Electronic Supplementary Material (ESI) for Inorganic Chemistry Frontiers.


**Supporting Information**

# A highly flexible and conductive graphene-wrapped carbon nanofiber membrane for high-performance electrocatalytic applications

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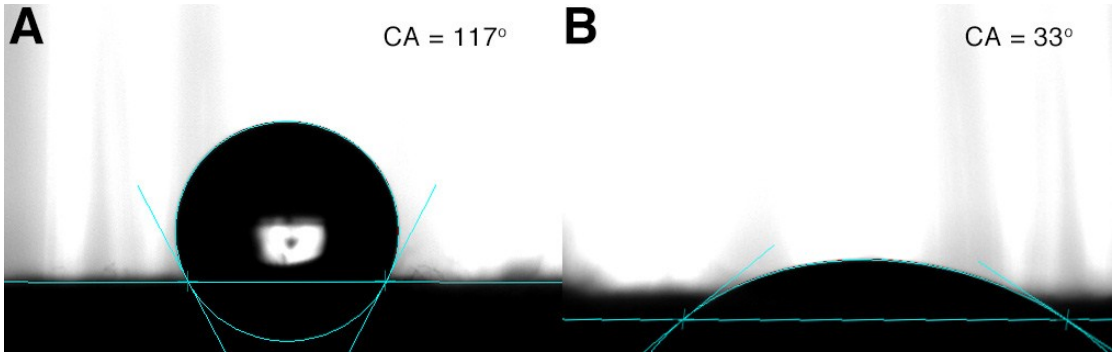


