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Electronic Supplementary Information (ESI)

Improvement of Rate Capability of All-Solid-State Cells with Fe-Based Polysulfide Positive Electrode Materials by Modifying Microstructure

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## **XANES** spectra

Figure S1 shows the S K-edge X-ray absorption near-edge structure (XANES) spectra for the Li<sub>8</sub>FeS<sub>5</sub>-Li<sub>2</sub>FeS<sub>2</sub> and Li<sub>8</sub>FeS<sub>5</sub>-H samples.

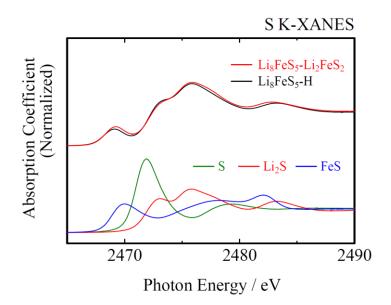


Figure S1 S K-edge XANES spectra for the  $Li_8FeS_5$ -H and  $Li_8FeS_5$ -Li\_2FeS\_2 samples. Li\_2S, S, and FeS were used as references.