Electronic supplementary information (ESI) for "Facile Synthesis of Yolk-Shell Structured $ZnFe_2O_4$ Microspheres for Enhanced Electrocatalytic Oxygen Evolution Reaction"

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Figure S1. Optical photographs of NF (left) and YS-ZnFe₂O₄/NF (right).



Figure S2. XRD pattern of the YS-ZnFe₂O₄ precursors.



Figure S3. SEM images of the YS-ZnFe $_2O_4$ precursors: (a) overall morphology; (b) low-magnification.



Figure S4. SEM image of ZnFe₂O₄ without SDS.



Figure S5. CVs of the various catalysts at the different scan rates from 10 mV \cdot s⁻¹ to 100 mV \cdot s⁻¹ measured in the potential range of 1.125 V to 1.225 V vs. RHE.



Figure S6. The SEM image of YS-ZnFe₂O₄/NF after i-t test.