

# **The Effect of N- and P-type Doping on the Oxygen Binding Energy and Oxygen Spillover of Supported Palladium Clusters**

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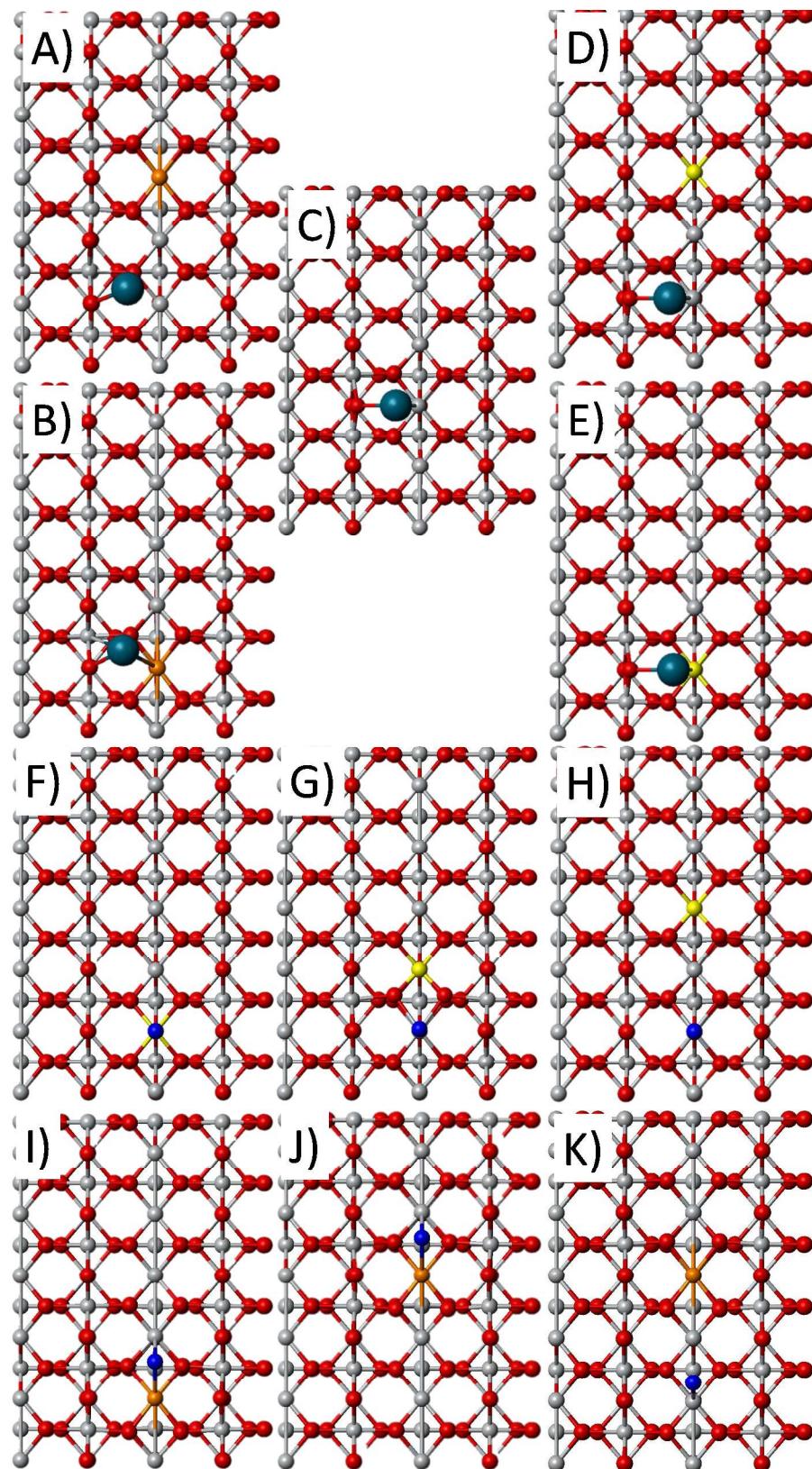


Figure S1. The structure of Pd bound to A-B) Sc-Doped  $\text{TiO}_2$ , C) Pristine  $\text{TiO}_2$ , D-E) and V-Doped  $\text{TiO}_2$ . The structure of O bound to F-H) V-Doped  $\text{TiO}_2$ , I-K) and Sc-Doped  $\text{TiO}_2$ .