

Synthesis and Sensing Performance of Chitin Fiber/MoS₂ Composites

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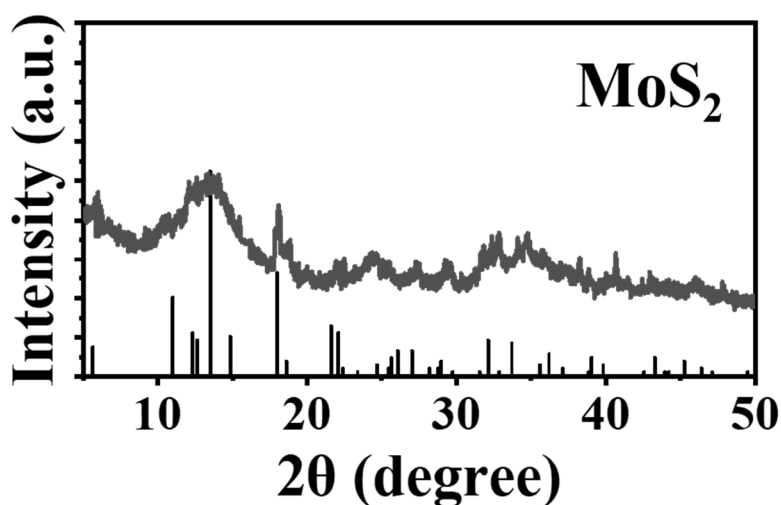


Figure S1. XRD patterns of MoS₂ with standard XRD JPCDS card of MoS₂.

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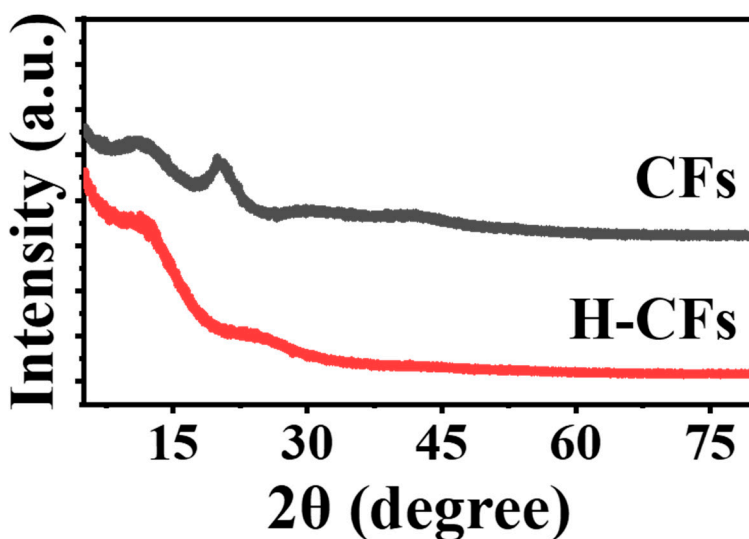


Figure S2. XRD patterns of CFs and H-CFs.

Table S1. Scanning analysis of C, N, O, S and Mo elements in EDS-Mapping.

Type of element	Atomic %	Intensity (c/s)	Atomic Ratio
C	37.550	1,102.90	1.0763
N	5.129	317.25	0.1470
O	34.888	2,273.73	1.0000
S	11.021	7,253.09	0.3159
Mo	11.412	6,841.62	0.3271
Total	100	--	--