

Supporting information

FeCoNiMnMo High-Entropy Alloy/Carbon Microspheres Constructed via MOF-Derived Spray-Drying Granulation for Enhanced Oxygen Evolution Reaction

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Figures and Captions

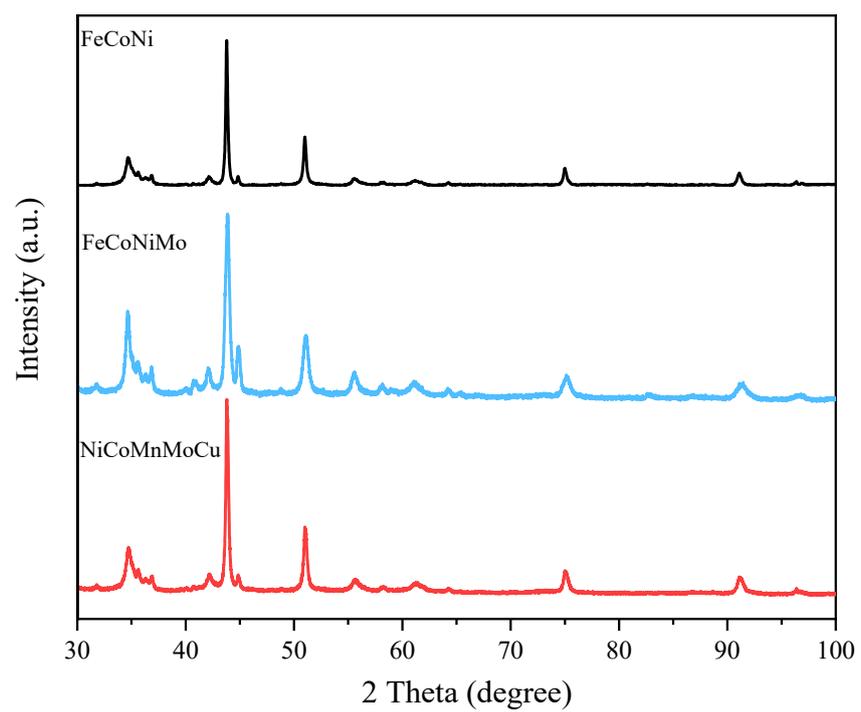


Figure S1. XRD pattern of FeCoNi/C, FeCoNiMo/C and NiCoMnMoCu/C.

