Supplementary Information

Photocatalytic performance of TiO_2-zeolite templated carbon composite in organic contamination degradation

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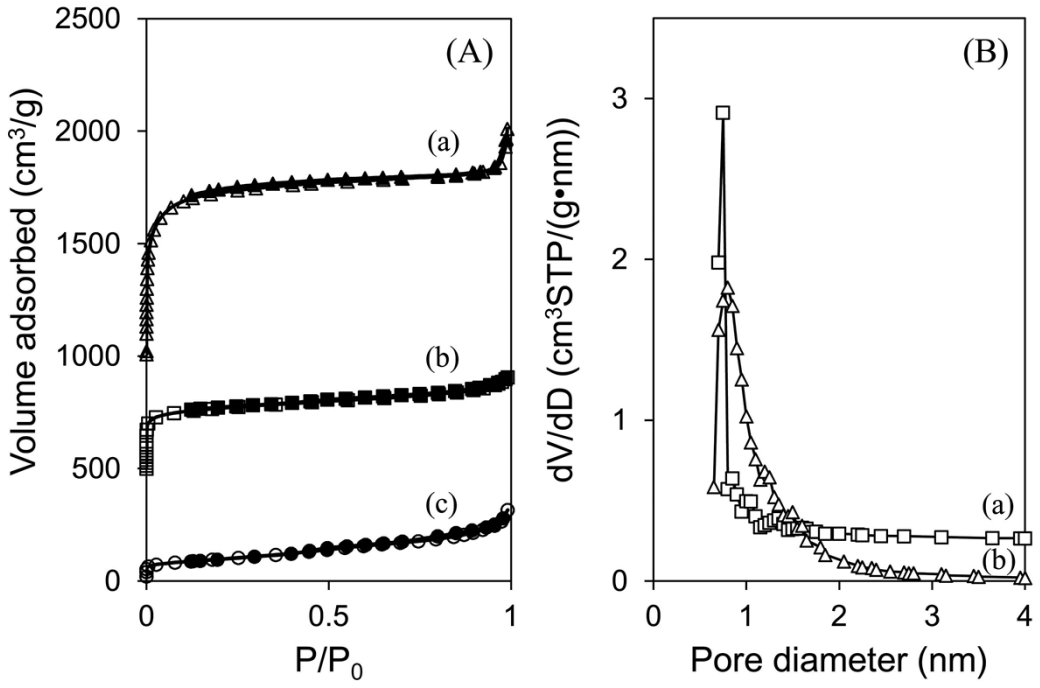

Fig. S1 (A) Nitrogen adsorption-desorption isotherm and (B) pore size distribution curve of each catalyst ((a) TiO_2-ZTC, (b) TiO_2-AC, and (c) TiO_2).

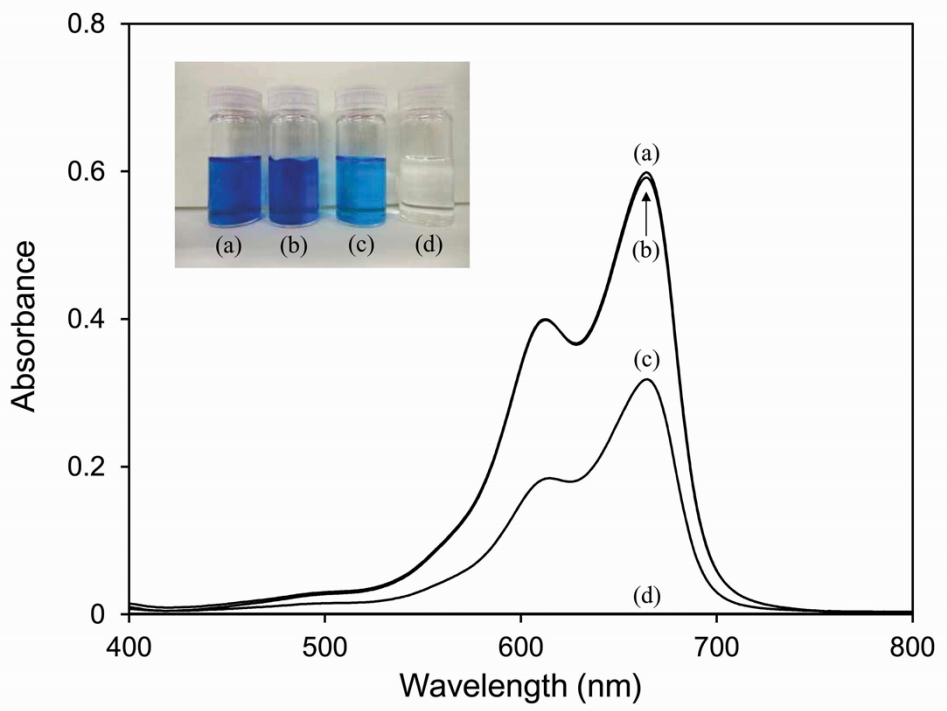

Fig. S2 UV-vis absorption spectra before and after methylene blue (MB) adsorption on different catalysts under dark condition: (a) initial methylene blue solution (concentration of 0.3 mM), (b) TiO_2 powder, (c) TiO_2-AC, and (d) TiO_2-ZTC. Inset shows photographic images of MB solutions.

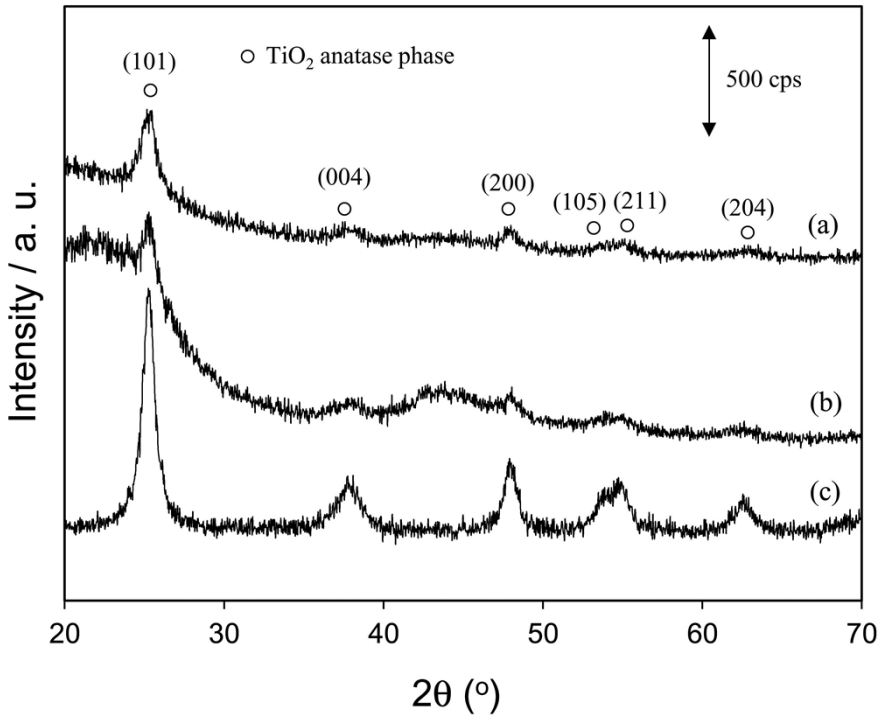

Fig. S3 XRD pattern of each catalyst: (a) TiO_2-ZTC, (b) TiO_2-AC, and (c) TiO_2.