

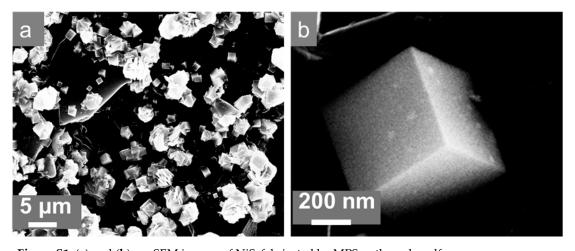


Supplementary Information

Hydrothermal synthesis of polyhedral nickel sulfide by dual sulfur source for high-efficient hydrogen evolution catalysis

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 $\textbf{Figure S1.} \ (\textbf{a}) \ \text{and} \ (\textbf{b}) \ \text{are SEM images of NiS} \\ \textbf{2} \ \text{fabricated by MPS as the only sulfur source.}$

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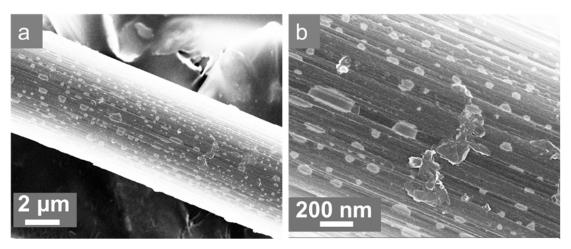


Figure S2. (a) and (b) are SEM patterns of the product which prepared by sulfur powder only.

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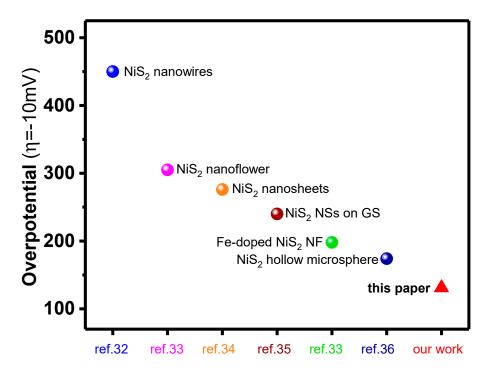


Figure S3. Contrast of HER activity of electrocatalysts of similar materials.