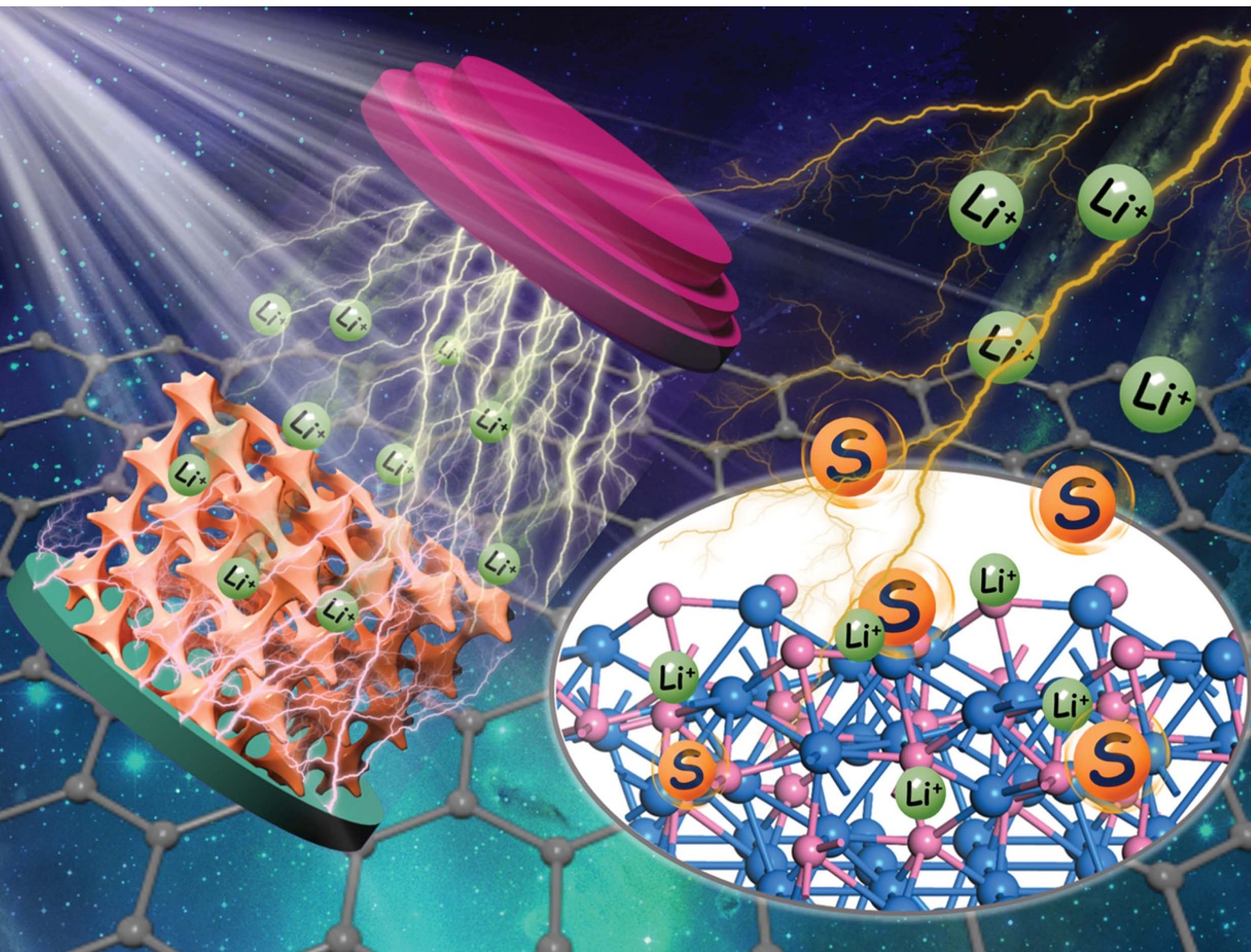


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**PAPER**

Mingfei Shao *et al.*

Boosting the rate performance of Li-S batteries under high mass-loading of sulfur based on a hierarchical NCNT@Co-CoP nanowire integrated electrode