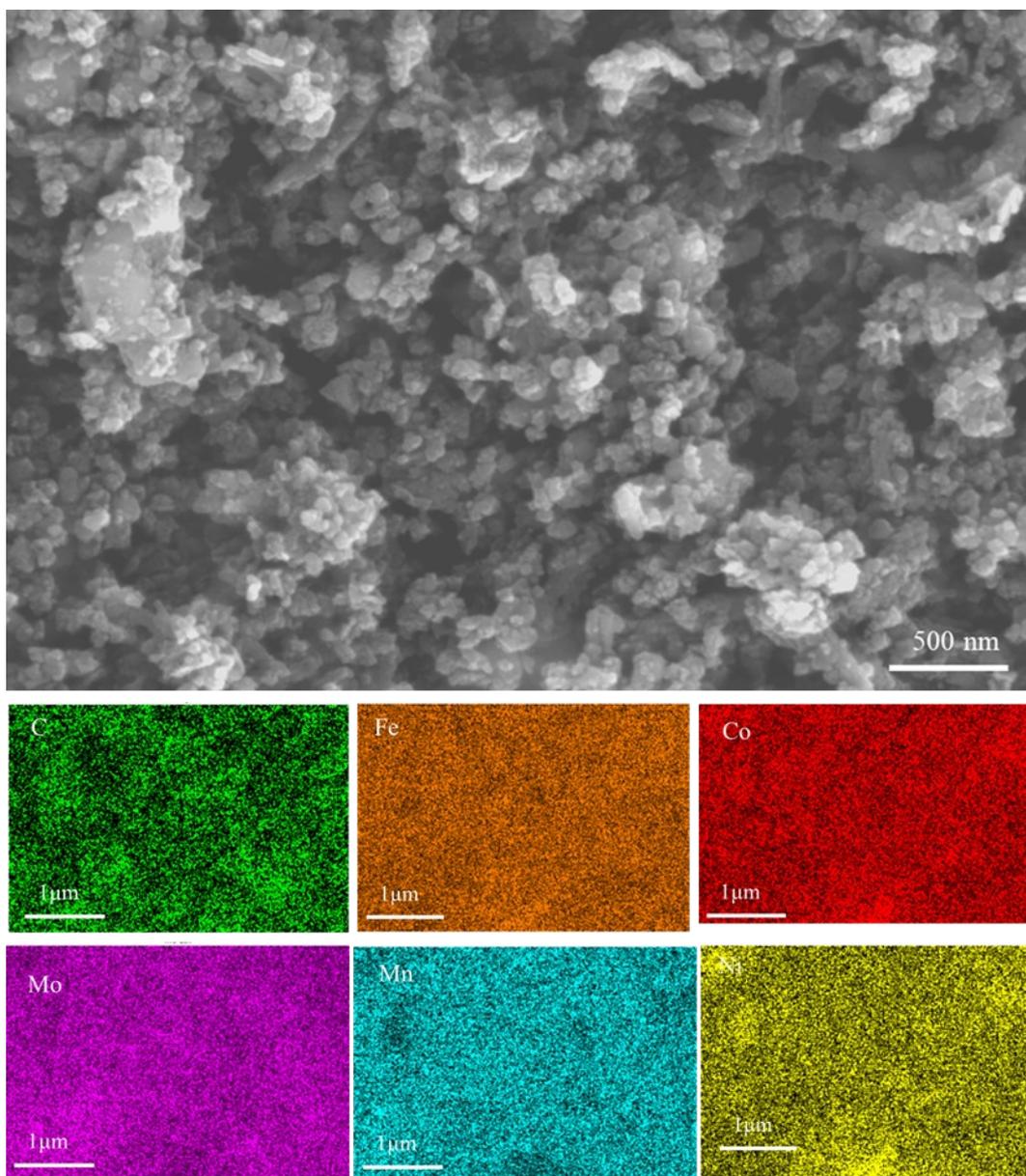


Figure S2. SEM and EDS mapping images of FeCoNiMnMo/C

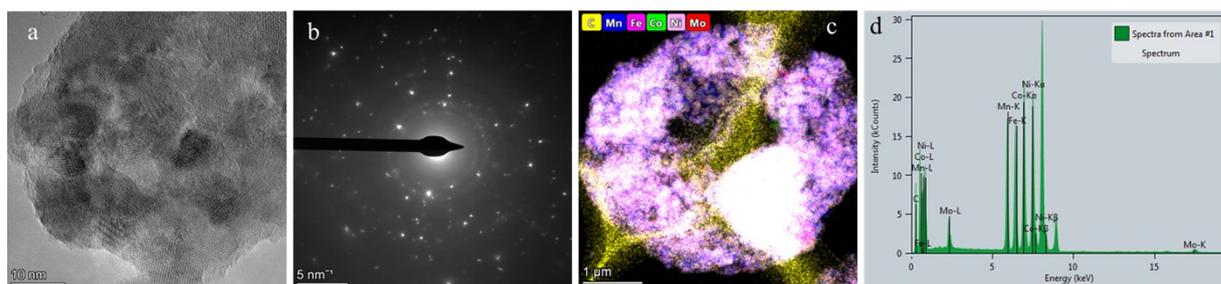


Figure S3. **a.** HRTEM image of FeCoNiMnMo/C **b.** diffraction pattern of FeCoNiMnMo/C-MS. **c.** and **d.** EDS mapping and spectrum of FeCoNiMnMo/C-MS

