

## Supplementary Materials

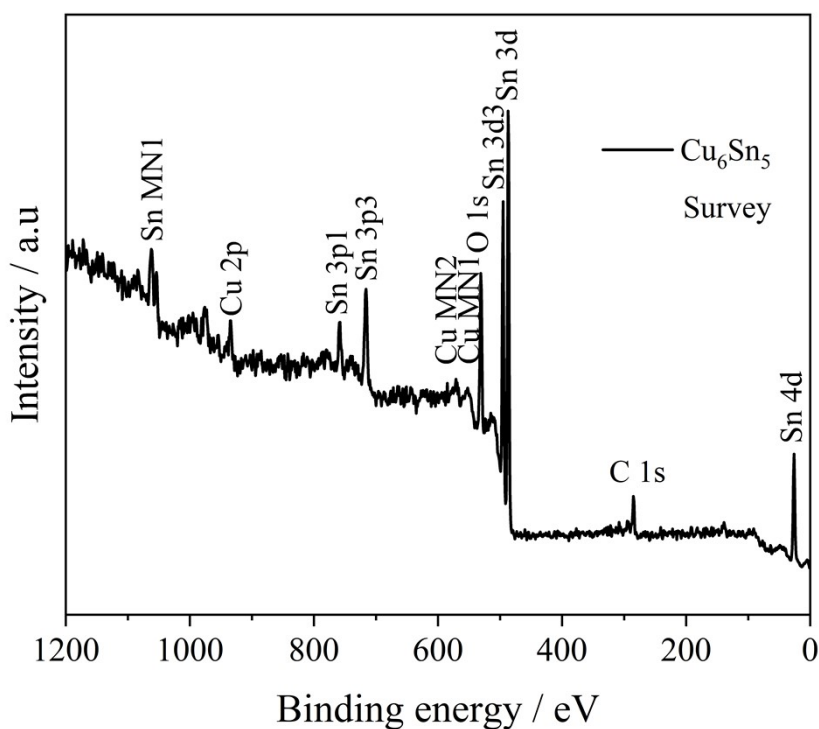
### *Electrochemical performance of $\text{Cu}_6\text{Sn}_5$ alloy anode materials for lithium-ion batteries fabricated by controlled electrodeposition*

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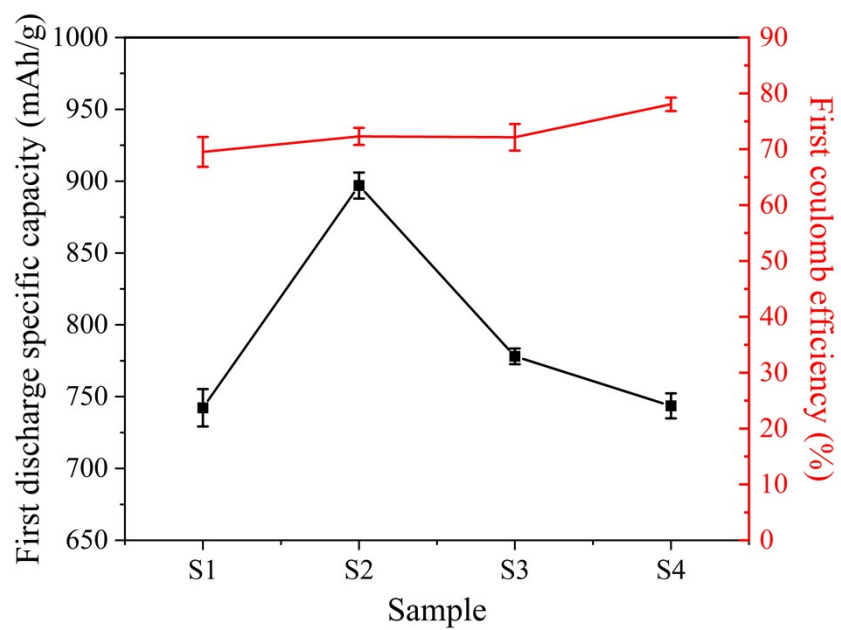
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**Fig. S1** XPS survey spectra of the S2 sample

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**Fig. S2** Error bars for the first discharge specific capacity and the first cycle efficiency of the S1, S2, S3, and S4 samples