

## Supporting information

### Quasi-Single-Layer MoS<sub>2</sub> on MoS<sub>2</sub>/TiO<sub>2</sub> Nanoparticles for Anthracene Hydrogenation

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**Figure captions:**

Figure S1 Phase compositions of supported MoS<sub>2</sub>/TiO<sub>2</sub> nanocatalysts with different MoS<sub>2</sub> loadings synthesized by hydrothermal method.

Figure S2 SEM images of (a) HT-P25-400, and (b) HT-ATM-30.

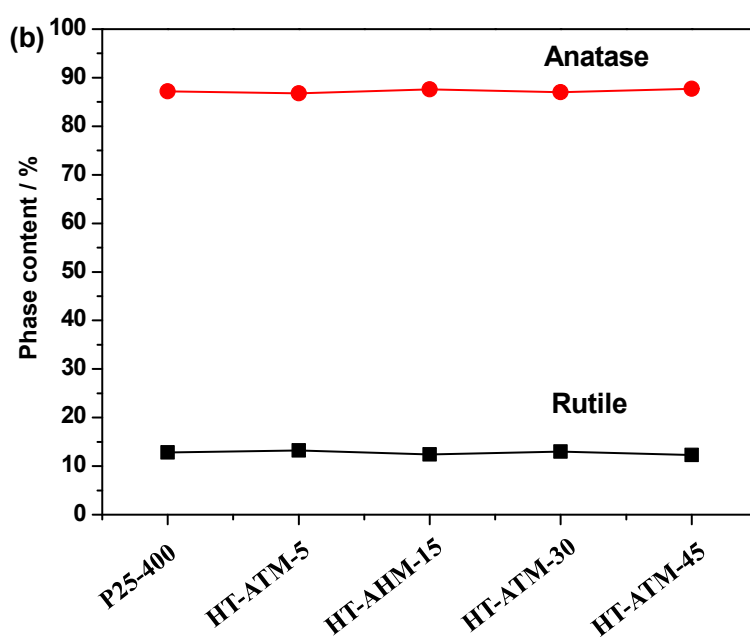


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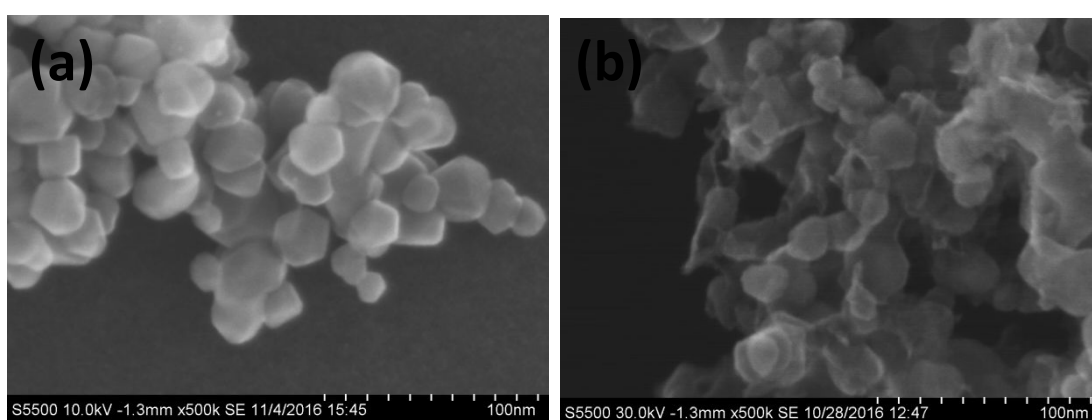


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