

## Electronic Supporting Information

### Porosity driven photocatalytic activity of wormhole mesoporous $\text{TiO}_{2-x}\text{N}_x$ in direct sunlight

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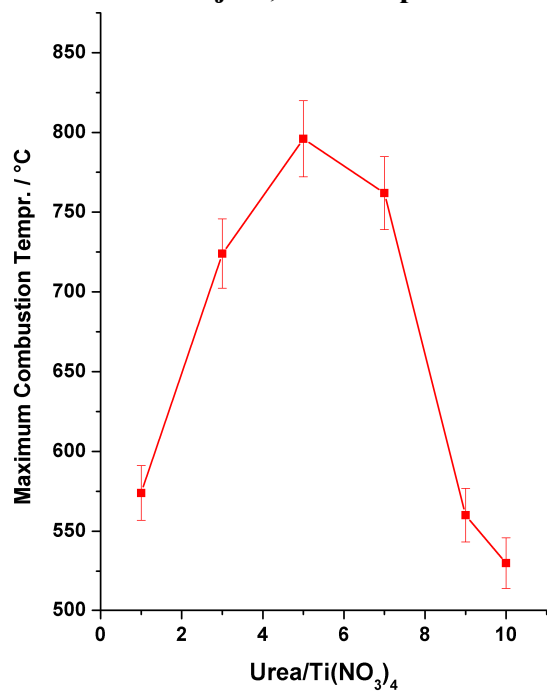


Figure S1: Maximum combustion temperature measured for various urea to Ti(NO<sub>3</sub>)<sub>4</sub> ratios.

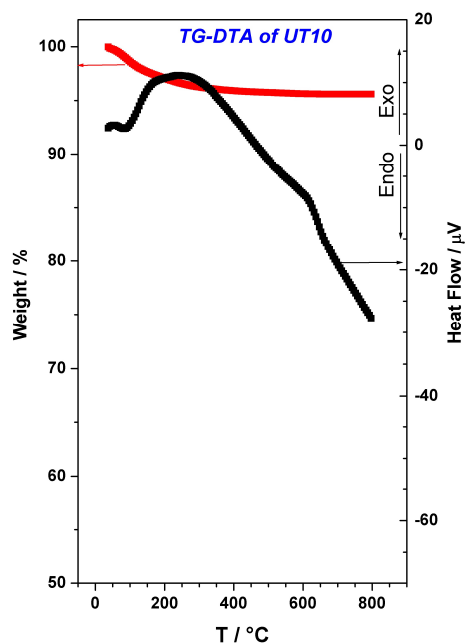


Figure S2: Thermogravimetric and differential thermal analysis of UT10 measured in an air atmosphere at a heating rate of 10°C/min. No weight loss and exothermic peaks above 180°C indicates the absence of any organic impurity.