

Supporting Information

Facile synthesis of hierarchical porous TiO₂ ceramics with enhanced photocatalytic performance for micro-polluted pesticide degradation

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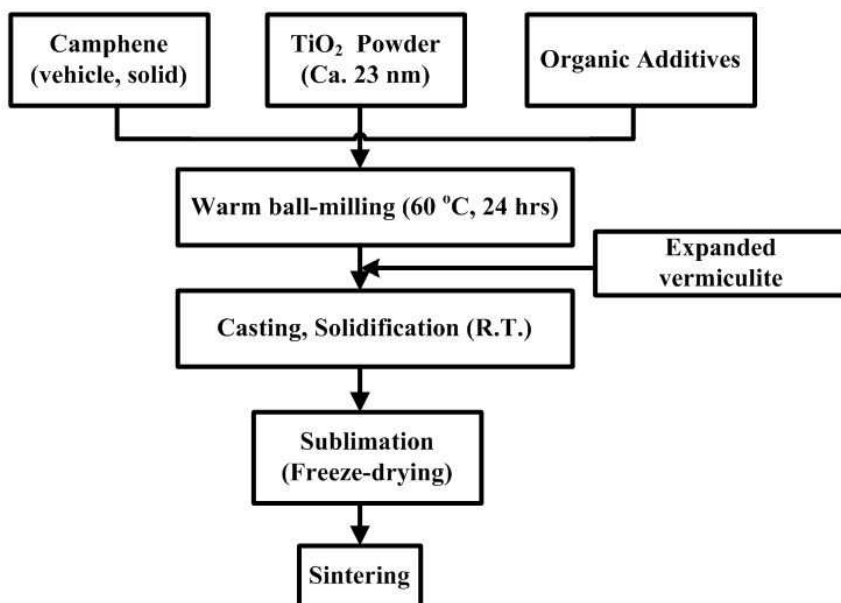


Figure S1. Schematic chart of the fabrication procedure.

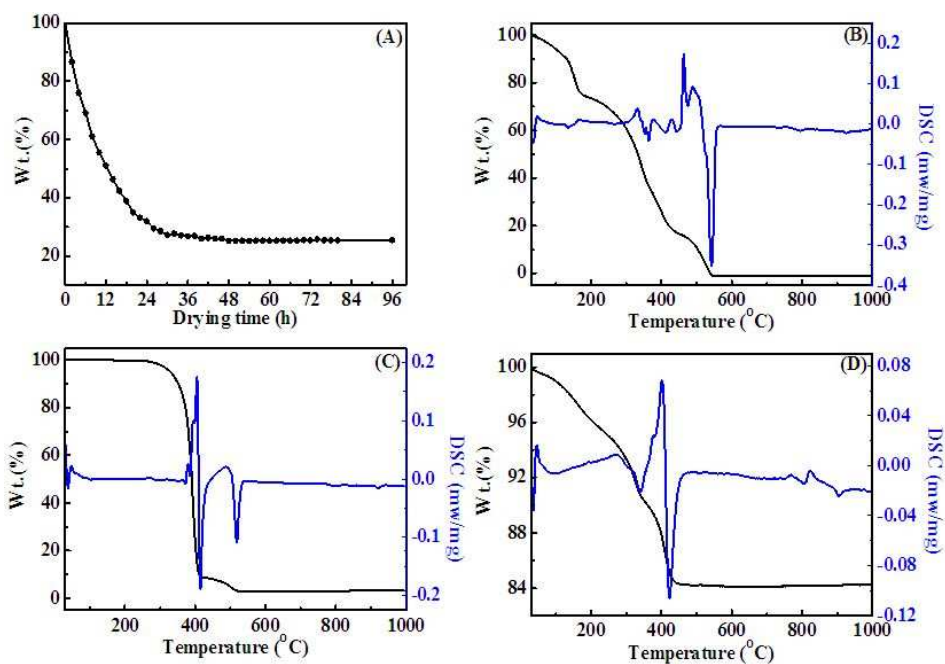


Figure S2. (A) Change of the relative weight during freeze-drying of camphene-based green body, (B) TGA analyses of the dispersant, (C) TGA analyses of the binder, (D) TGA analyses of the green body after the freeze-drying.

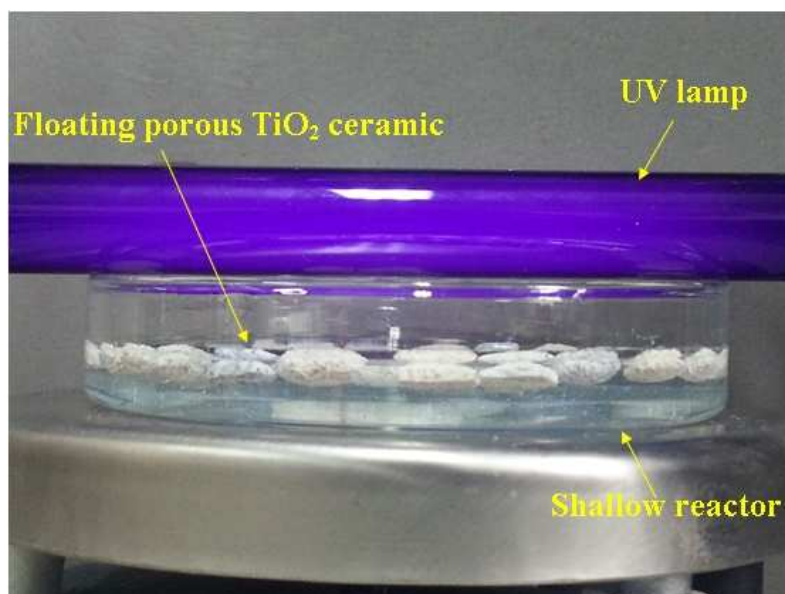


Figure S3. Images of floating porous TiO₂ ceramic.