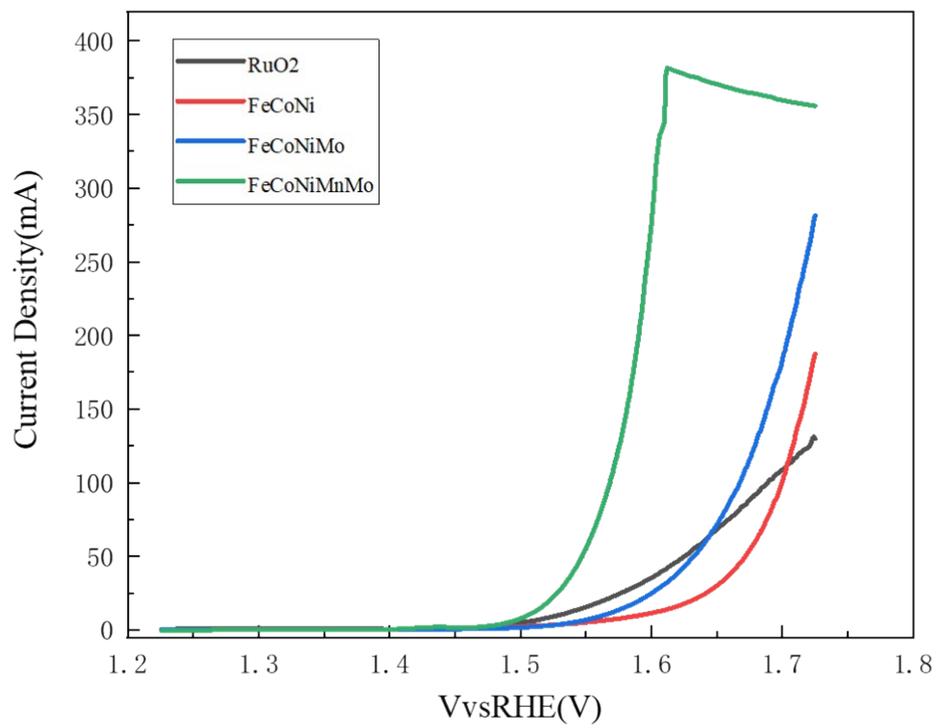


Figure S4. OER LSV curves of different catalytic materials

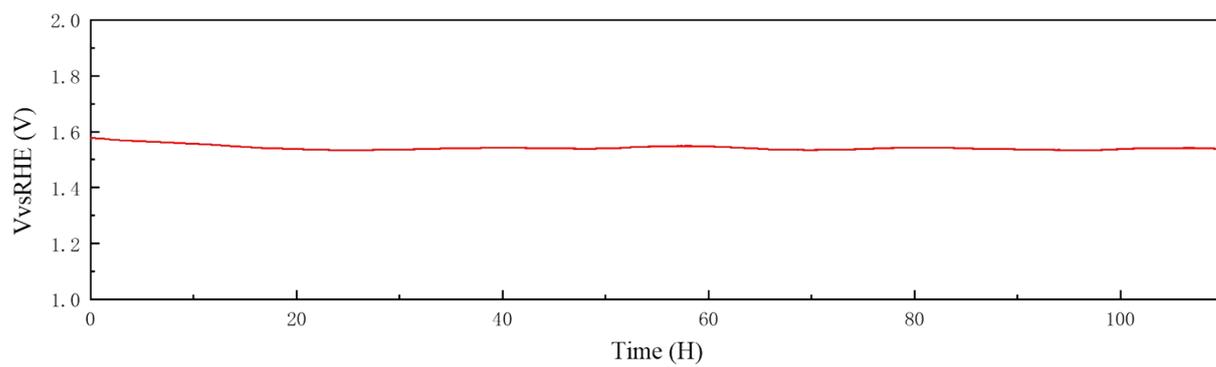


Figure S5. Chronopotentiometry response of FeCoNiMnMo/C at 100 mA cm⁻²

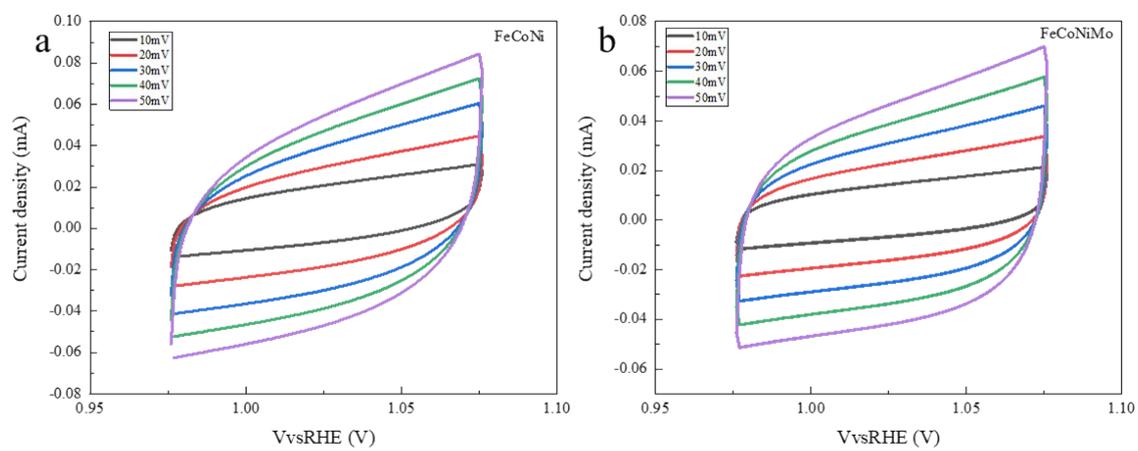


Figure S6. CV curves of **a.** FeCoNi **b.** FeCoNiMo at different scanning rates.

