CO₂ Hydrogenation to Methanol over Cd₄/TiO₂ Catalyst: Insight into Multifunctional Interface

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1. **Cd₄ clusters**

![Cd₄ clusters](image)

**Figure S1.** The optimized Cd₄ clusters: (a) planar rhombus and (b) tetrahedron. The clusters represent in top view (top) and side view (bottom).
Figure S2. The reaction energy profiles for the H₂ dissociation followed by H migration and H spillover on Cd₆/TiO₂ catalyst
3. Reaction energy profiles

energy profiles for the CO₂ hydrogenation to CH₃OH on Cd₄/TiO₂ catalyst.