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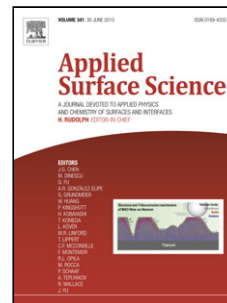
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Synthesis and Photo-electrochemical Properties of Spinel-ferrite-coated Hematite for Solar Water Splitting

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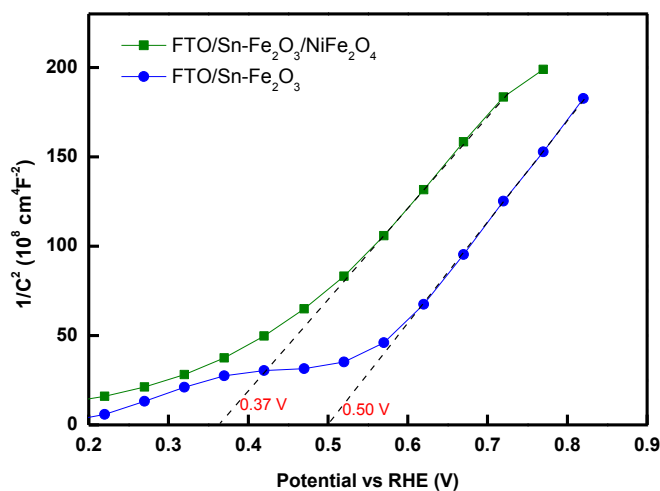
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Graphical abstract



Highlights

- ▶ Spinel ferrite was evaluated for use as a high-performance photo-anode material.
- ▶ A nickel-ferrite over-layer was successfully formed on a 1-D hematite nanorod.
- ▶ Improved photo-electrochemical performance was achieved through an increase in the photo-voltage and a decrease in the kinetic over-potential.

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