

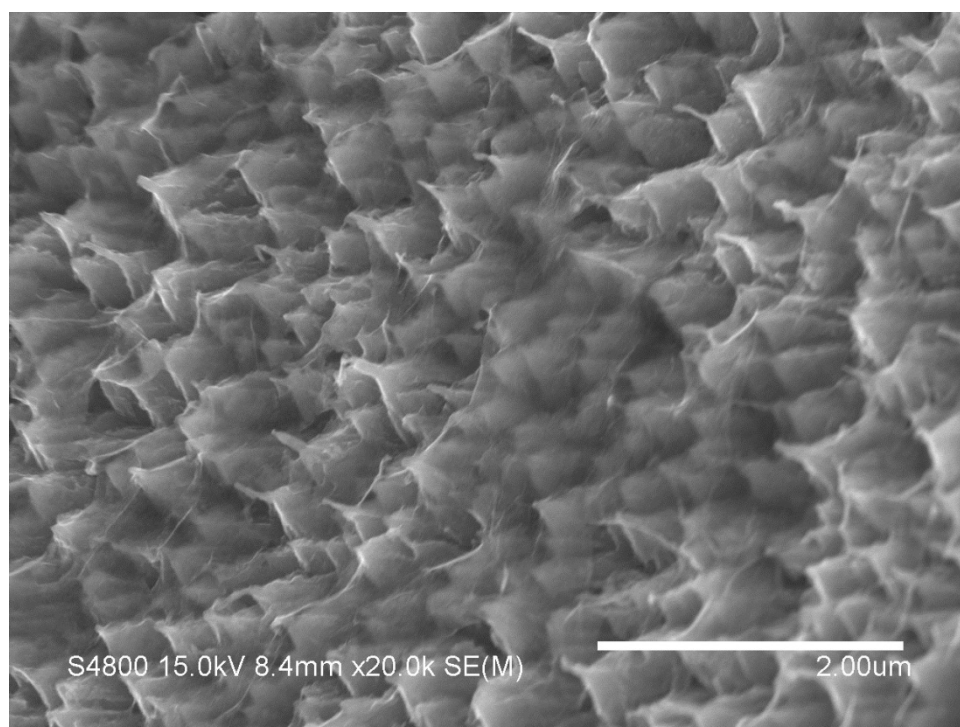


Fig. S1 High magnification SEM image of RGO/Ni(OH)₂/NF.

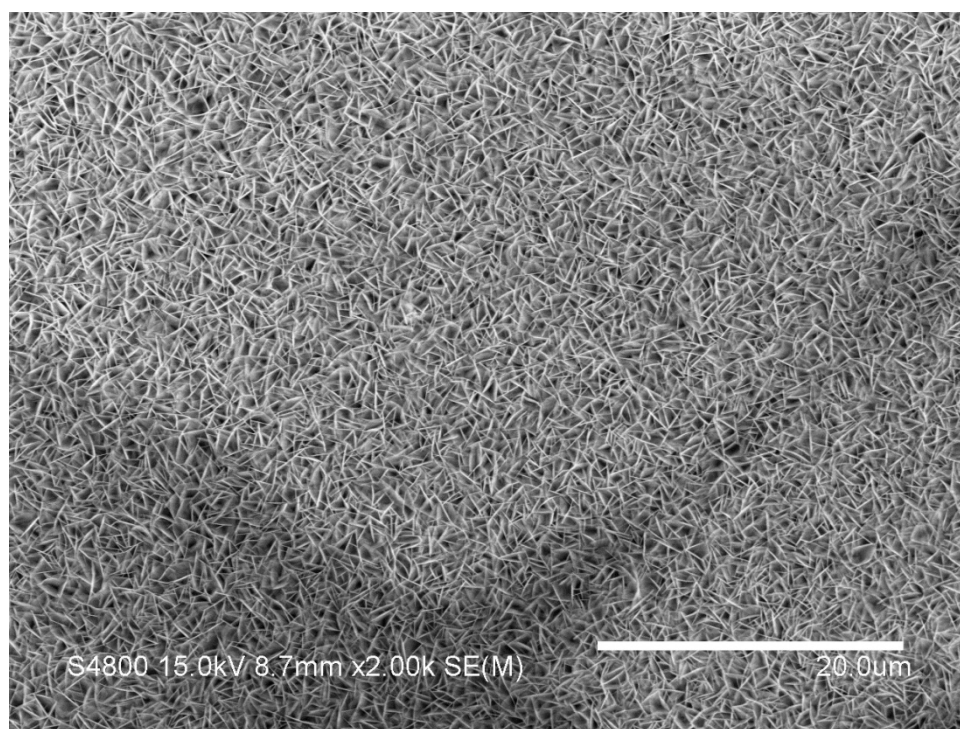


Fig. S2 Low magnification SEM image of Ni(OH)₂/RGO/Ni(OH)₂/NF.

