

Supporting Information

Li-fluorine-codoped electrospun carbon nanofibers for enhanced hydrogen storage

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Contents

Fig. S1. XRD patterns of (a) 0.01F-PCNFs, (b) 0.05F-PCNFs, (c) 0.01Li-F-PCNFs and (d) 0.05Li-F-PCNFs composites

Fig. S2. SEM images of (a) PAN/PVP and (b) PAN/PVP/0.1PFSA.

Fig. S3. SEM images of PAN/PVP/0.01PFSA.

Fig. S4. SEM images of porous PAN/0.01PFSA.

Fig. S5. SEM images of 0.01F-PCNFs.

Fig. S6. SEM images of PAN/PVP/0.05PFSA.

Fig. S7. SEM images of porous PAN/0.05PFSA.

Fig. S8. SEM images of 0.05F-PCNFs.

Fig. S9. SEM images of porous PAN/0.01PFSA-Li.

Fig. S10. SEM images of 0.01Li-F-PCNFs composites.

Fig. S11. SEM images of porous PAN/0.05PFSA-Li.

Fig. S12. SEM images of 0.05Li-F-PCNFs composites.

Fig. S13. (a, b) HRTEM images and (c) EDS of 0.1Li-F-PCNFs composites.

Fig. S14. Nitrogen adsorption–desorption isotherms of 0.1Li-F-PCNFs composites
obtained at 77 K.

Fig. S15. Raman spectra of (a) 0.01F-PCNFs composites, (b) 0.05F-PCNFs
composites, and (c) 0.1F-PCNFs composites.

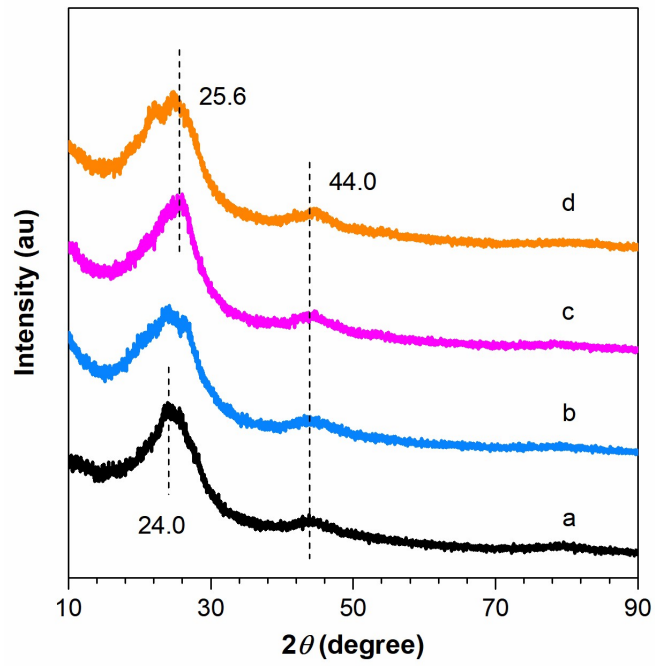


Fig. S1. XRD patterns of (a) 0.01F-PCNFs, (b) 0.05F-PCNFs, (c) 0.01Li-F-PCNFs and (d) 0.05Li-F-PCNFs composites