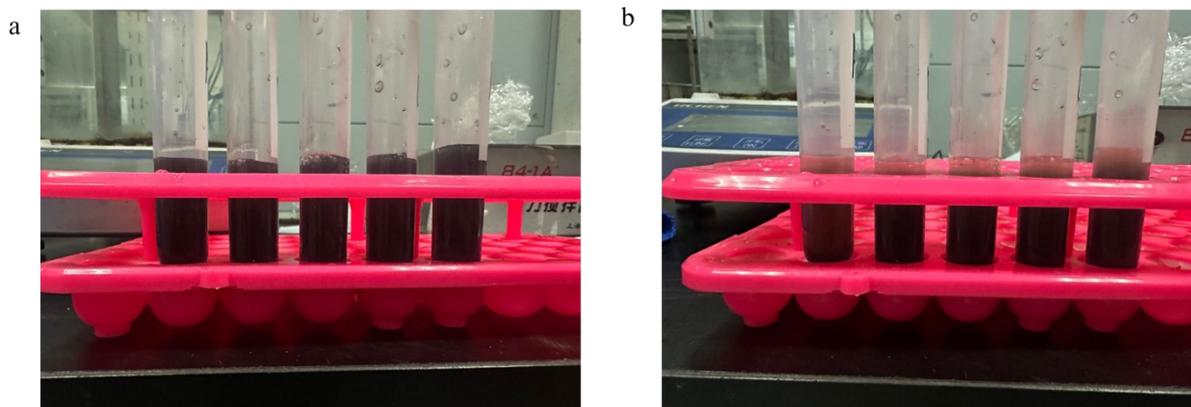


Figure S7. Comparison of suspensions with different concentrations of PVP content before and after placing, the PVP concentrations from left to right are No PVP added, 0.01 wt%, 0.02 wt%, 0.05 wt%, 0.1 wt% in sequence. a.before b. after 2h.

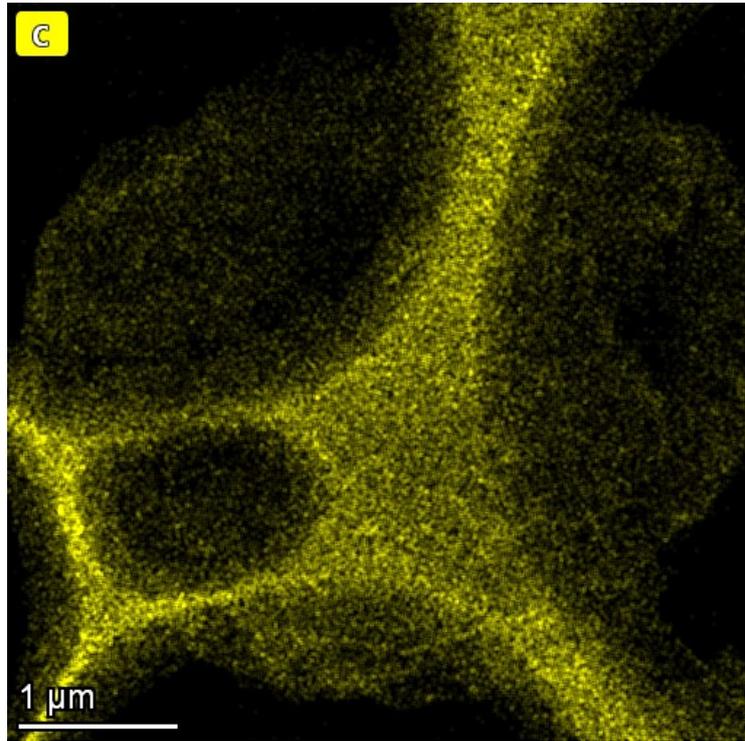


Figure S8. Carbon EDS mapping of FeCoNiMnMo/C-MS