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Biomimetic Morphological Design for Manganese Oxide and Cobalt Hydroxide Nanoflakes Having a Mosaic Interior

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Figure S1. Manganese oxide synthesized in the absence of PAA. a and b) FETEM images of the aggregates of sheet-like morphology. A copper grid was immersed in the liquid before centrifugation within 12 hours. c and d) FESEM image and XRD pattern of the precipitates, respectively. According to these results, Mn$_3$O$_4$ was only obtained after drying and centrifugation,
**Figure S2.** Cobalt hydroxide synthesized in the absence of PEI. a and b) FETEM images; c) XRD pattern of the precipitates. The precipitates were irregular size of \( \beta\)-Co(OH)\(_2\) plates.
Figure S3. Magnified XRD pattern of the resultant cobalt hydroxide/PEI composites.