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Electronic Supplementary Information for

Hydroxyl-functionalized poly(trimethylene carbonate) electrolytes for 3D-electrode configurations

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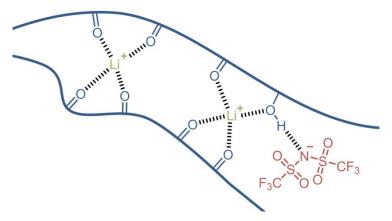


Figure S1. Schematic illustration of proposed polymer–ion interactions between PTMC-OH and LiTFSI. Note that the Li⁺ coordination number has been arbitrarily set to 4 and that the polymer structure has been greatly simplified, showing only selected functional groups that participate in ion coordination.

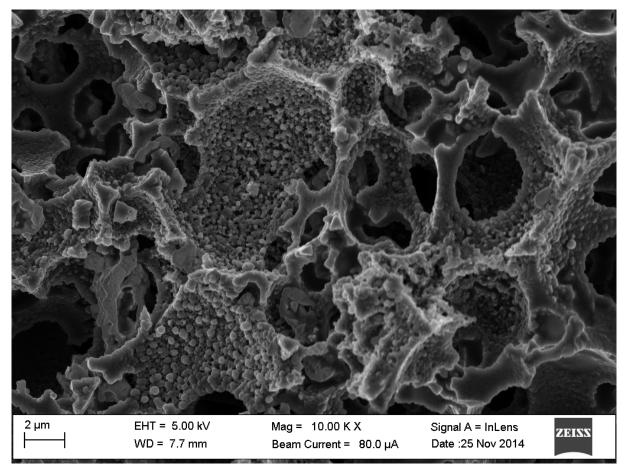


Figure S2. Pristine LiFePO₄-coated ultraporous carbon foam.

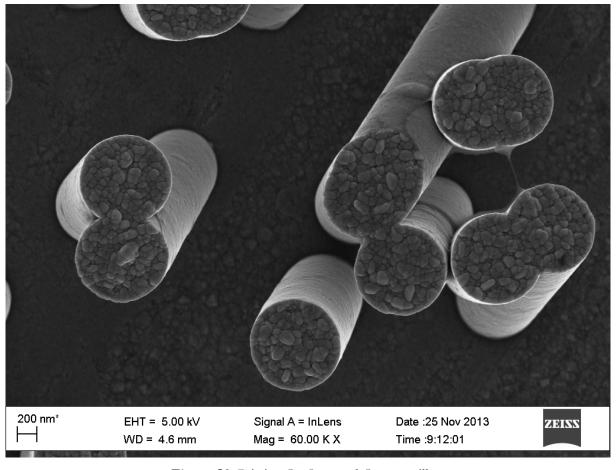


Figure S3. Pristine Cu₂O-coated Cu nanopillars