

Article

Controllable Synthesis of Graphene-Encapsulated NiFe Nanofiber for Oxygen Evolution Reaction Application

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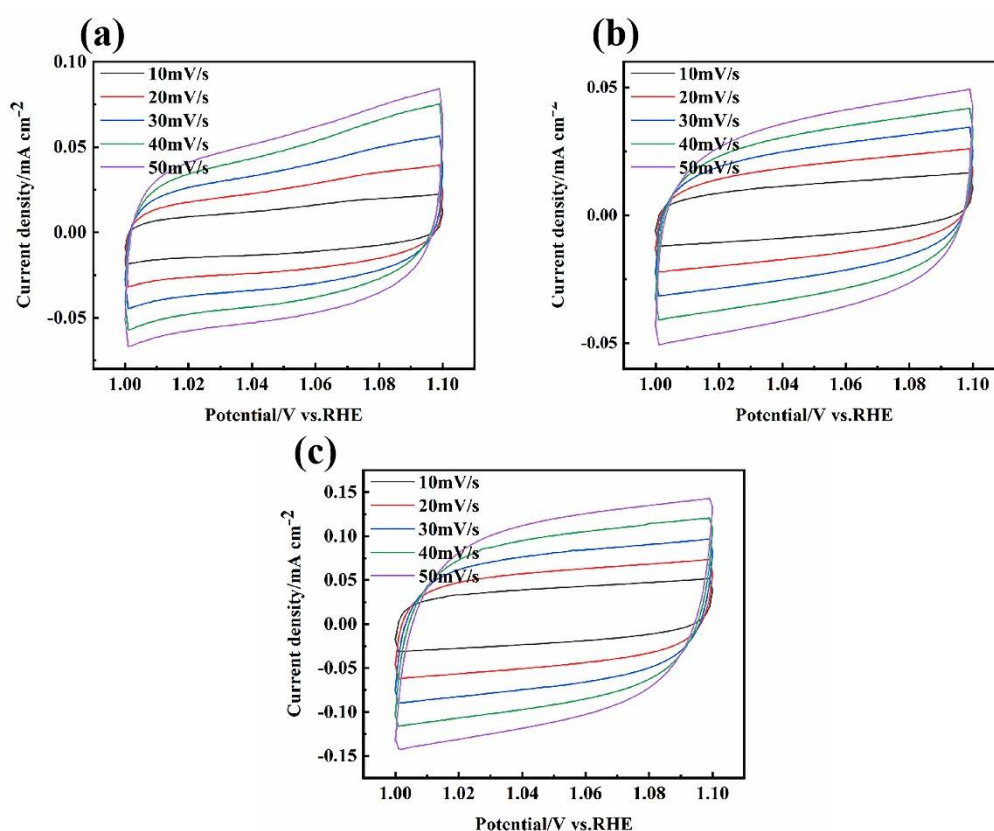


Figure S1. Cyclic voltammetry curves of other NixFey@C-CNFs. (a) Ni@C-CNFs. (b) NiFe@C-CNFs. (c) Ni7Fe3@C-CNFs.

Table S1. Electrocatalytic performance comparison of reported electrocatalysts.

Catalyst	$j/\text{mA cm}^{-2}$	Overpotential/mV	Tafel/mV dec ⁻¹	Reference
Ni ₃ Fe ₇ @C-CNFs	10	245	67	This work
ZnCo ₂ O ₄ @NiFe LDH	10	249	96.7	[1]
FeNi@NC	10	280	70	[2]
NiFeZr MOFs-0.12	10	288	66	[3]

NiFe alloy foams	10	292	126.12	[4]
NiFe alloy	10	298	51.9	[5]
Fe ₂ Ni-MIL-88B	10	307	38	[6]
NiFe@CN-G	10	320	41	[7]
Ni _{0.9} Fe _{0.1} /NC	10	330	45	[8]
NiFe/CN	10	360	61.5	[9]

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