

Supplementary Material

STRUCTURALLY ENGINEERED COBALT–IRON LAYERED DOUBLE HYDROXIDE ON METAL ORGANIC FRAMEWORK ELECTROCATALYST FOR ENHANCED ELECTROCATALYTIC WATER SPLITTING PERFORMANCE

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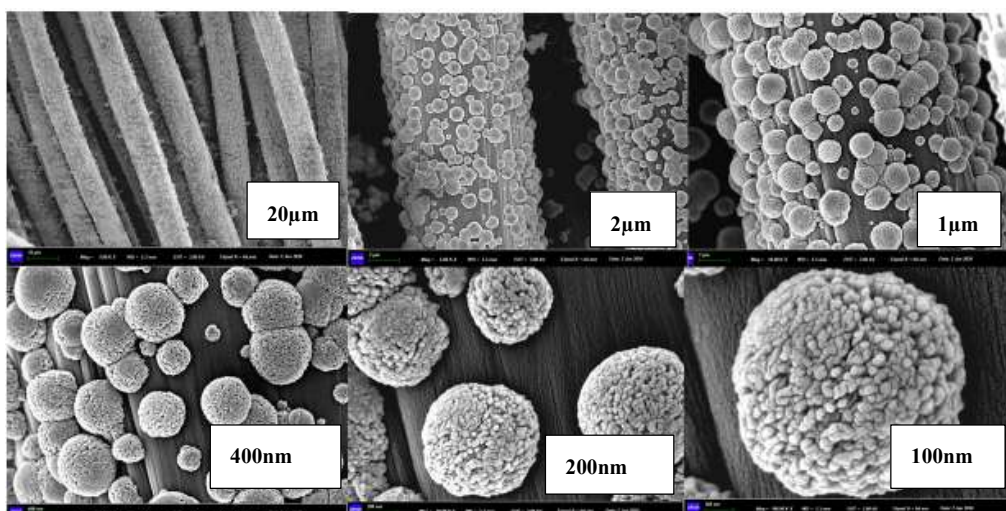


Figure S1. The SEM images of the CoFe-MOF@Co/CC at different magnifications.

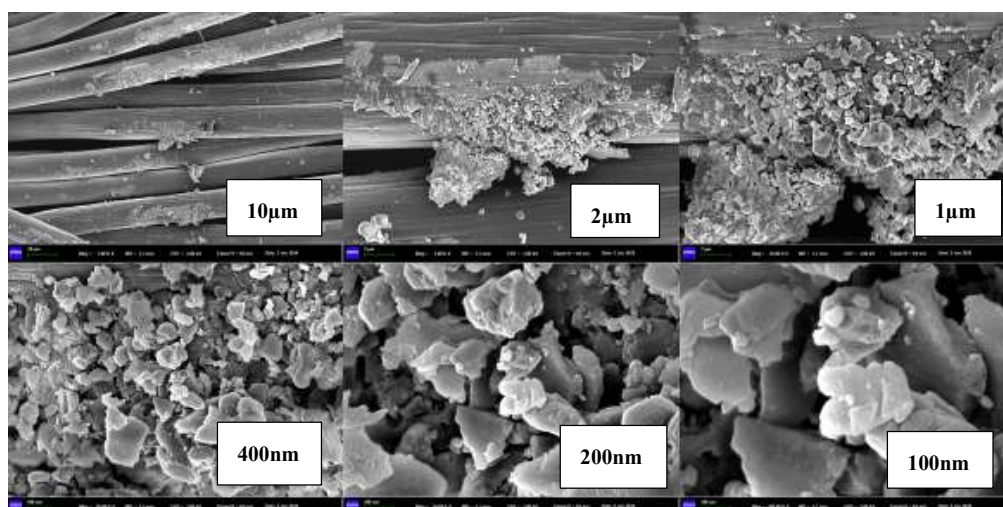


Figure S2. The SEM images of the CoFe-LDH@Co/CC at different magnifications.