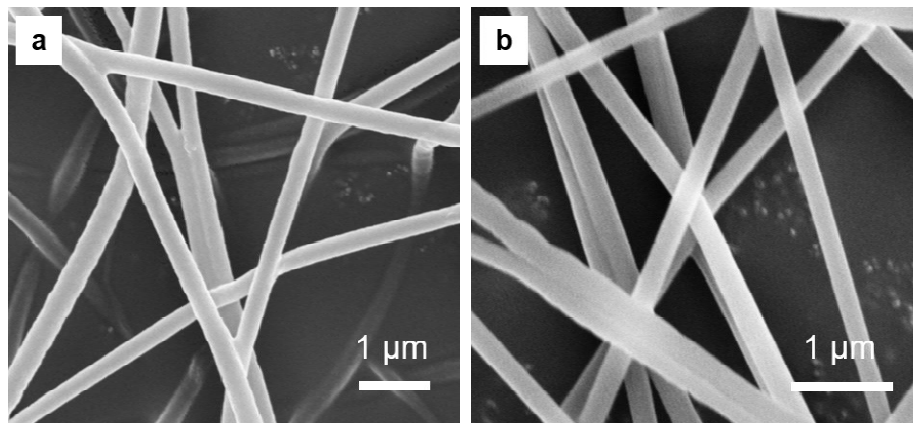


Fig. S2. SEM images of (a) PAN/PVP and (b) PAN/PVP/0.1PFSA.

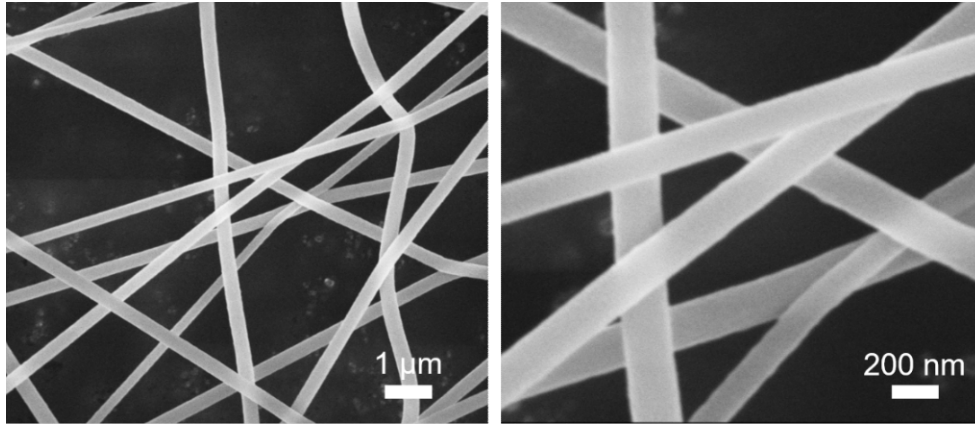


Fig. S3. SEM images of PAN/PVP/0.01PFSA.

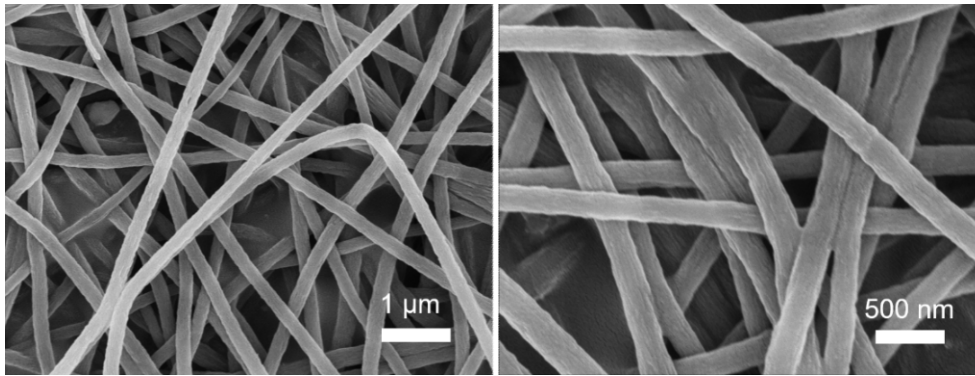


Fig. S4. SEM images of porous PAN/0.01PFSA.

