

FeNiMo trimetallic nanoparticles encapsulated in carbon cages as boosted hydrogen evolution reaction electrocatalyst

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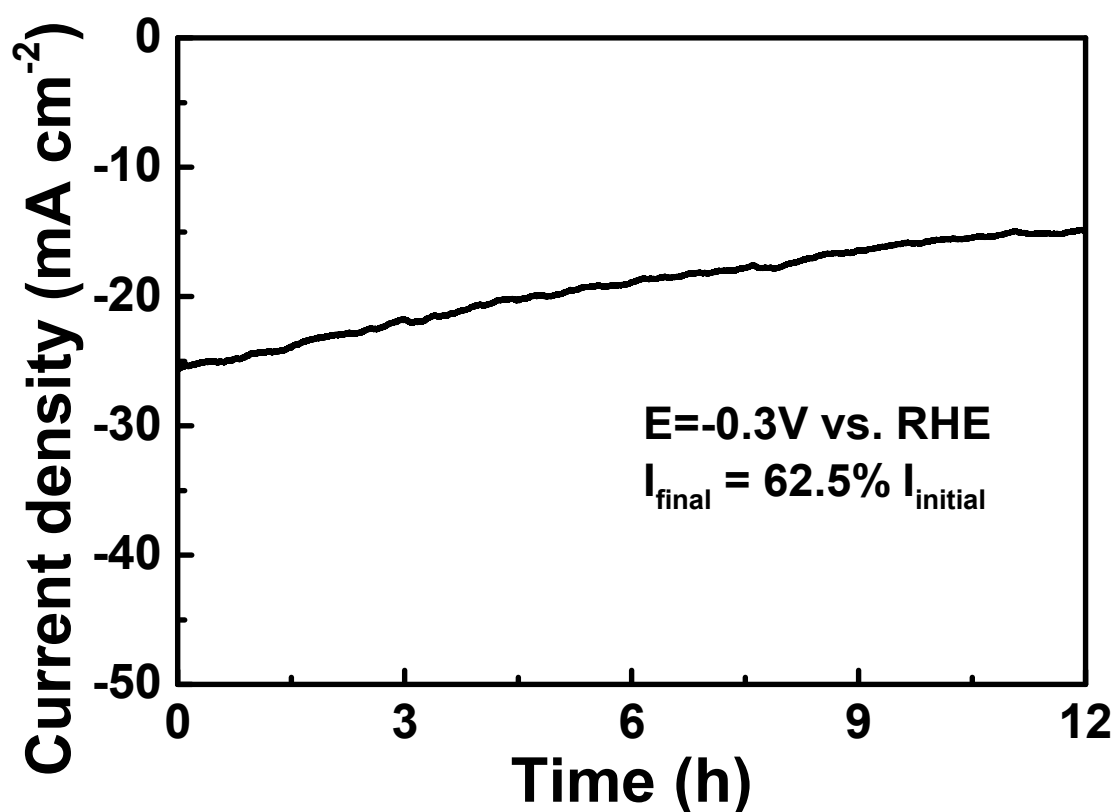


Figure.S1 The current density of $\text{Fe}^{3+}\text{NiMoC}$ electrode during electrolysis in N_2 -saturated 1 M KOH electrolyte at -0.3V vs. RHE for 12h (polarization time:1h).

Catalyst	$\eta_{\text{alkaline}}(\text{mV})$	$\eta_{\text{neutral}}(\text{mV})$	$\eta_{\text{acidic}}(\text{mV})$	Reference
$\text{Fe}^{3+}\text{NiMoC}$	199		246	This work
Ni@NC	205			[1]
CoMoS_4		104		[2]
NiMoS_4/Ti	194			[3]
Ni-FeP/C	95	117	72	[4]
Co@N-C	210		200	[5]
Ni-Co-MoS_2			155	[6]
Fe-Ni@NC-CNTs	202			[7]
$\text{Mn-Ni}_2\text{P}$	103			[8]
$\text{Ni(OH)}_2\text{-NiS}_2/\text{TM}$	90			[9]

NiFe-NC	197			[10]
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Table S1. Comparison of the HER activity of this work with other catalysts.

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