

Fig. 1 Pt/SnO<sub>2</sub>(110) model

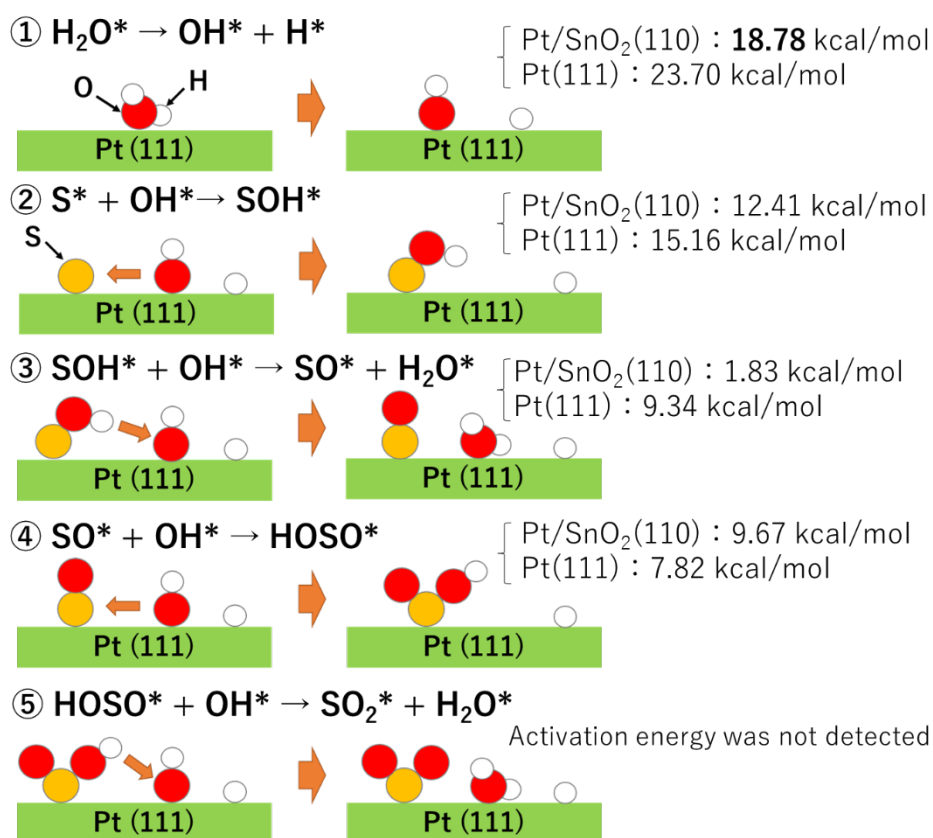


Fig. 2 Oxidation reaction process of adsorbed sulfur atom by H<sub>2</sub>O molecule and activation energy for each elementary process