

Electronic Supplementary Information

Uniform dispersion of ultrafine ruthenium nanoparticles on nano-cube ceria as efficient catalysts for hydrogen production from ammonia-borane hydrolysis

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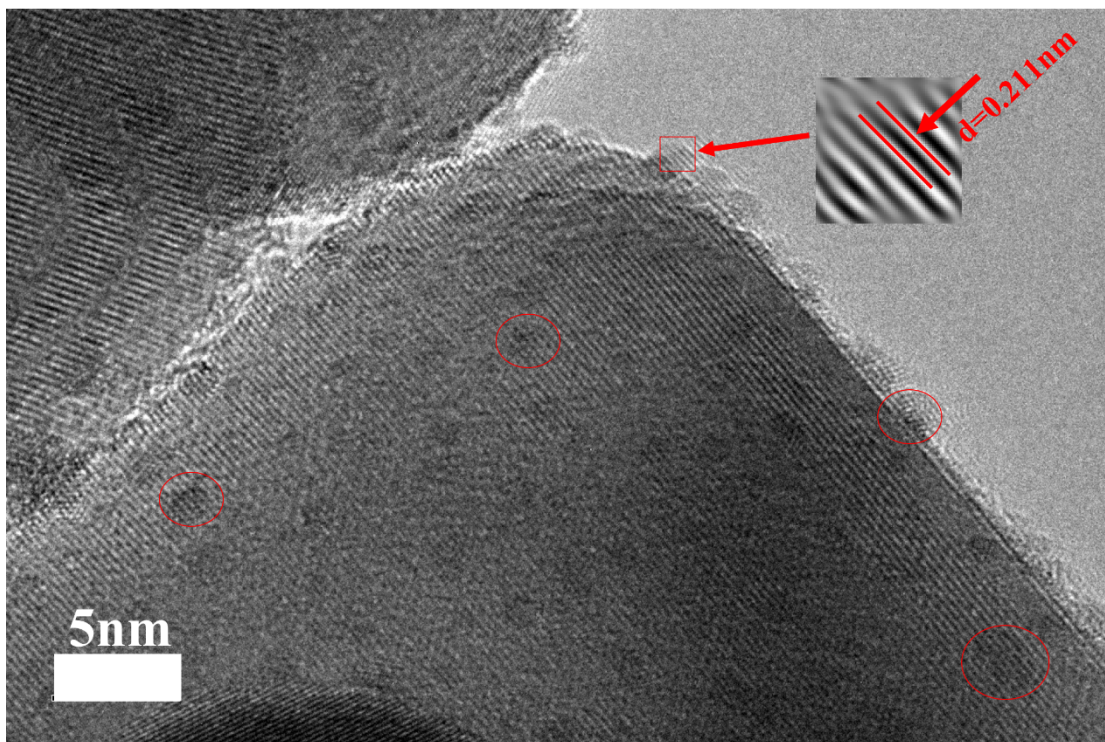


Figure S1. TEM images of Ru₁/CeO₂-180.

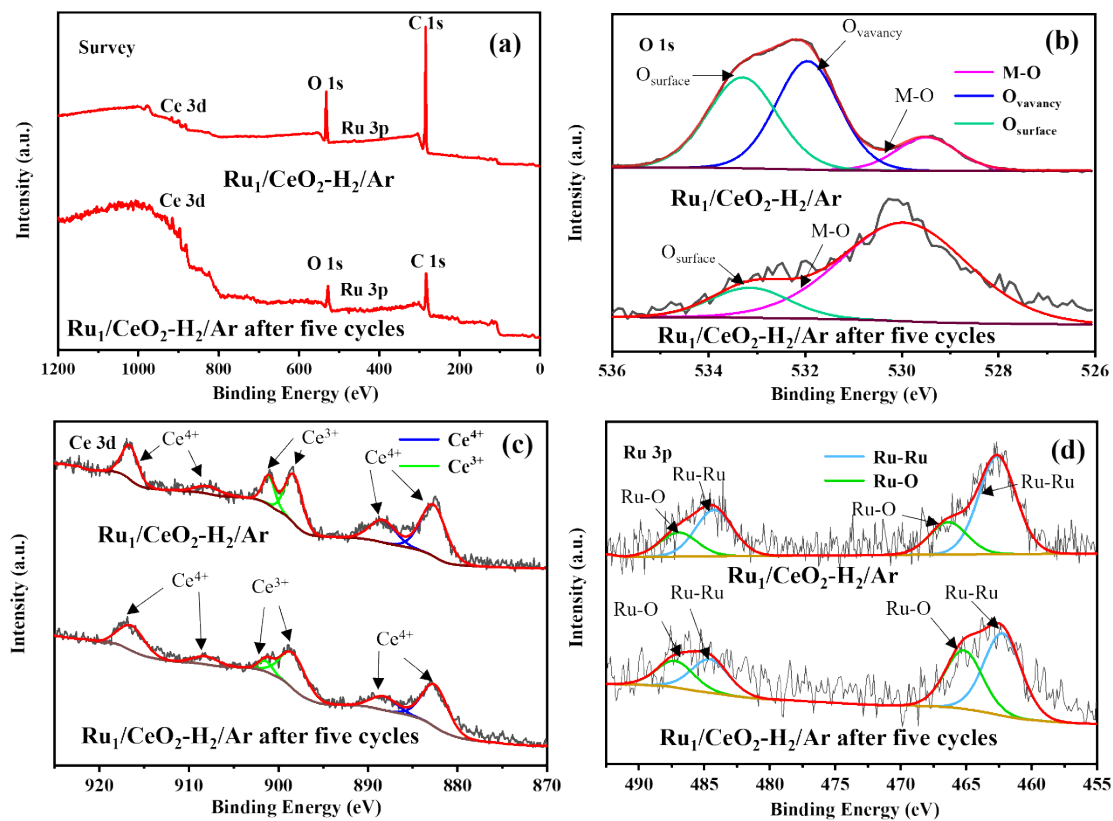


Figure S2. (a) XPS full spectrum and high-resolution XPS data of (b) O 1s, (c) Ce 3d, and (d) Ru 3p of the cycled $\text{Ru}_1/\text{CeO}_2\text{-H}_2/\text{Ar}$ catalyst after five runs. For comparison, XPS results of the fresh sample is shown in this figure.