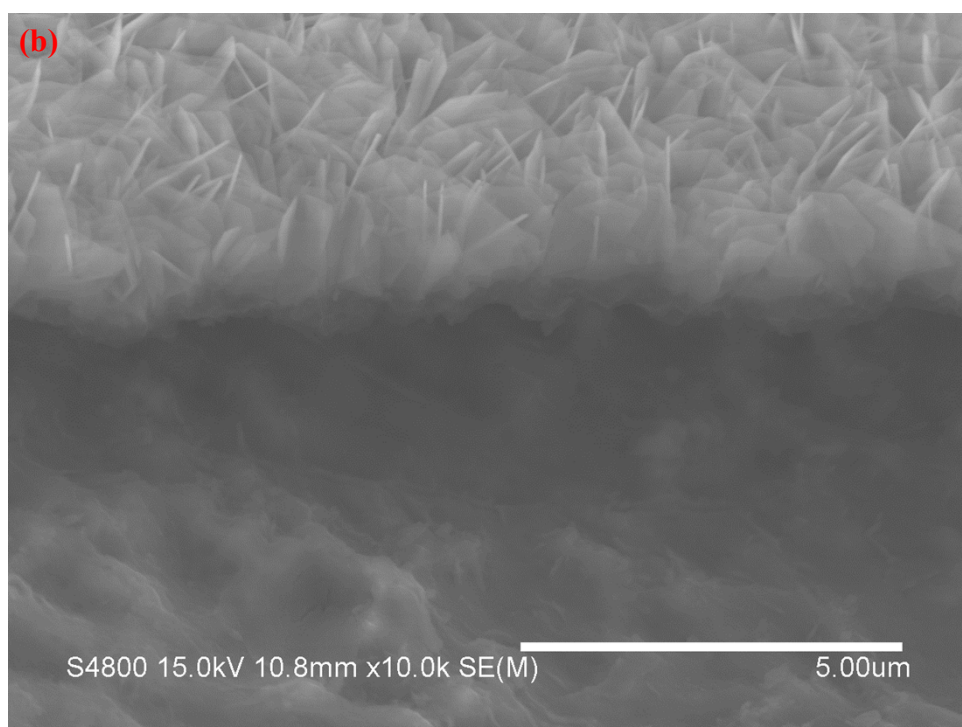
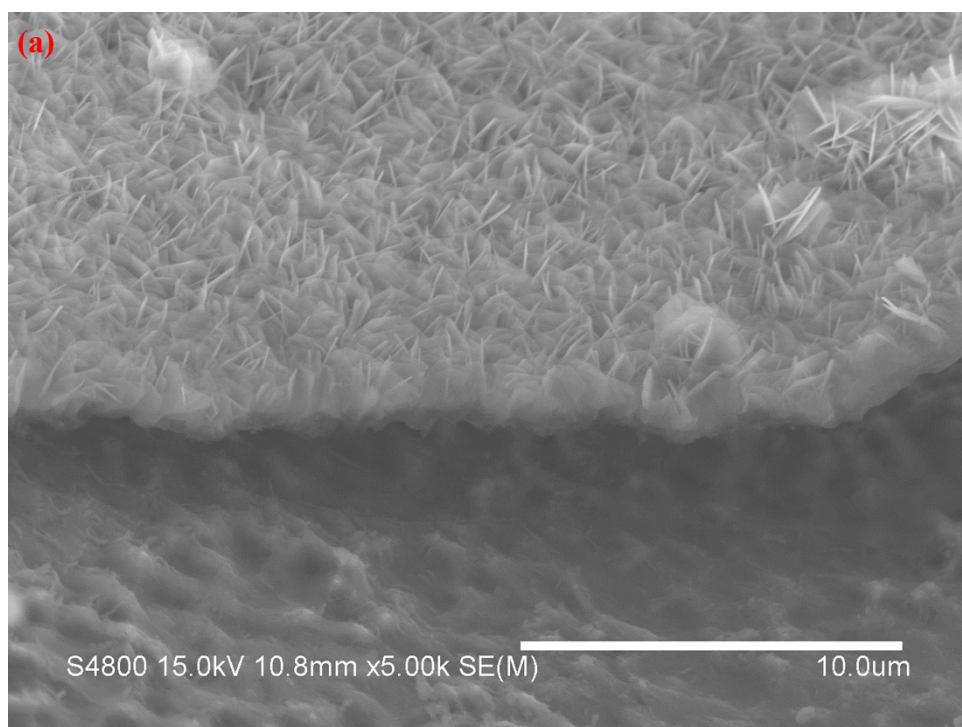


Fig. S3 Cross-sectional SEM images of $\text{Ni(OH)}_2/\text{RGO}/\text{Ni(OH)}_2/\text{NF}$.

