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Porous carbon derived from rice husks as sustainable bioresources: insights into the role of micro-/mesoporous hierarchy in hosting active species for lithium-sulphur batteries†‡

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†Dedicated to Professor James Clark on occasion of his 65th birthday.

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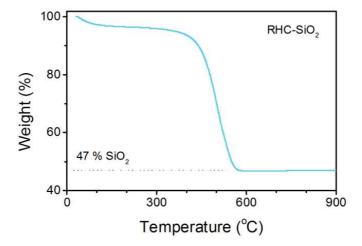


Fig. S1. TG of RHC-SiO $_2$ in O $_2$ atmosphere.

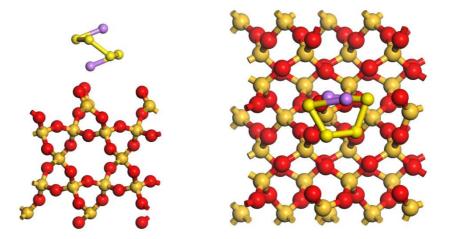


Fig. S2. The side view (left) and top view (right) of binding geometries a of a Li_2S_4 on (110) plane of SiO_2 with oxygen-terminated surface, which is derived from first-principle calculations based on density functional theory.