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Title: Selective hydrogenation of furfural over Pt based and Pd based bimetallic catalysts supported on modified multiwalled carbon nanotubes (MWNT)

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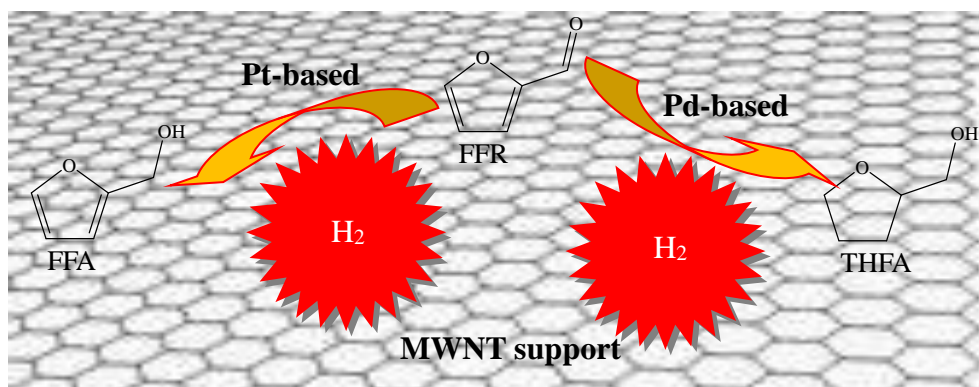
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Graphical abstract



Highlights:

- Pt- and Pd-based catalysts were applied in liquid-phase hydrogenation of furfural.
- Bimetallic Pt based catalysts present a tendency for FFA formation.
- Bimetallic Pd based catalysts present a tendency for THFA formation.
- Pt–Fe/MWNT and Pd–Ni/MWNT exhibit good recyclability in furfural hydrogenation.

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