

具有特殊结构和电子性质的 PdAu/Al₂O₃ 催化剂上蒽醌加氢 反应性能

韩 优 何志远 管永川 李韡 张金利*

(天津大学化工学院, 天津 300072)

Catalytic Performance of PdAu/Al₂O₃ Catalyst with Special Structural and Electronic Properties in the 2-Ethylanthraquinone Hydrogenation Reaction

HAN You HE Zhi-Yuan GUAN Yong-Chuan LI Wei ZHANG Jin-Li*

(School of Chemical Engineering and Technology, Tianjin University, Tianjin 300072, P. R. China)

*Corresponding author. Email: zhangjinli@tju.edu.cn; Tel: +86-22-27401476.

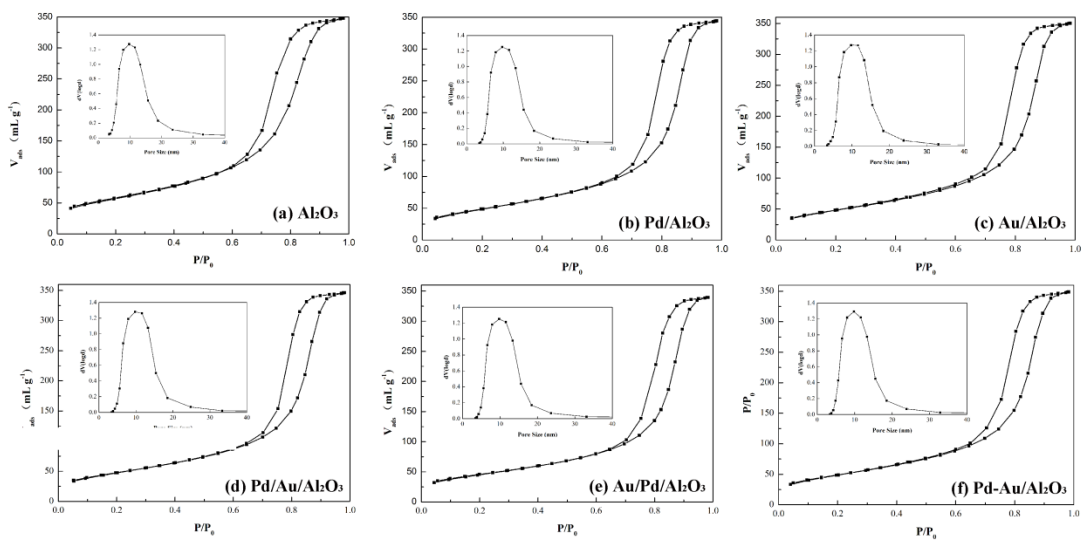


Fig.S1 N₂ adsorption-desorption isotherms of γ -Al₂O₃ (a), Pd/Al₂O₃ (b), Au/Al₂O₃ (c), Pd/Au/Al₂O₃ (d), Au/Pd/Al₂O₃ (e) and Pd-Au/Al₂O₃ (f), insets were their BJH pore size distributions

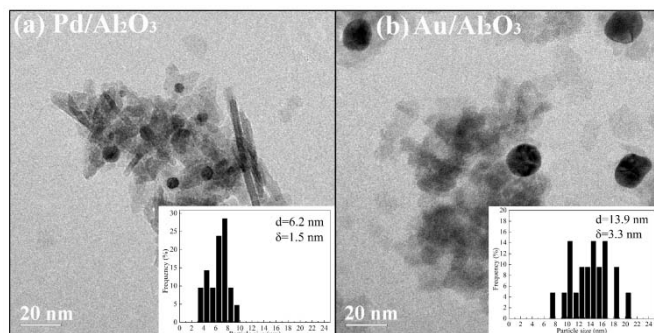


Fig.S2 TEM images for Pd/Al₂O₃ (a) and Au/Al₂O₃ (b)