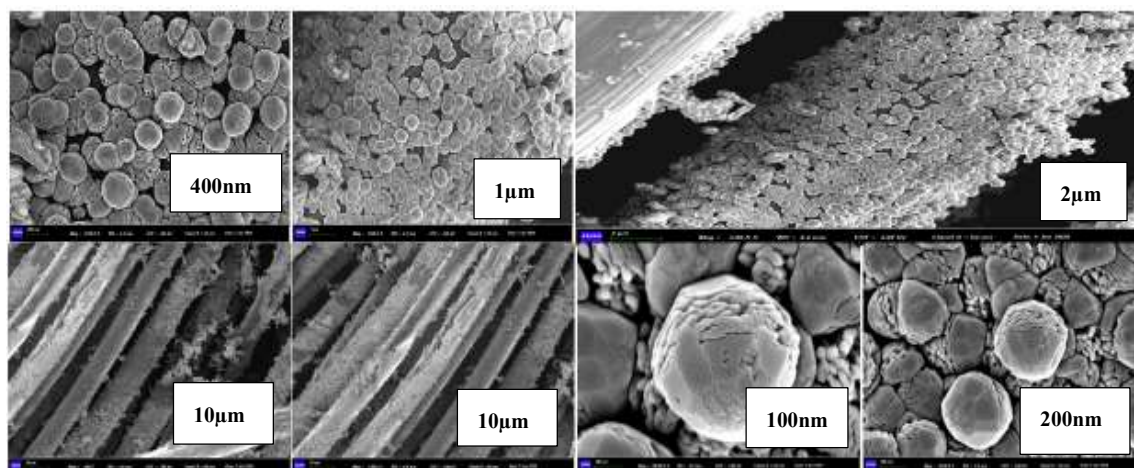


Figure S3. The SEM images of the CoFe-LDH @CoFe-MOF/CC at different magnifications.

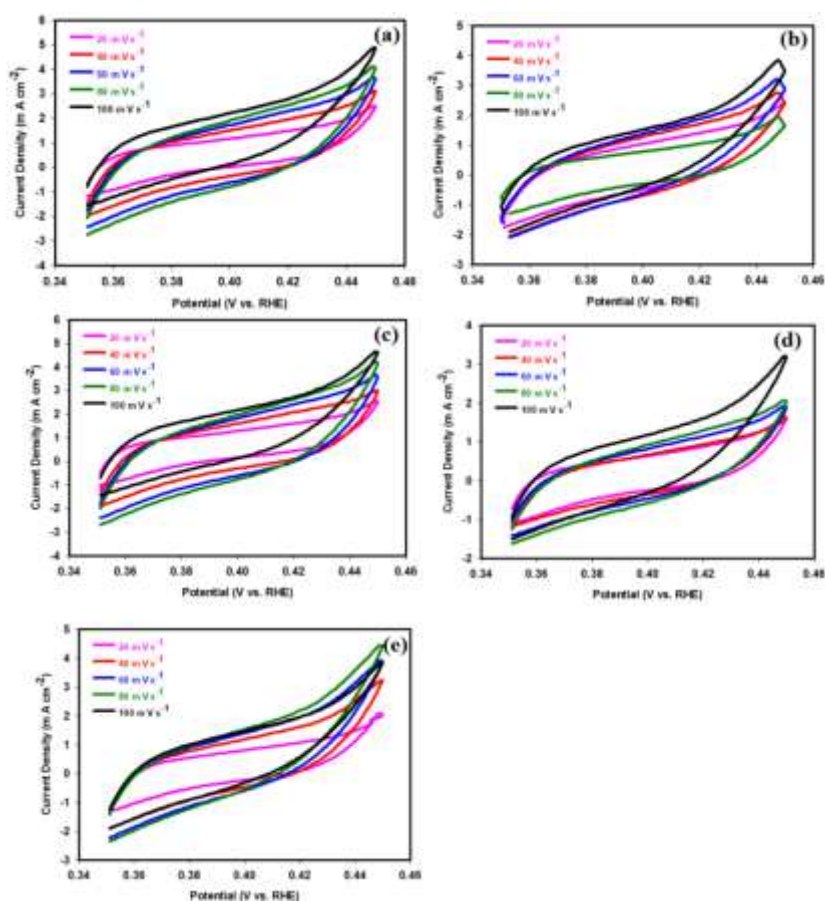


Figure S4. CV curves of (a) CoFe-MOF@/Co/CC, (b) CoFe LDH@/Co/CC, (c) CoFe-LDH CoFe-MOF/CC, (d) CoFe-LDH@CoFe-MOF@/Co/CC and (e) Co/CC electrodes at different scan rates.