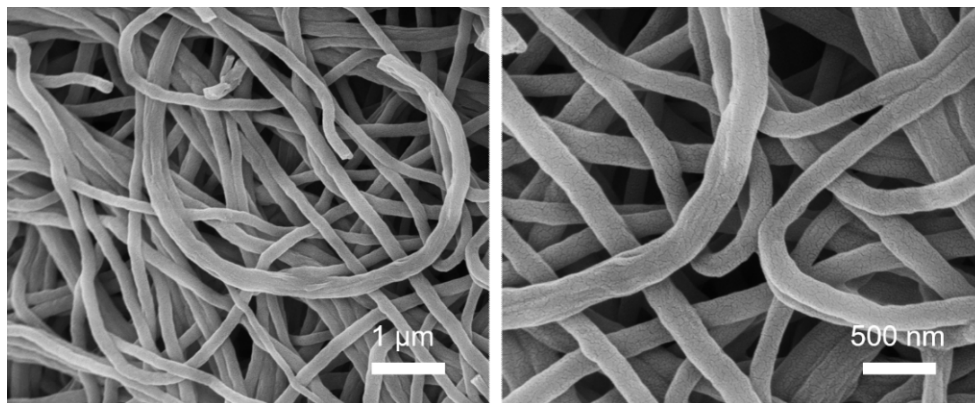


Fig. S5. SEM images of 0.01F-PCNFs.

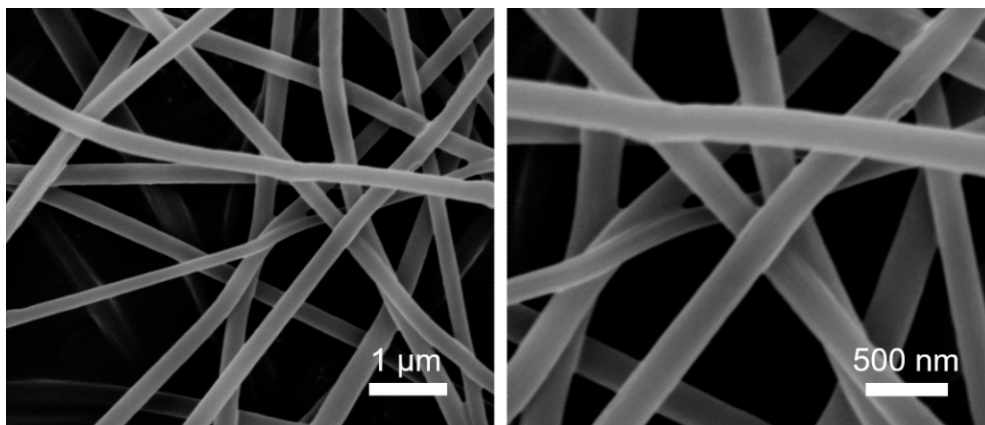


Fig. S6. SEM images of PAN/PVP/0.05PFSA.

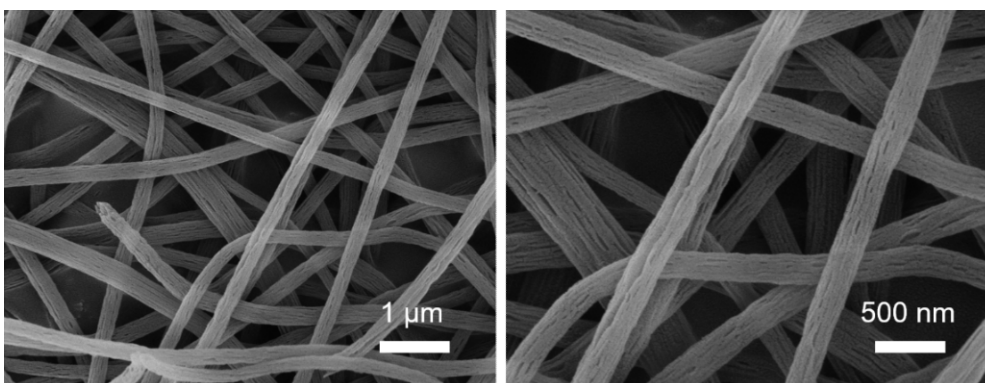


Fig. S7. SEM images of porous PAN/0.05PFSA.

