

Description of Additional Supplementary Files

File Name: Supplementary Movie 1

Description: Movie clips of tilting STEM-HAADF image series for delithiated amorphous-Si in type-A electrode after the 2nd cycle.

File Name: Supplementary Movie 2

Description: Movie clips of close-up tilting STEM-HAADF image series for delithiated amorphous-Si in type-A electrode after the 2nd cycle.