

1 **Pd:In-doped TiO₂ as a bifunctional catalyst for the photoelectrochemical oxidation of**
2 **paracetamol and simultaneous green hydrogen production.**

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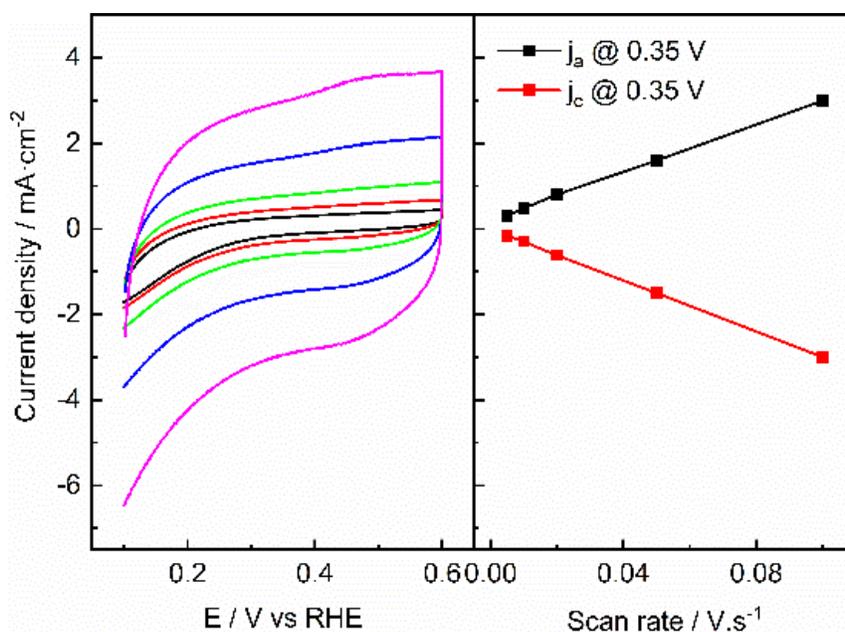
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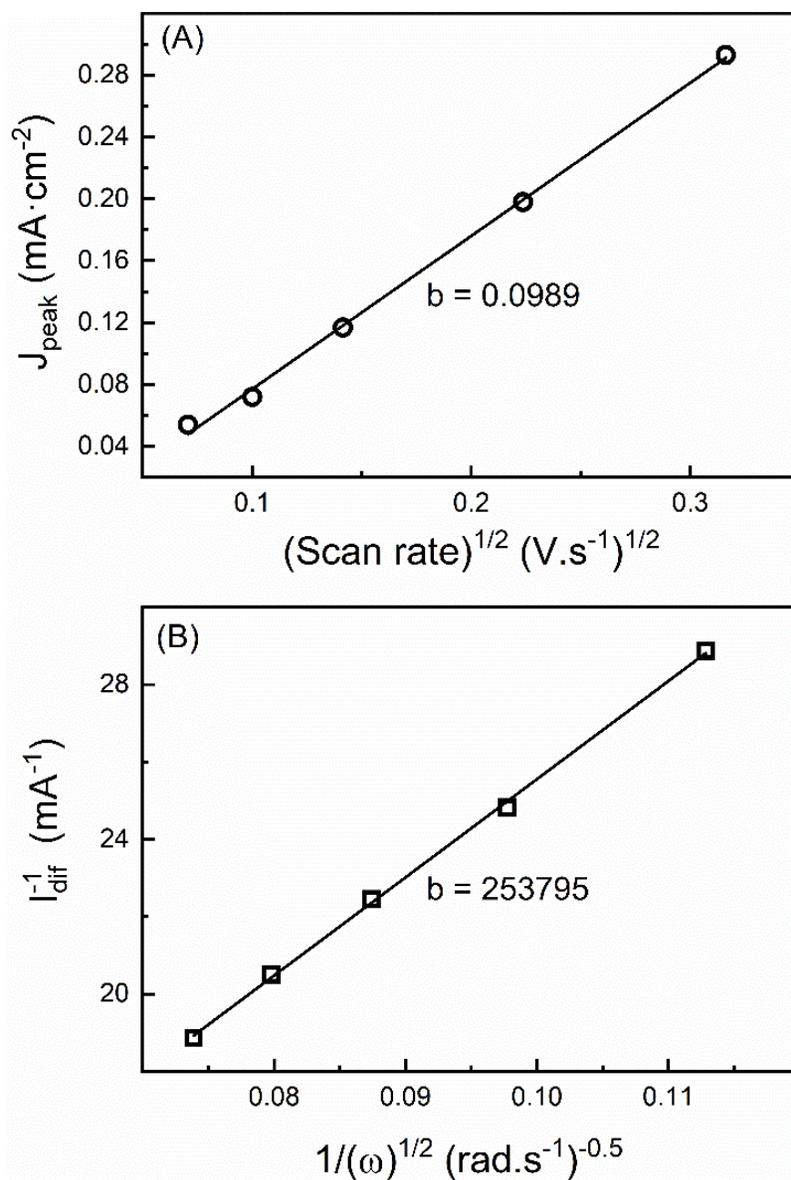
SUPPLEMENTARY INFORMATION

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16 **Figure S1.** (A) Cyclic voltammograms recorded at different sweep rates 5 (black line), 10
17 (red line), 20 (green line), 50 (blue line) and 100 (pink line) mV·s⁻¹ at GC electrode in 0.1
18 M phosphate buffer solution (left panel). (B) Current density (mA·cm⁻²) as a function of
19 scan rate (V·s⁻¹) (right panel). Data acquired from Fig. S1A at 0.3 V.



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2 **Figure S2.** Linear fit of current peak vs square root of scan rate (top panel) and diffusion
3 current vs the inverse of square root rotation rate (bottom panel). Data acquired from Fig. 9.