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Supporting Information

Phosphorene as a Promising Anchoring Material for Lithium-Sulfur Batteries: A Computational Study

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**Fig. S1.** The optimized structures of various Li$_2$S$_x$ species.
Figure S2. The most stable configurations of (a) (Li$_2$S)$_4$ and (b) (Li$_2$S)$_{\text{full-coverage}}$ clusters adsorbed on phosphorene surface.