

Promoting the urea oxidation and water oxidation through interface construction on CeO_2 @ CoFe_2O_4 heterostructure

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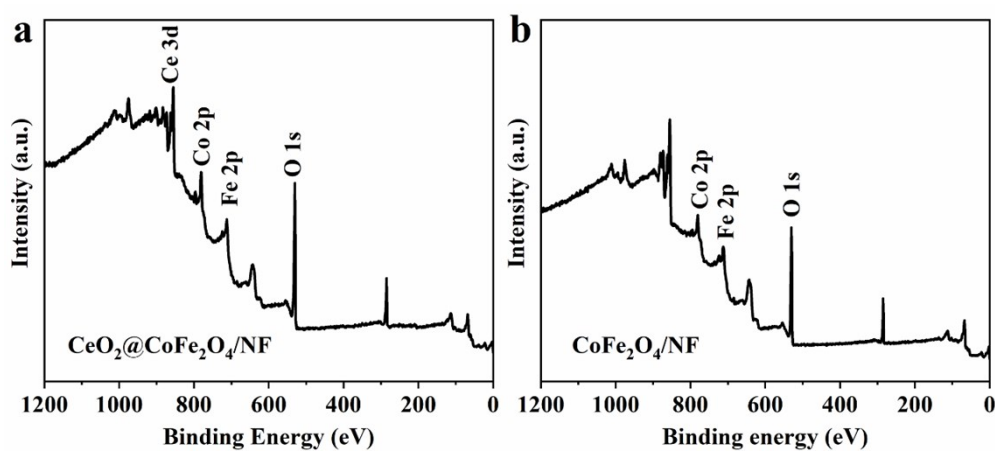


Fig. S1 XPS survey spectrum of CeO_2 @ CoFe_2O_4 /NF and CoFe_2O_4 /NF.

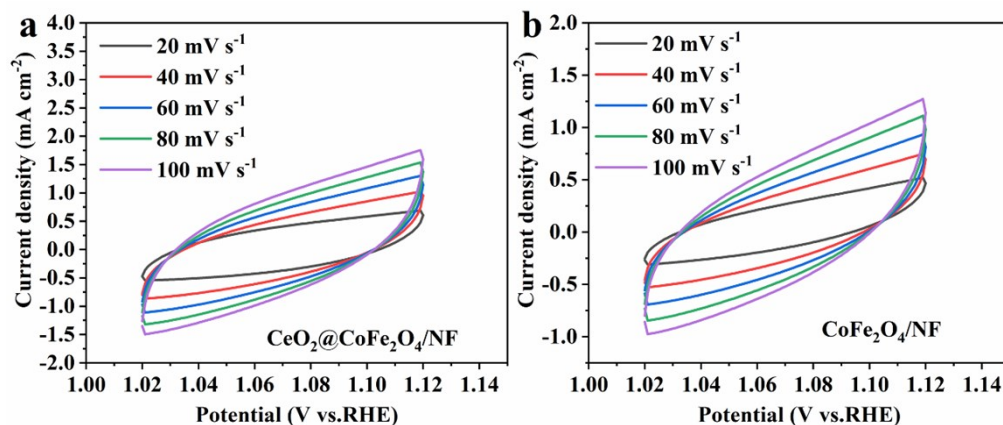


Fig. S2 CV curves of (a) CeO_2 @ CoFe_2O_4 /NF and (b) CoFe_2O_4 /NF at different scan rates from 20 to 100 mV/s in 1.0 M KOH.

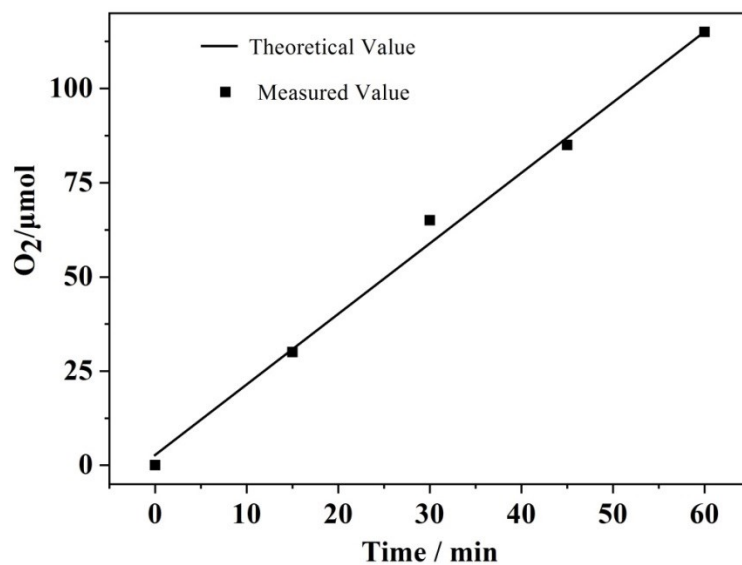


Fig. S3 Electrocatalytic efficiency of O₂ production over CeO₂@CoFe₂O₄/NF.

