

Supporting Information

Application of Carbon Nanotube-based materials as Interlayers in High-performance Lithium-sulfur Batteries: A Review

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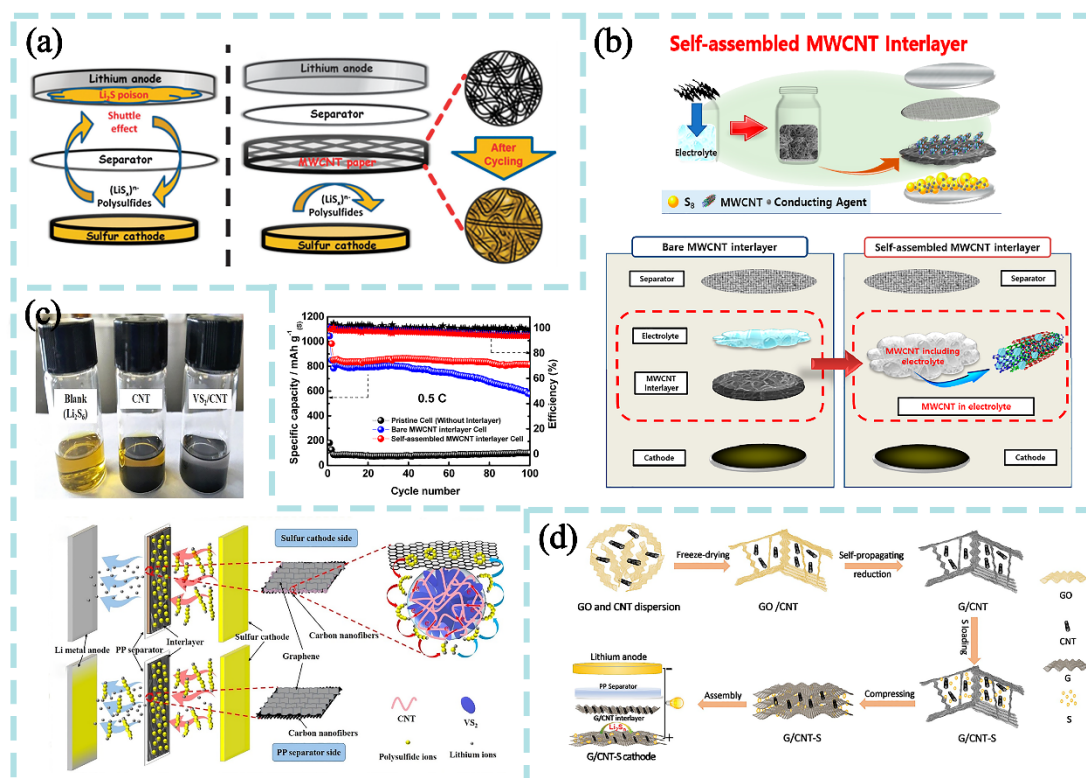


Figure S1 a) Schematic configuration of traditional Li-S battery and the cell with a MWCNTs interlayer; b) Schematic of the synthesis process of self-assembled MWCNTs interlayer and the difference between bare MWCNTs interlayer and self-assembled MWCNT interlayer and corresponding cyclic performance; c) Mechanism of CNF@VS₂/CNT@GN interlayer in Li-S batteries; d) Schematic illustration of the synthesis process of G/CNTs-S host and G/CNTs interlayer for Li-S batteries. a) Reproduced with permission. (Su and Manthiram, 2012) Copyright 2012, Royal Society of Chemistry. b) Reproduced with permission. (Kim et al., 2016) Copyright 2015, American Chemical Society. c) Reproduced with permission. (Wang et al., 2018) Copyright 2018, Elsevier Ltd. d) Reproduced with permission. (Shi et al., 2019) Copyright 2019, Elsevier Ltd.

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