Supporting Information

Catalytic activity of single-atom copper modified reconstructed cerium dioxide (100) surface for

Ammonia oxidation: A DFT+U study

Jia-Jie Du^{1,†}, Xue-Qing Gong^{1,*}

¹State Key Laboratory of Synergistic Chem-Bio Synthesis, School of Chemistry and Chemical Engineering, Shanghai Jiao Tong University, Shanghai 200240, China

tions in Comp

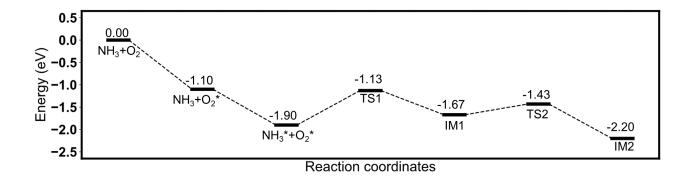


Figure S1. Calculated energy profile of the ammonia dissociation. The state with gas-phase ammonia and oxygen molecules is set to energy zero.

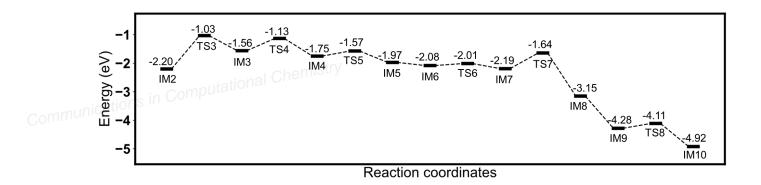


Figure S2. Calculated energy profile of the ammonia oxidation process. The state with the unabsorbed ammonia and oxygen molecules is set to energy zero.