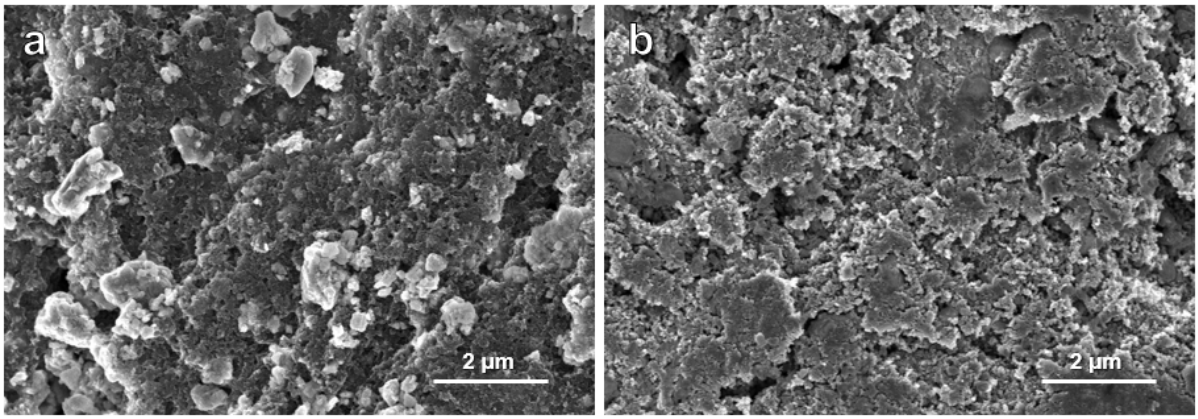


Figure S2. SEM images of the fresh electrodes: (a) D12. (b) D5.

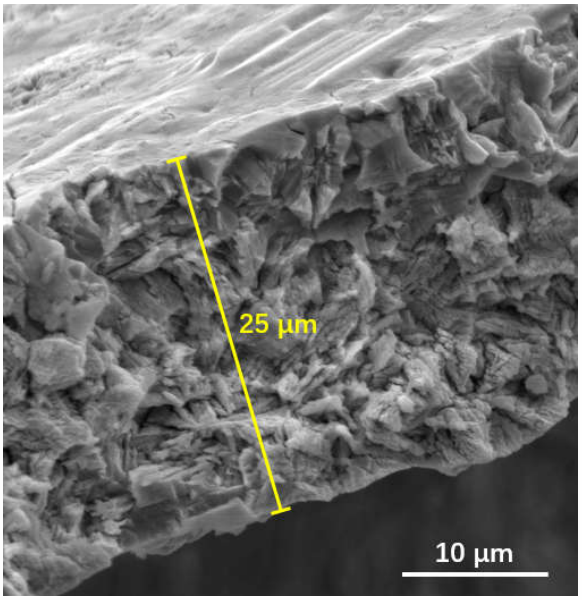


Figure S3. Cross-sectional SEM image of the original ribbon

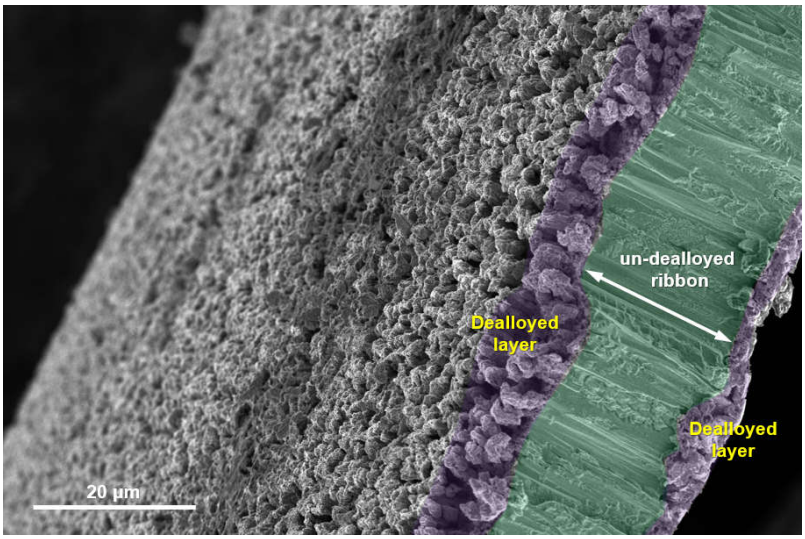

Figure S4. Cross-sectional SEM image of the dealloyed ribbon with etching time of 2 hours