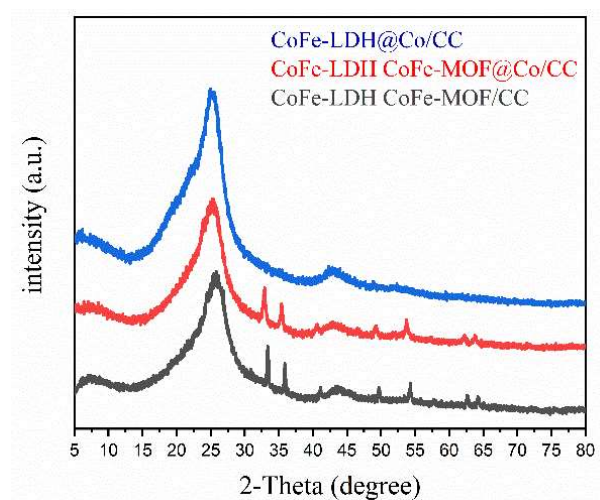


Figure S5. XRD patterns of the samples after 1000 CV cycles.

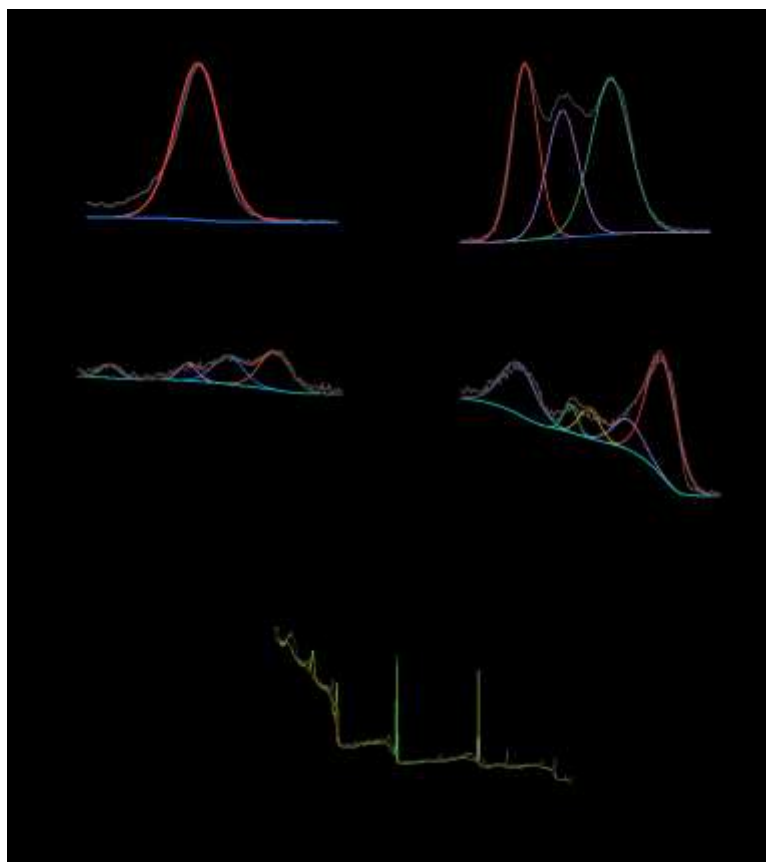


Figure S6: High-resolution XPS spectra of (a) C1s (b) O1s (c) Co 2p and (d) Fe 2p for CoFe-LDH@CoFe-MOF@/Co/CC after 1000 CV cycles.