Supporting Information

Enhanced lithium storage performance in Si/MXene porous composites

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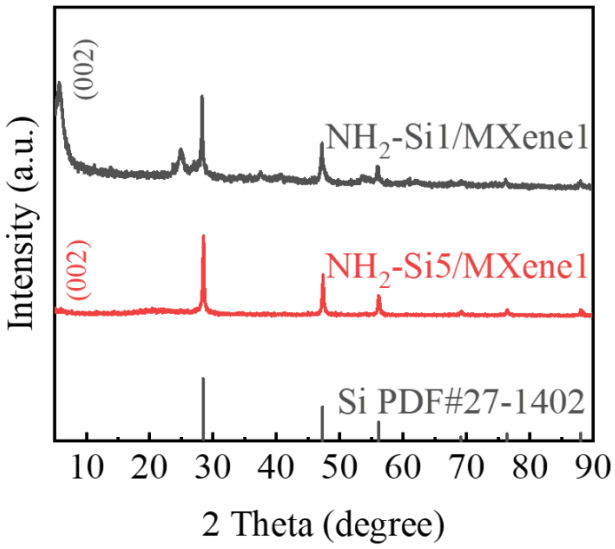

Figure S1. The XRD patterns of NH_2-Si1/MXene and NH_2-Si5/MXene1.

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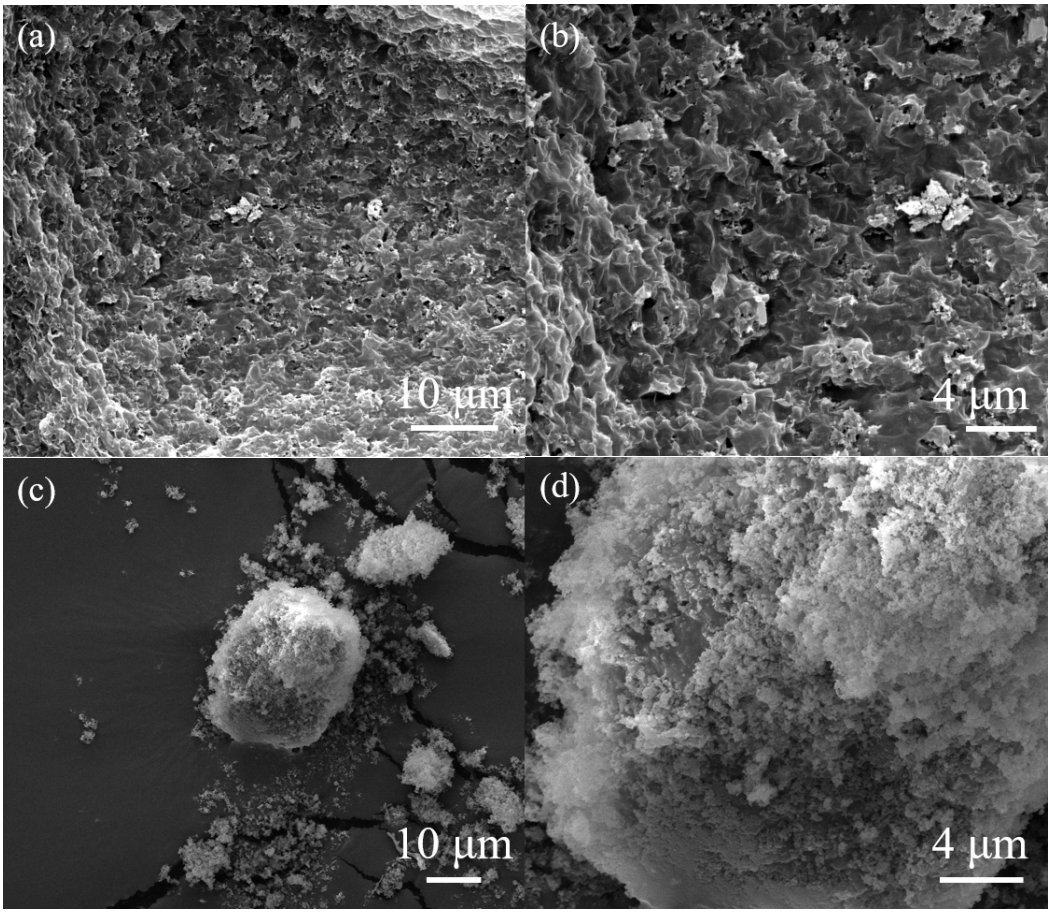

Figure S2. SEM images of **(a,b)** NH_2-Si1/MXene1 and **(c,d)** NH_2-Si5/MXene1.

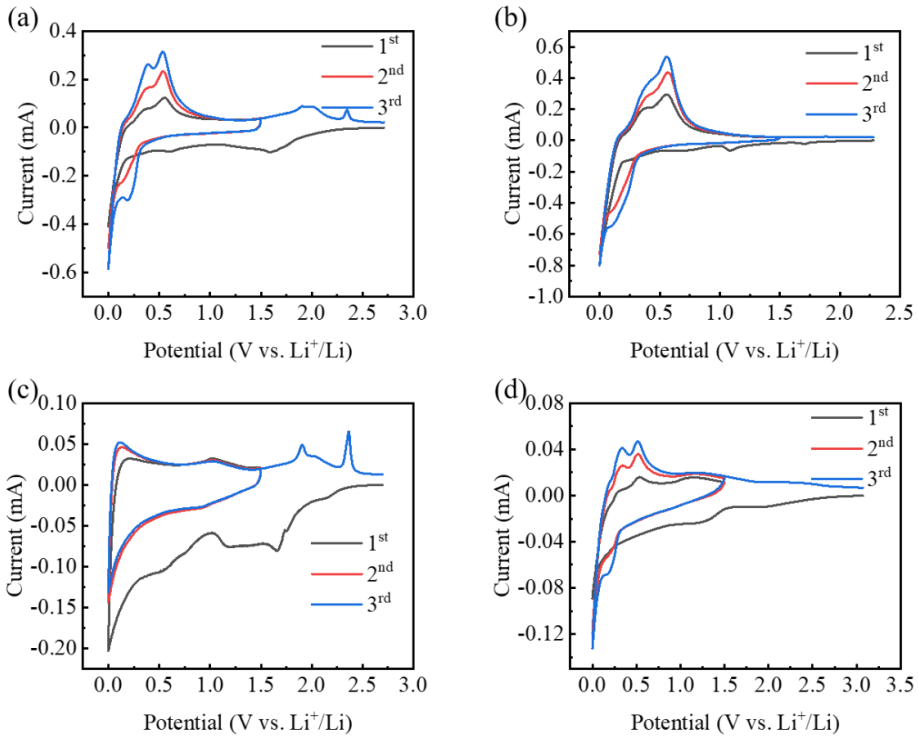

Figure S3. CVs of the first three cycles at 0.2 mV s^{-1} from 0.01 to 1.5 V for **(a)** NH_2-Si1/MXene1, **(b)** NH_2-Si5/MXene1, **(c)** MXene and **(d)** Si.