Supplementary materials

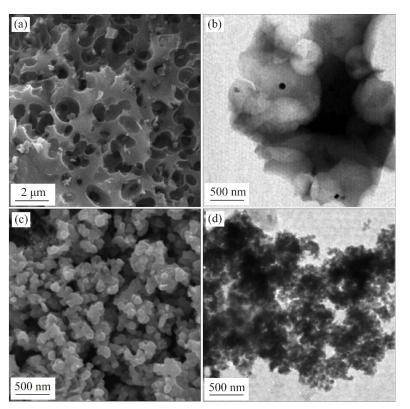


Figure S1 (a) SEM image of SCC; (b) TEM image of SCC; (c) SEM image of Sn₄P₃-NP; (d) TEM image of Sn₄P₃-NP

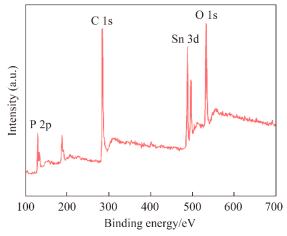


Figure S2 XPS full spectrum for Sn₄P₃-SCC

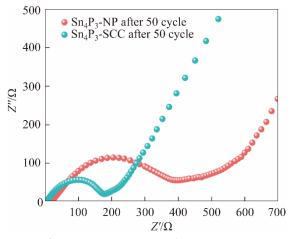


Figure S3 Nyquist plots of Sn₄P₃-SCC and Sn₄P₃-NP electrodes after 50 cycles

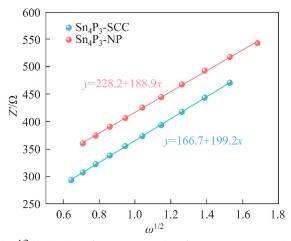


Figure S4 Fitted curves for Z' and $\omega^{1/2}$ in the low-frequency region for Sn₄P₃-SCC and Sn₄P₃-NP electrodes

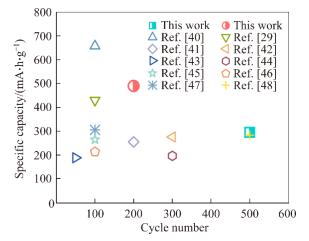


Figure S5 Comparison of the cycling performance between Sn_4P_3 -SCC material and other electrode materials reported in recent literatures