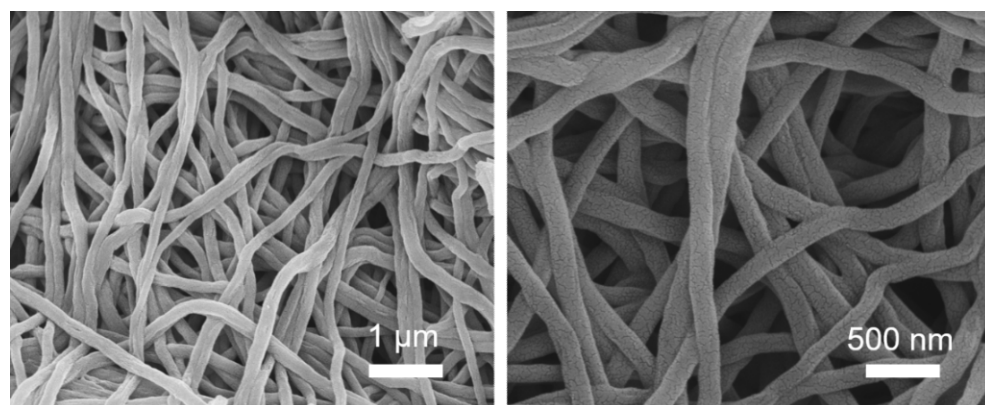


Fig. S8. SEM images of 0.05F-PCNFs.

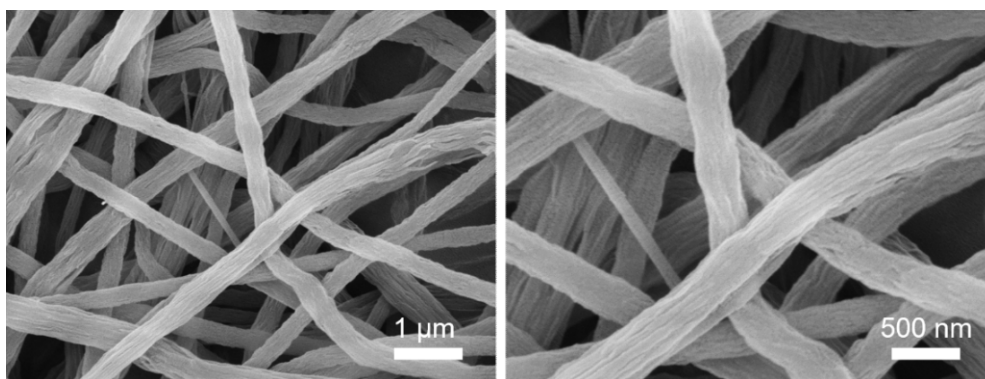


Fig. S9. SEM images of porous PAN/0.01PFSA-Li.

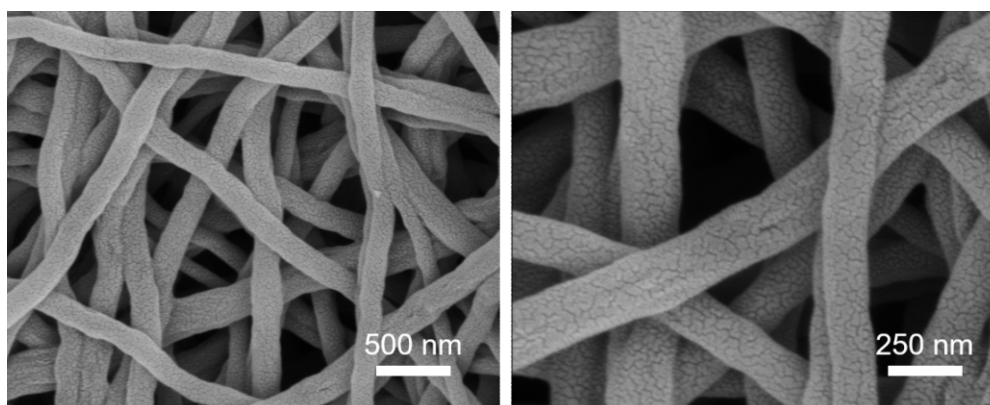


Fig. S10. SEM images of 0.01Li-F-PCNFs composites.