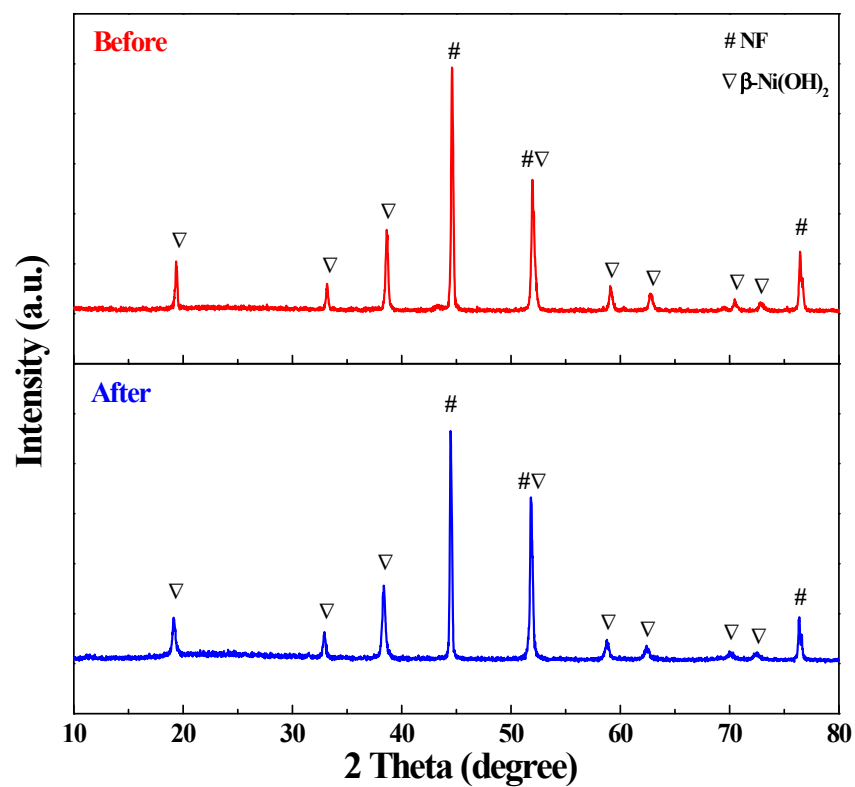


Fig. S4 XRD patterns of Ni(OH)₂/RGO/Ni(OH)₂/NF before and after charged and discharged for 3000 cycles.

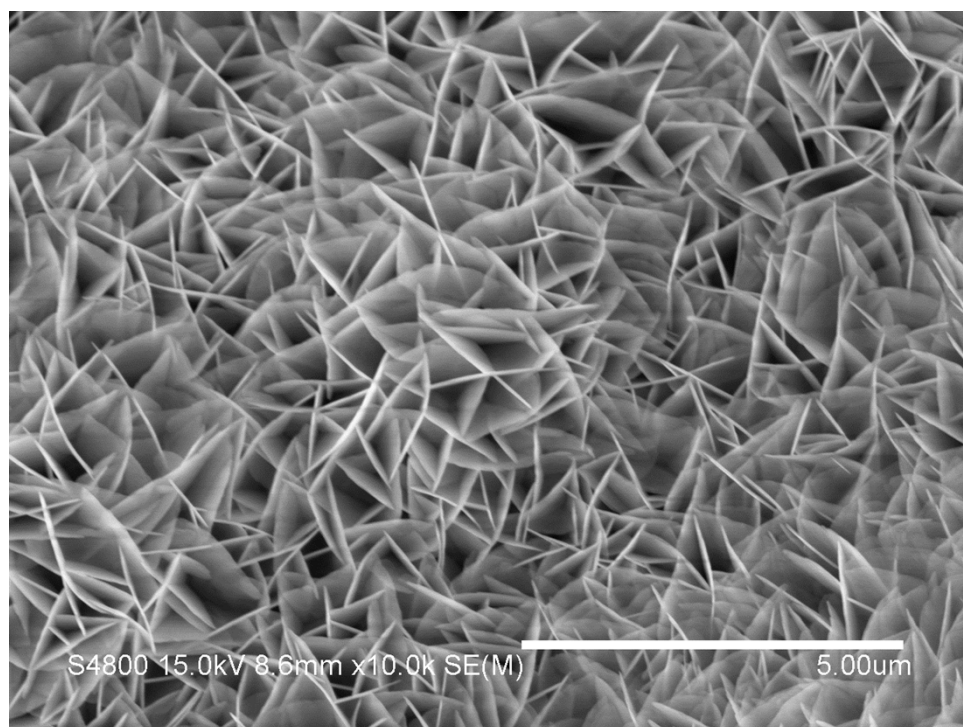


Fig. S5 FESEM image of Ni(OH)₂/RGO/Ni(OH)₂/NF after charged and discharged for 3000 cycles.