Electronic Supplementary Material (ESI) for Journal of Materials Chemistry A.
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Electronic Supplementary Information

Co-spray printing of $LiFePO_4$ and PEO-$Li_{1.5}Al_{0.5}Ge_{1.5}(PO_4)_3$ hybrid electrodes for all-solid-state Li-ion battery applications

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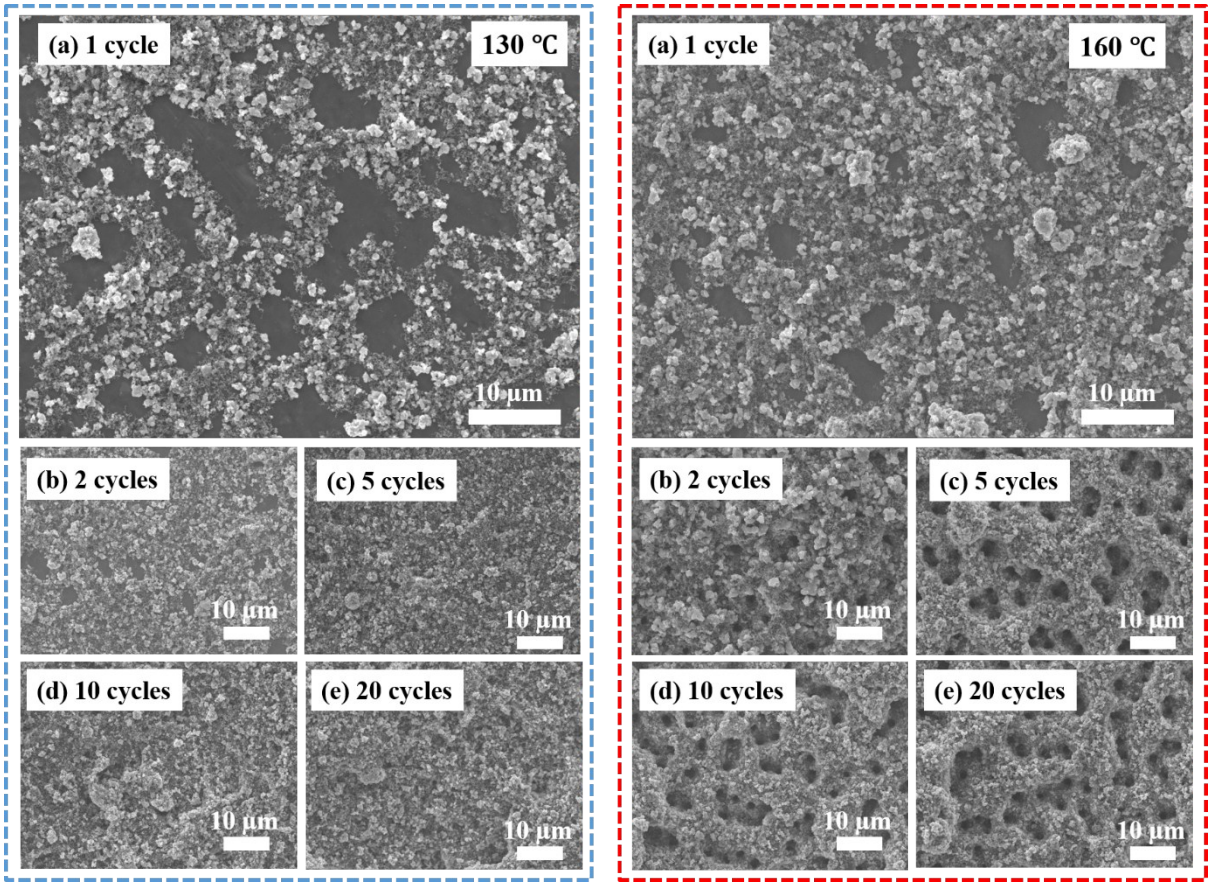

Fig. S1 SEM images of how the electrode coating structure evolved as a function of spray cycles at 130 ℃ (blue line box) and 160 ℃ (red line box).

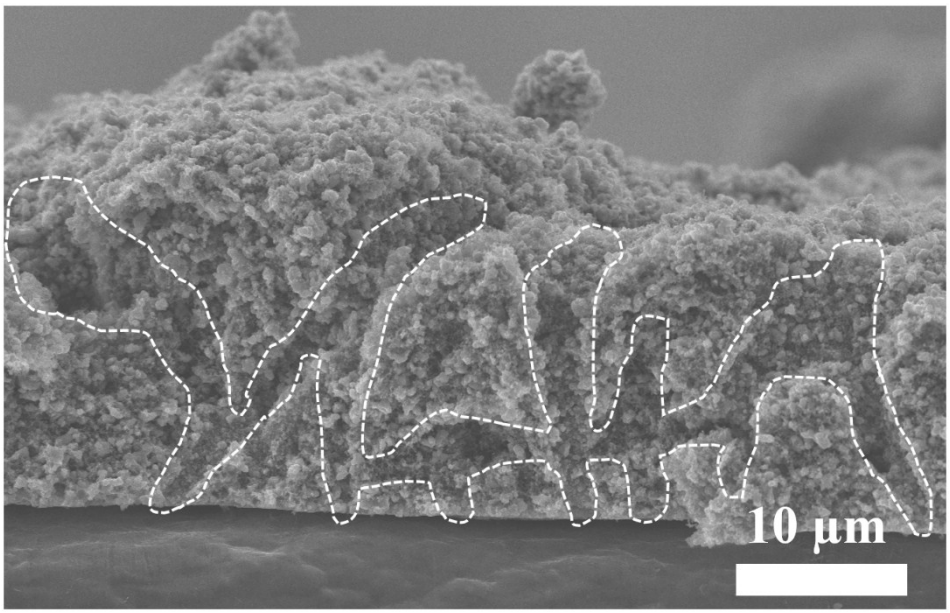

Fig. S2 Cross-sectional SEM image of the honeycomb electrode at 160 ℃ after 20 spray cycles, with through thickness pores highlighted.

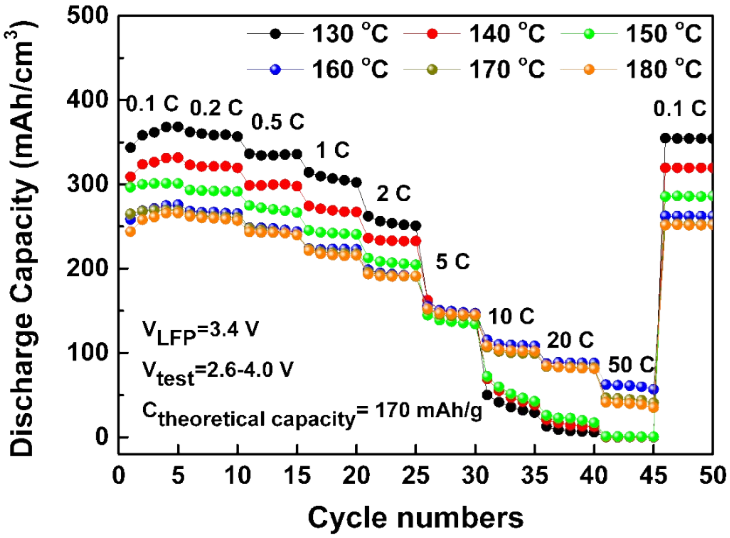

Fig. S3 Volumetric capacity as a function of C-rate for non-honeycomb (NH) LFP-based electrodes formed at substrate temperatures of 130 to150 ℃ and honeycomb (H) LFP-based electrodes formed at substrate temperatures of 160 to 180 ℃.