

## Supplementary Material (ESI) for Green Chemistry

### **Magnetically Recoverable Heterogeneous Catalyst: Palladium Nanocluster Supported on Hydroxyapatite-Encapsulated $\gamma$ -Fe<sub>2</sub>O<sub>3</sub> Nanocrystallites for Highly Efficient Dehalogenation with Molecular Hydrogen**

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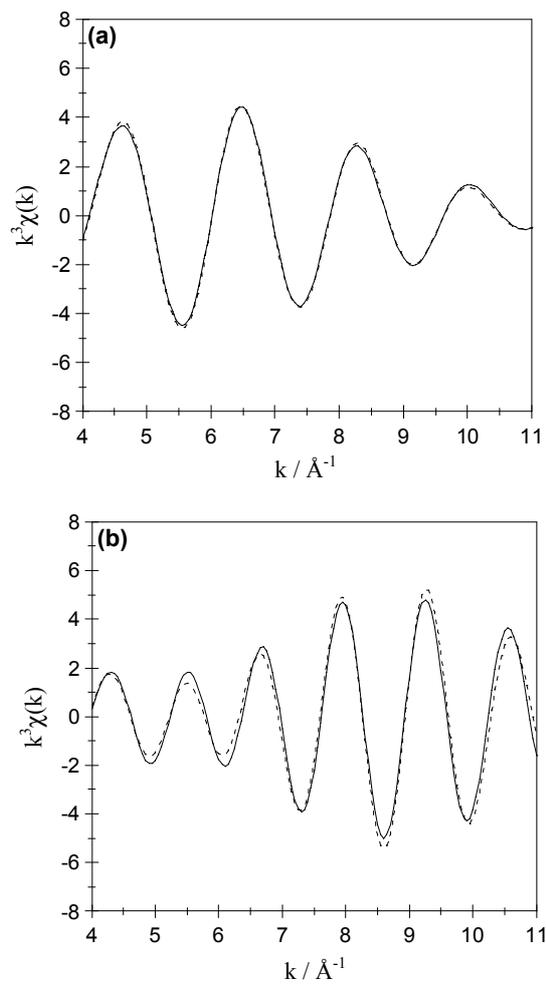
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**Fig. S1** Fit of Fourier-filtered EXAFS of (a)  $\text{Pd}^{\text{II}}\text{HAP-}\gamma\text{-Fe}_2\text{O}_3$  and (b)  $\text{PdHAP-}\gamma\text{-Fe}_2\text{O}_3$ . The solid curve is obtained experimentally, and the dotted curve is the calculated fit.