Li$_2$S-embedded Copper Metal-Organic Framework Cathode with Superior Electrochemical Performance for Li-S Batteries

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Figure S1. XRD patterns of pristine CuMOF before and after 155 °C heating.
Figure S2. The specific capacity-potential curves of the CuMOF1S1 (a) and CuMOF1S3 (b) at 1<sup>st</sup>, 10<sup>th</sup>, 20<sup>th</sup>, 50<sup>th</sup> and 100<sup>th</sup> cycle.
Figure S3. Optimized structure of the pristine CuMOF by linear scaling DFT.
Figure S4. Cycle performance of pristine CuMOF (without S) cathode at a charge/discharge current density of 200 mAh g⁻¹.