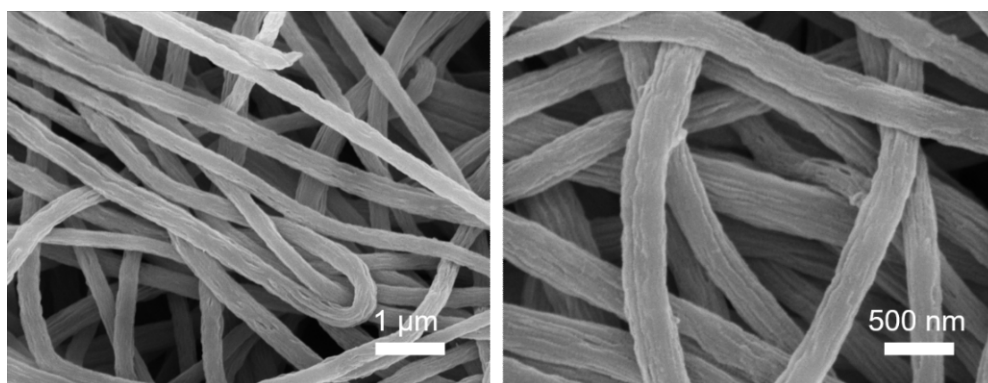


Fig. S11. SEM images of porous PAN/0.05PFSA-Li.

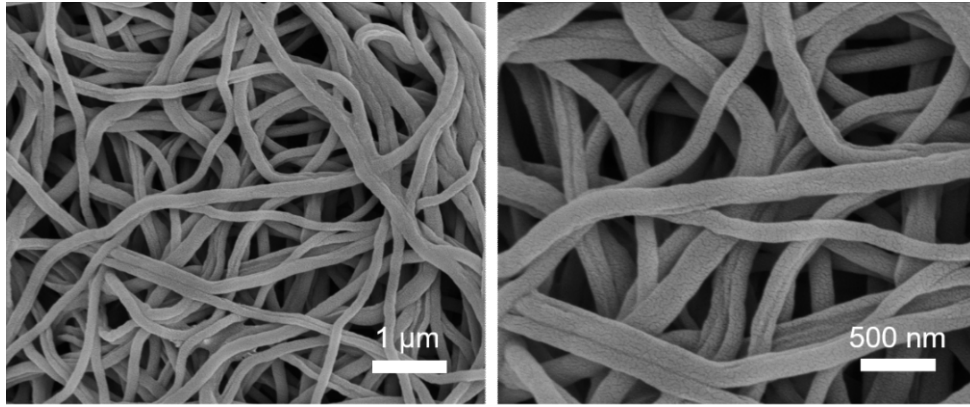


Fig. S12. SEM images of 0.05Li-F-PCNFs composites.

