

# Supplementary File

## Textile PAN Carbon Fibers Cathode for High-Voltage Seawater Batteries

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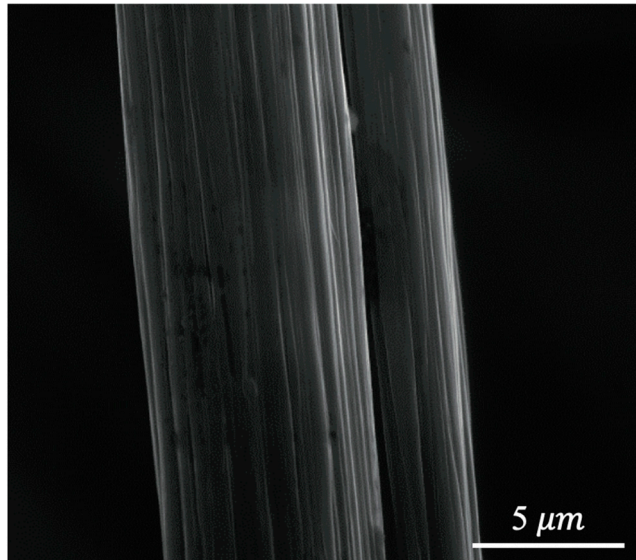
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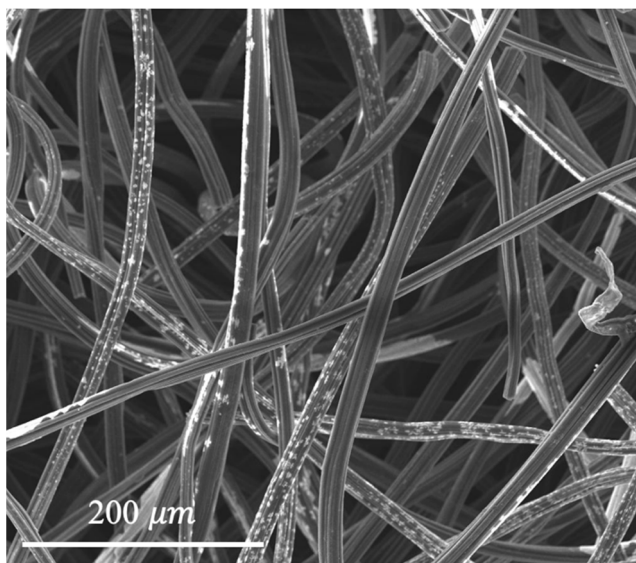
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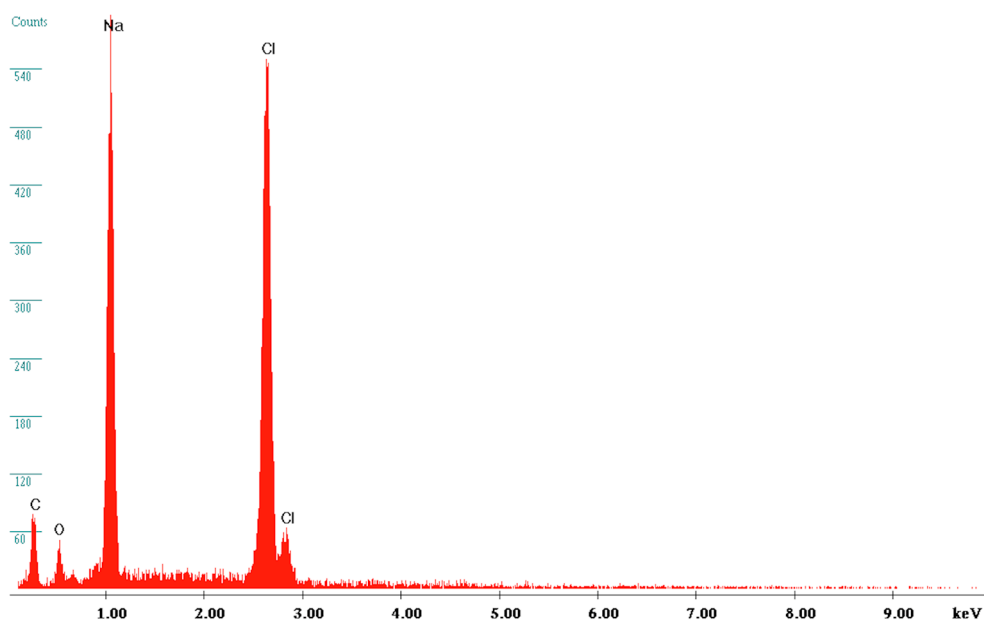
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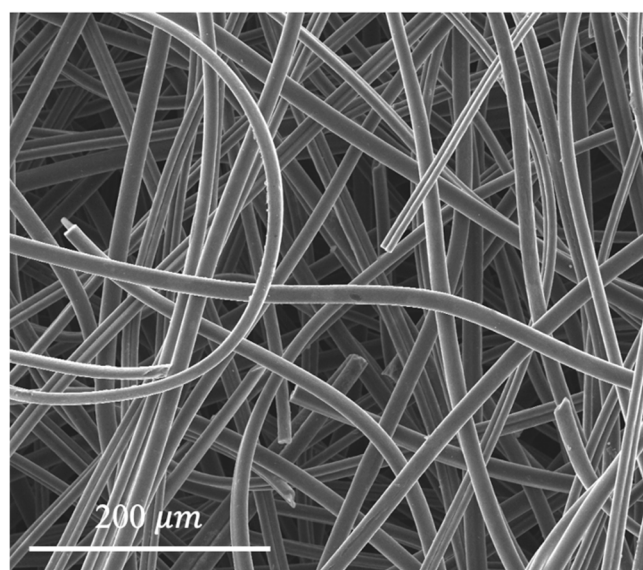
**Figure S1:** SEM image of a single fiber of the commercial PAN precursor before any treatment was applied at a 5 μm magnification [1].



**Figure S2:** SEM image of the CCF carbon fibers with a 200 μm magnification.



**Figure S3:** EDS analysis of the white spots on the surface of the CCF carbon fibers.



**Figure S4:** SEM image of the ACF carbon fibers with a 200 μm magnification.

#### Reference:

[1] Saldanha Marcuzzo, J.; Otani, C. Fibra de carbono ativada-Producao ultrarrapida a partir da PAN Textil Uma abordagem da producao e caracterizacao de fibra de carbono ativada a partir de materia prima textil, 1. aufl ed.; Novas Edicoes Academicas: Saarbrucken, 2015. OCLC: 913015440.