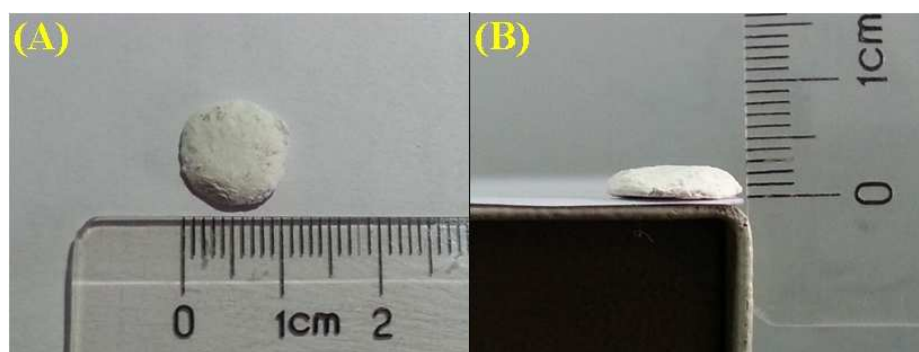


Figure S4. Image of floating porous TiO₂ ceramic with single ceramic: (A) vertical view, (B) lateral view.

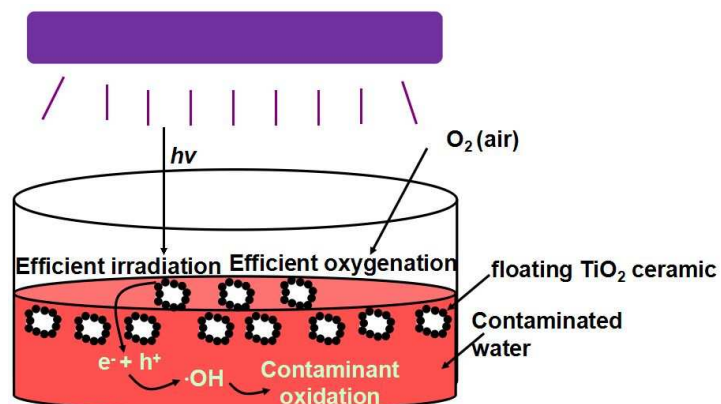


Figure S5. Schematic representation of the floating porous TiO₂ ceramic for contaminants oxidation.

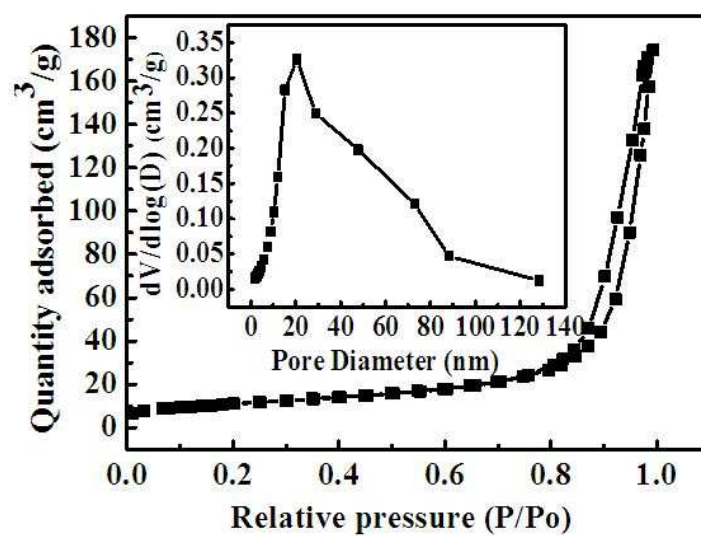


Figure S6. Nitrogen adsorption-desorption isotherms and the pore size distribution (insert) of the floating porous TiO₂ ceramic.

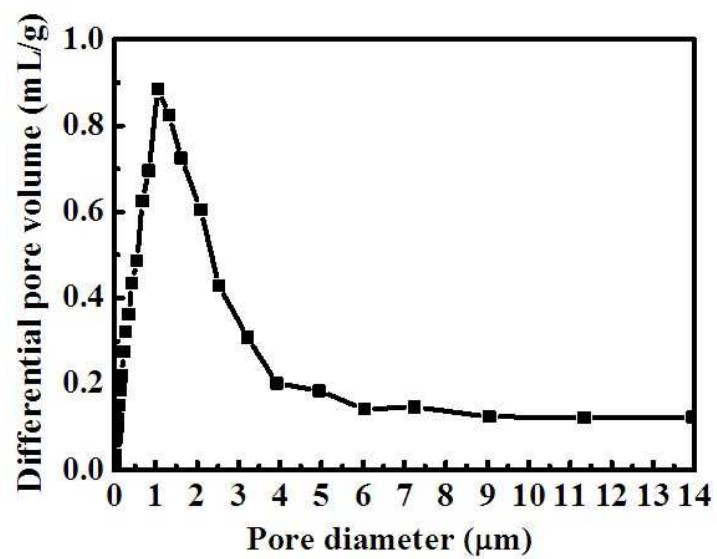


Figure S7. The pore size distribution of the floating porous TiO₂ ceramics.