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Microwave-assisted Synthesis of CuS/Graphene Composite for Enhanced Lithium Storage Properties

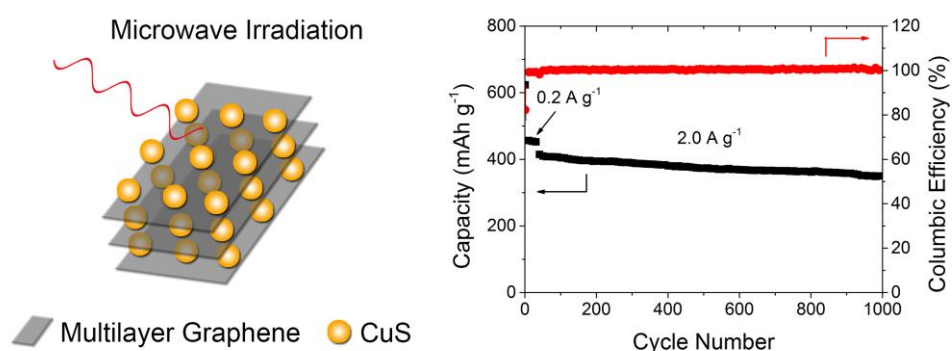
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Graphical abstract



Highlights

- CuS/graphene composite is synthesized via one-pot microwave-assisted method.
- CuS/graphene composite shows enhanced cycle stability and rate performance.
- The incorporation of graphene plays a vital role in the electrode.
- The kinetic mechanisms are investigated by EIS, CV and GITT methods.

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