## Accepted Manuscript

Title: Pt-doped  $\alpha$ -Fe<sub>2</sub>O<sub>3</sub> photoanodes prepared by a magnetron sputtering method for photoelectrochemical water splitting

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### ACCEPTED MANUSCRIPT

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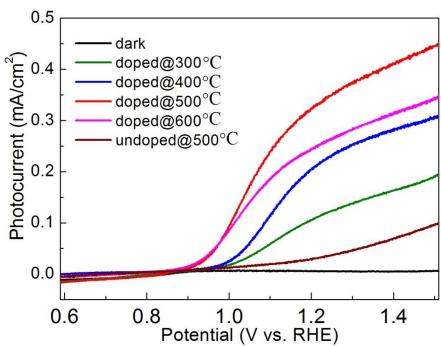
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#### Graphical abstarct



Photocurrent density vs. applied potential curves for  $\alpha$ -Fe<sub>2</sub>O<sub>3</sub> films doped with and without Pt. V is the applied voltage and RHE is the reversible hydrogen electrode under standard illumination conditions (AM 1.5 G 100 mW/cm<sup>2</sup>).

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