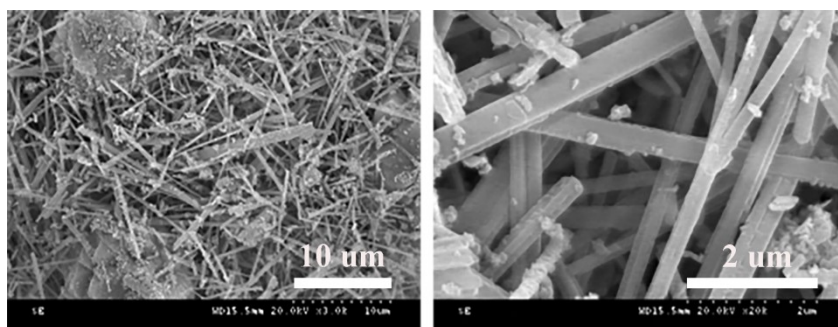
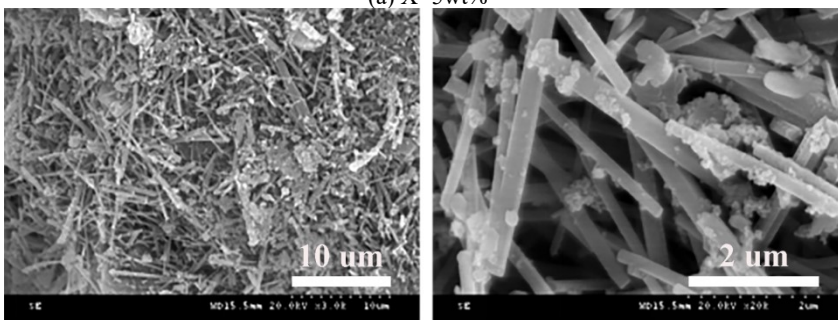


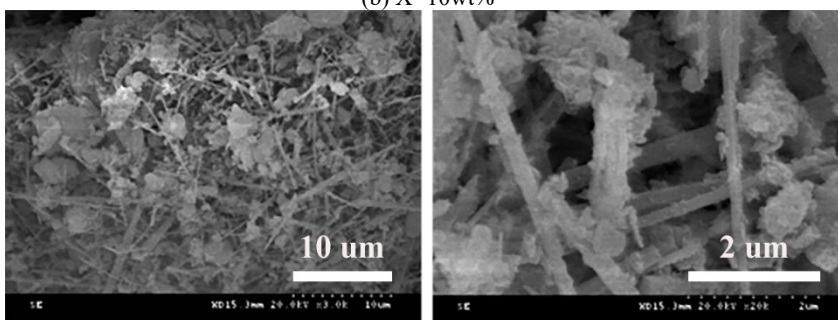
Supporting Information



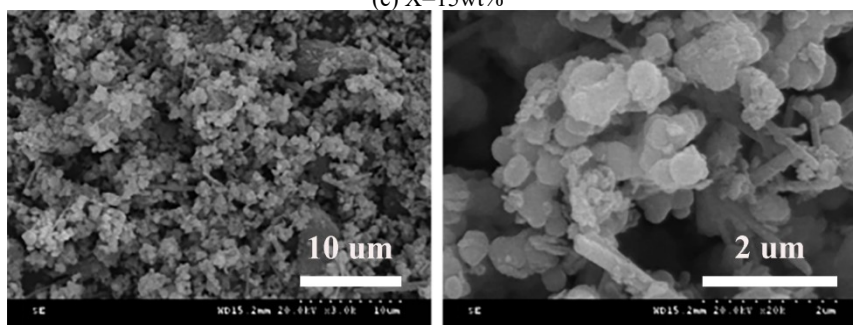
(a) X=5wt%



(b) X=10wt%

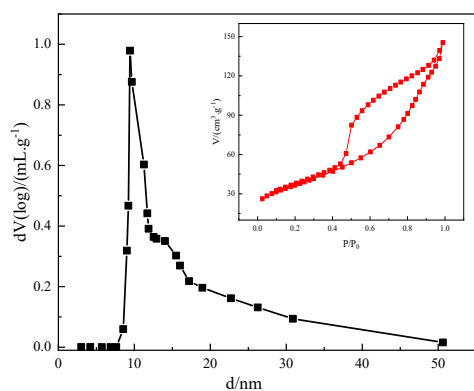


(c) X=15wt%

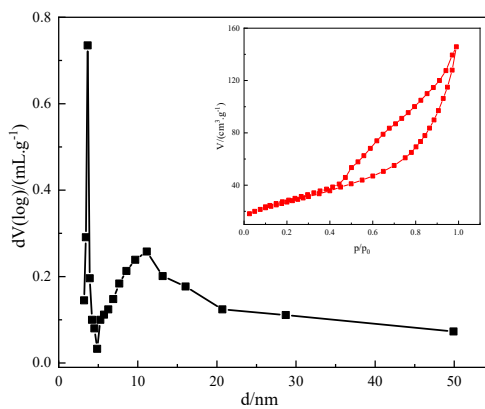


(d) X=25wt%

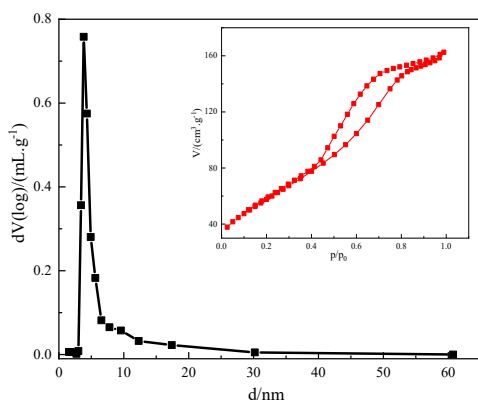
SEM micrographs of photocatalysis/adsorption catalysts with different loading of TiO₂



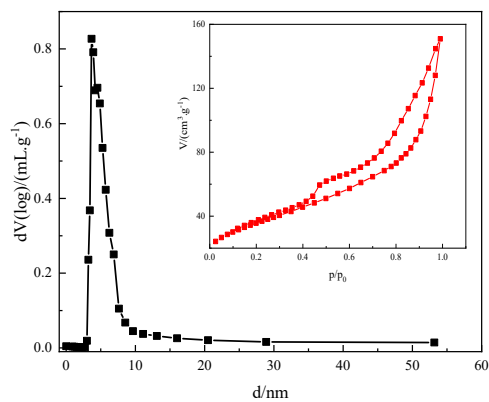
(a) porous glass-H



(b) TiO₂



(c) TiO₂/porous glass



(d) TiO₂/porous glass-H

N₂ adsorption-desorption curves and pore size distribution diagrams of different catalysts