## Supplementary data

## Binder effect on the battery performance of mesoporous copper ferrite nanoparticles with grain boundaries as anode materials

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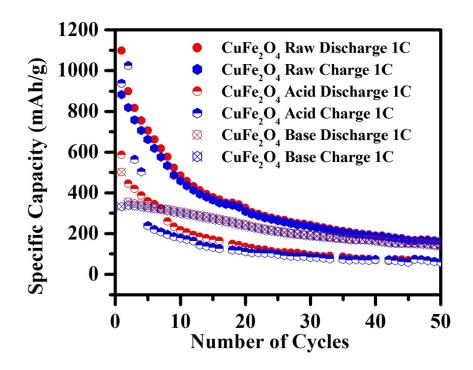
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**Figure S1.** Specific capacity Vs. number of cycles for  $CuFe_2O_4$  raw, acid and base samples obtained at 623 K with alginate binder cycled at 1C rate.