

## Supplementary Material

# Simultaneous Photocatalytic Sugar Conversion and Hydrogen Production Using Pd Nanoparticles Decorated on Iron-Doped Hydroxyapatite

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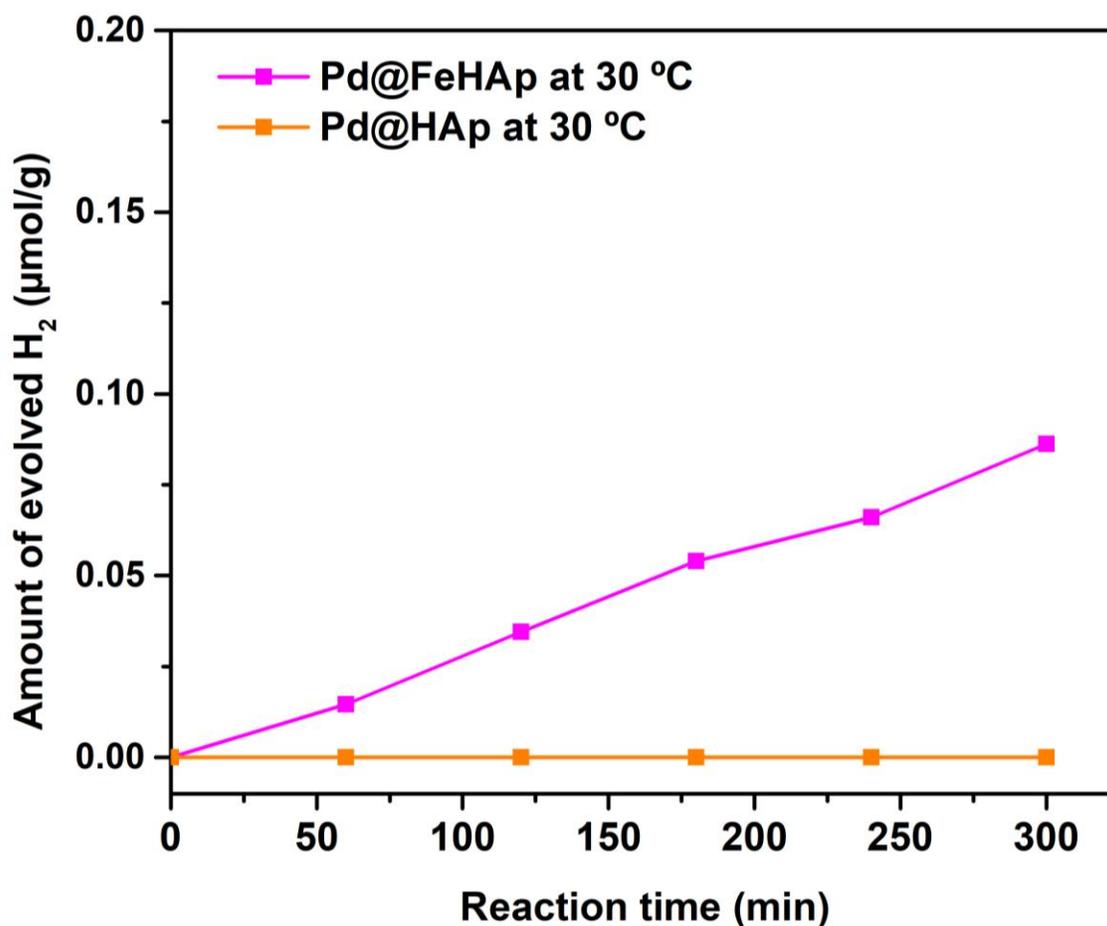
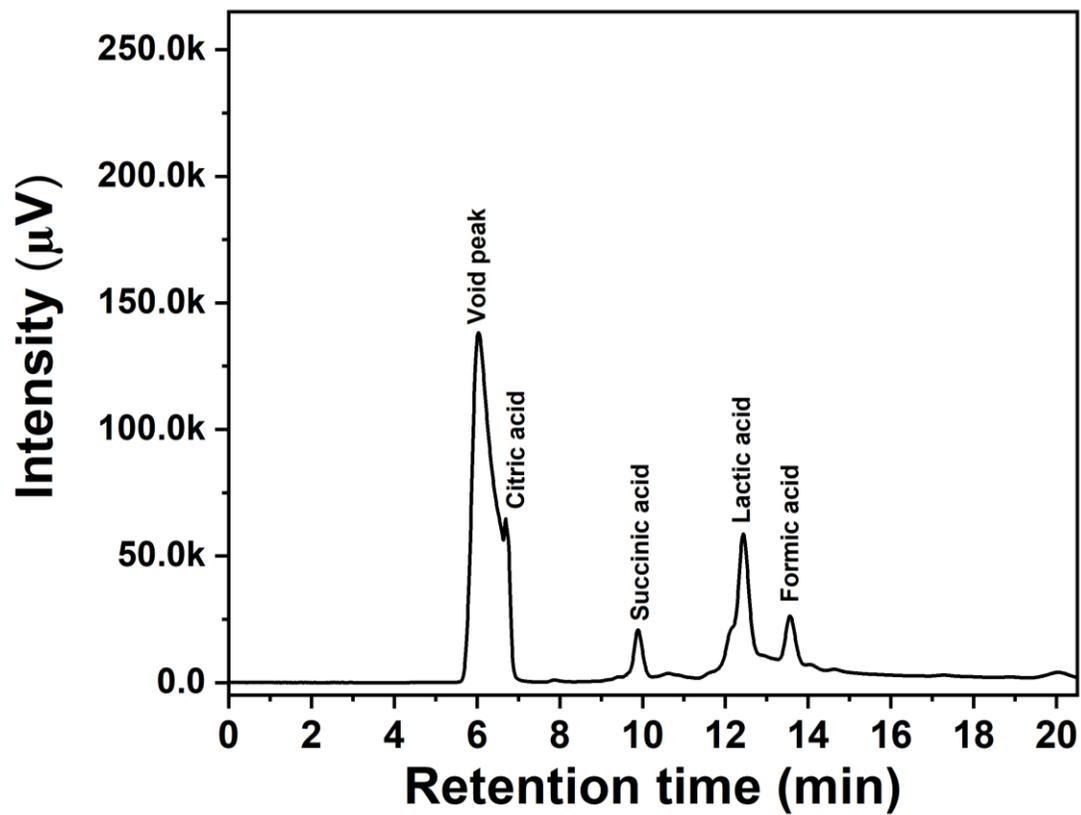


Figure S1. Time course of photocatalytic H<sub>2</sub> production over Pd@HAp and Pd@FeHAp.



**Figure S2.** HPLC spectrum of the solution after the simultaneous photocatalytic sugar conversion and hydrogen production over Pd@HAp for 4h at 30°C.