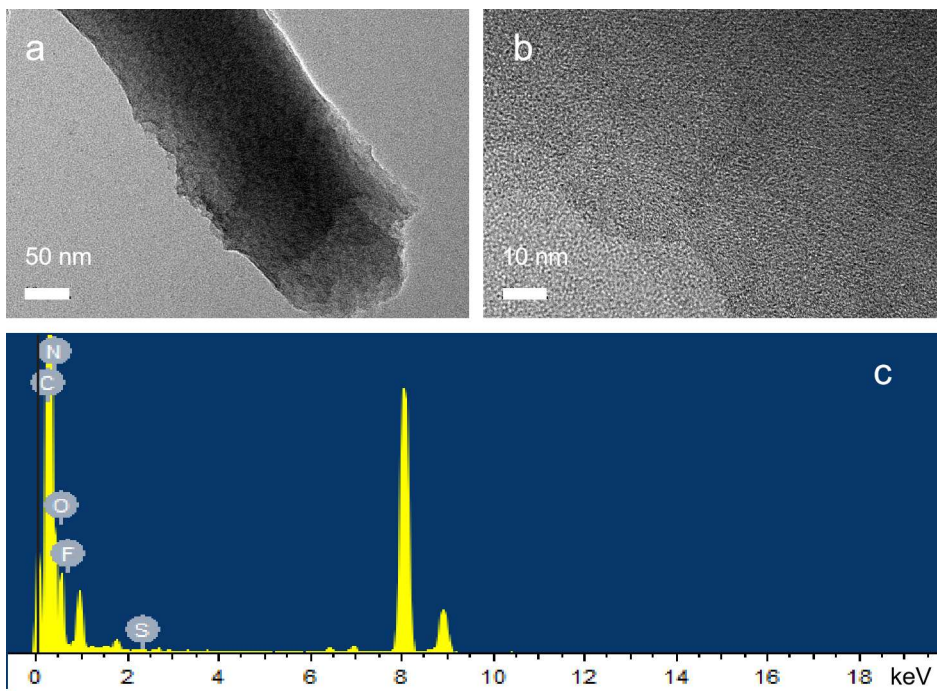


Fig. S13. (a, b) HRTEM images and (c) EDS of 0.1Li-F-PCNFs composites.

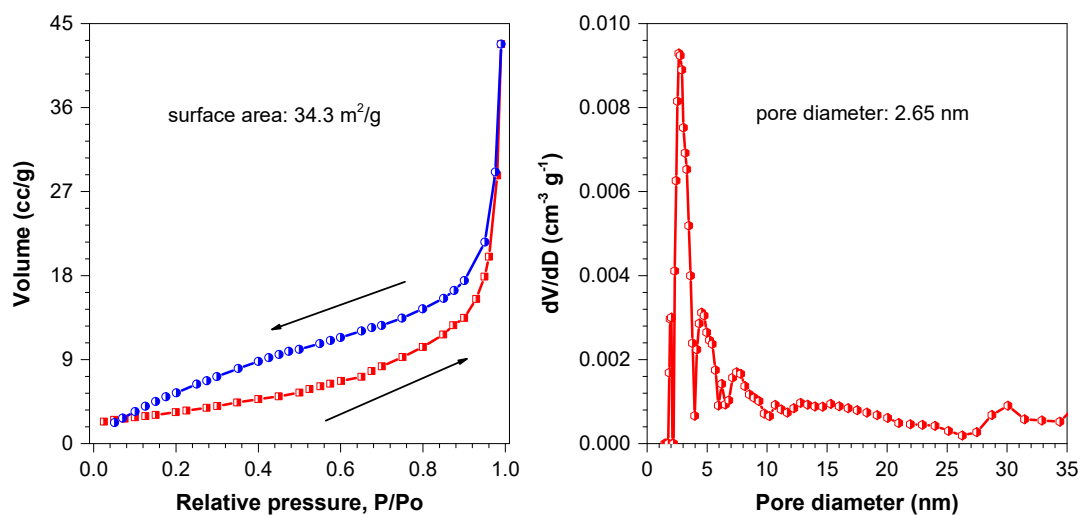


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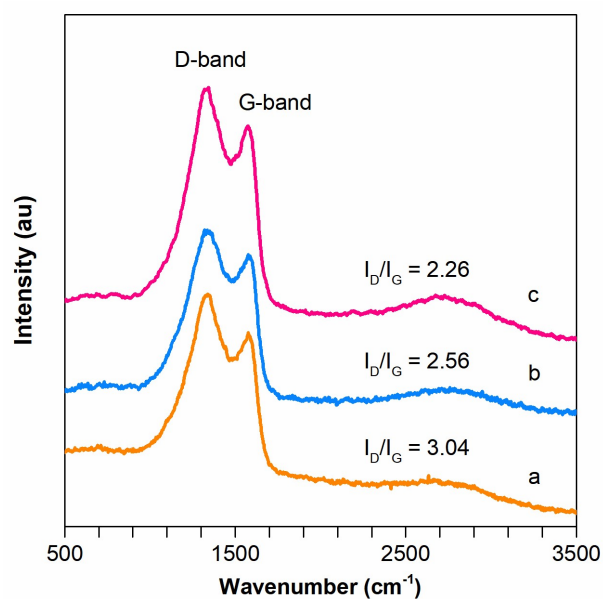


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