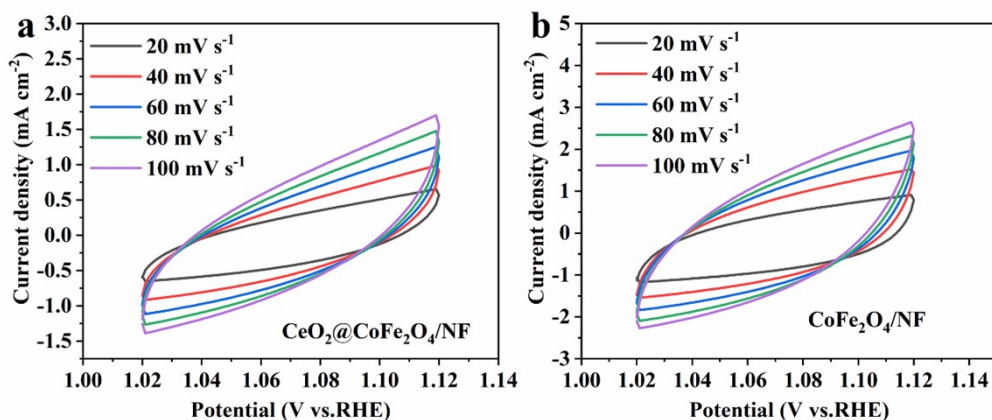


Fig. S4 CV curves of (a) CeO₂@CoFe₂O₄/NF and (b) CoFe₂O₄/NF at different scan rates from 20 to 100 mV/s in 1.0 M KOH with 0.5 M urea.

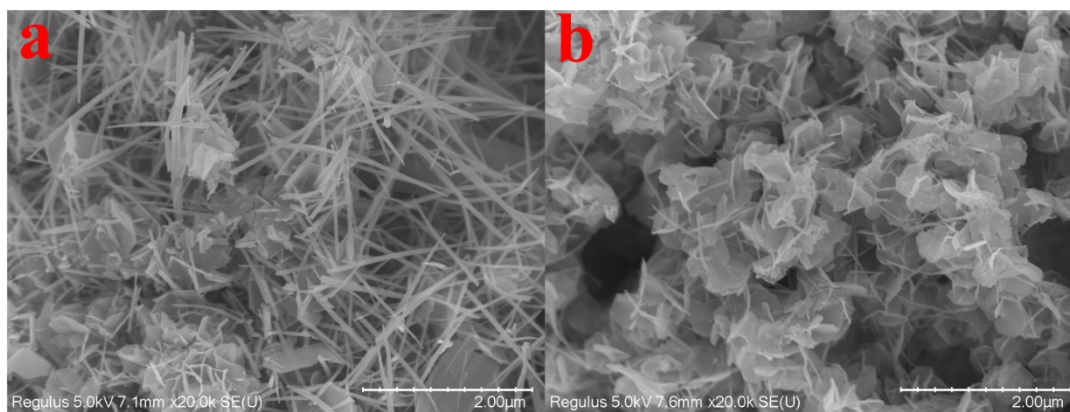


Fig. S5 SEM of (a) CeO₂@CoFe₂O₄/NF and (b) CeO₂@CoFe₂O₄/NF after long-term durability.

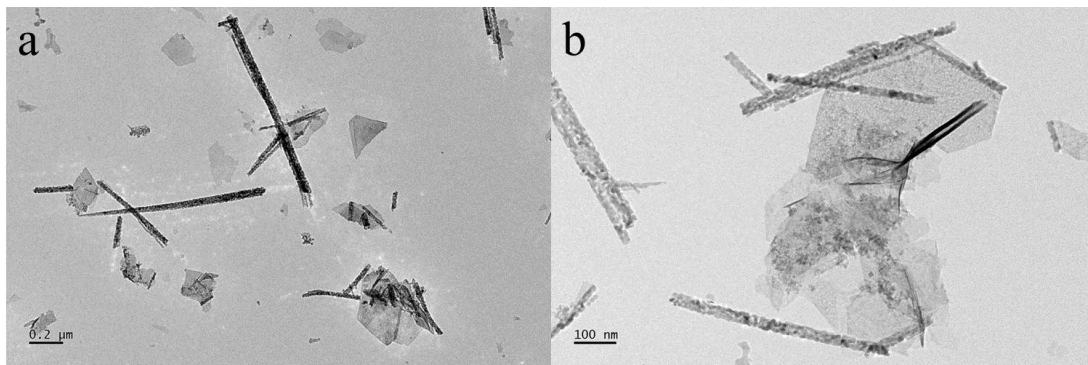


Fig. S6 TEM of (a) $\text{CeO}_2@\text{CoFe}_2\text{O}_4/\text{NF}$ and (b) $\text{CeO}_2@\text{CoFe}_2\text{O}_4/\text{NF}$ after long-term durability.