**Fig. S1** Contact angle measurements of PAN (A) and oPAN (B) nanofibrous membranes.

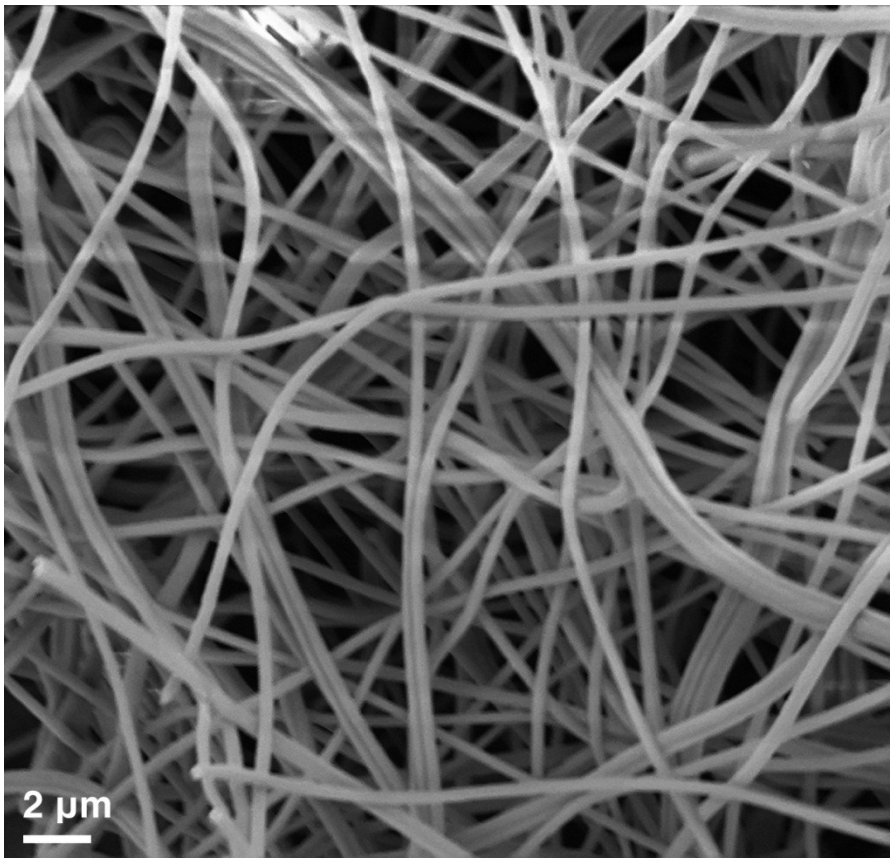


**Fig. S2** SEM image of the oPAN nanofibrous membrane showing high porosity.

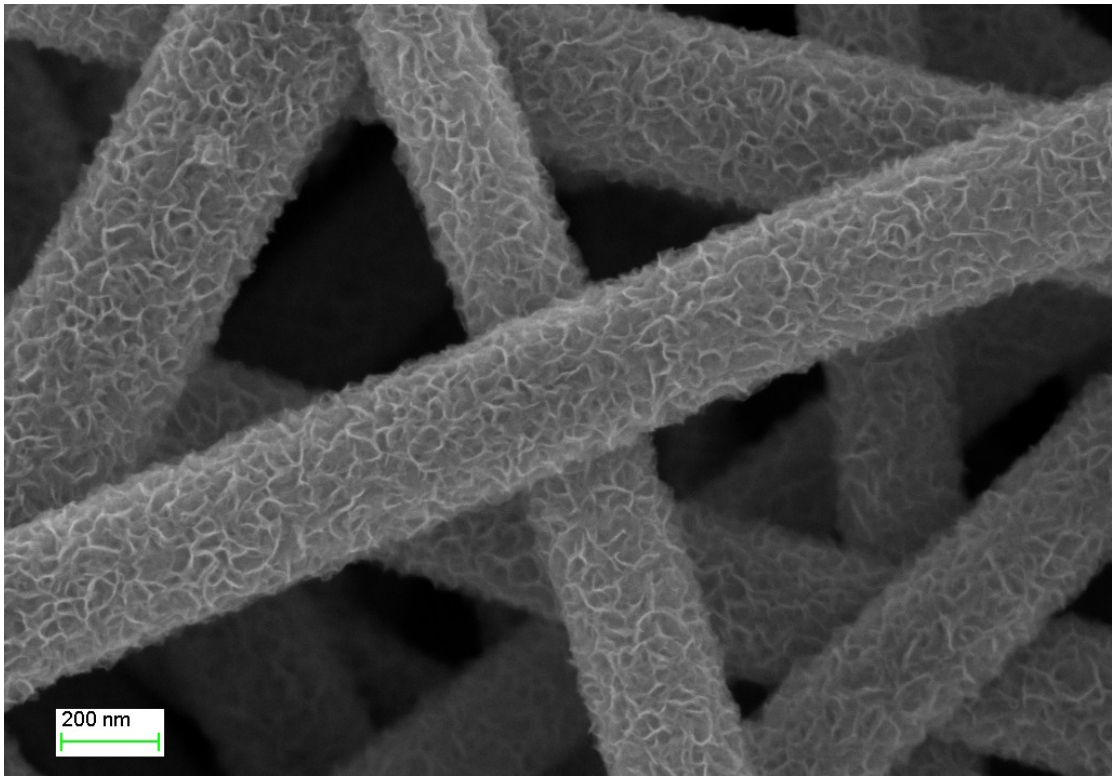


**Fig. S3** SEM image of CNF-$MoSe_2$ composite prepared (with the absence of graphene wrapping) under the same condition as the GwC-$MoSe_2$-3 composite.

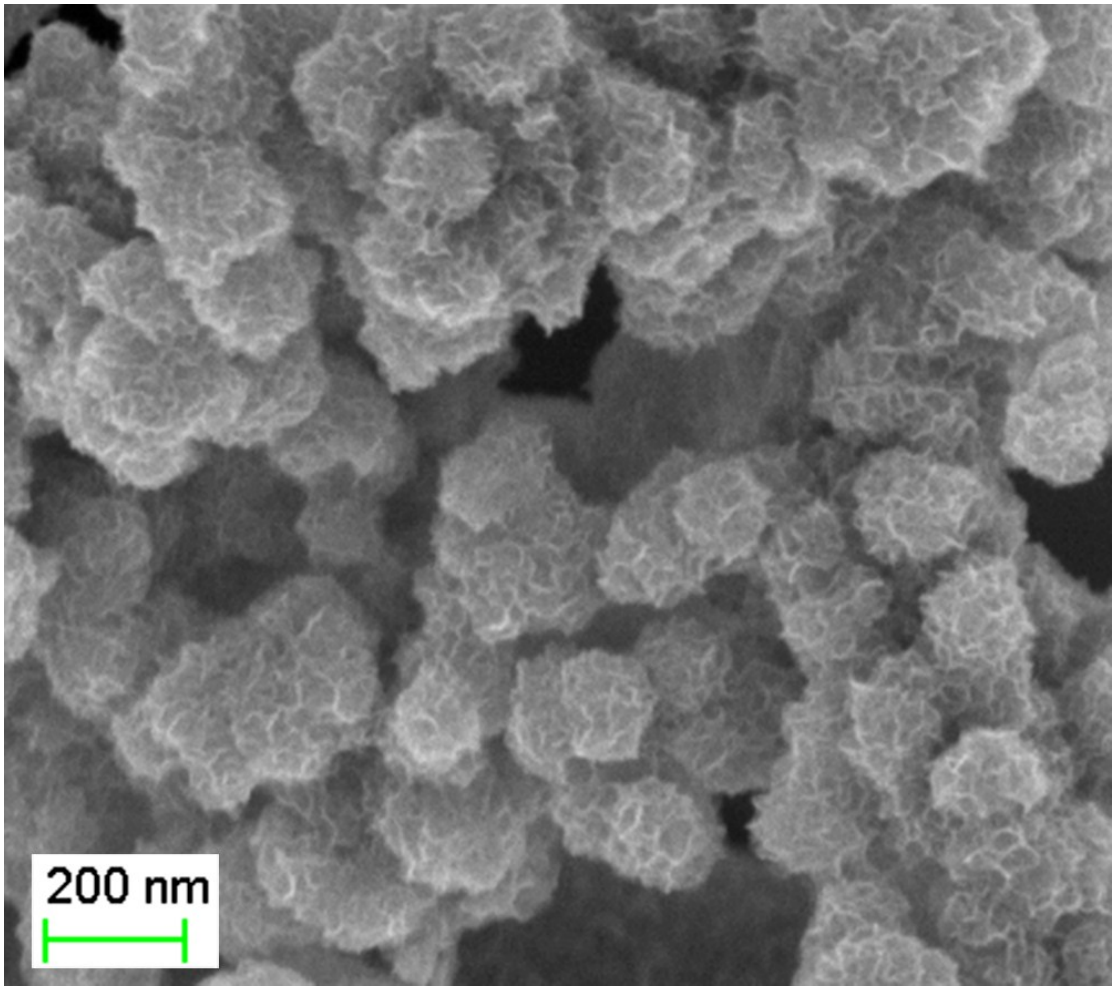


**Fig. S4** SEM image of pure $MoSe_2$ aggregates prepared at the absence of GwC, which shows wrinkled and spherical morphology.