**SUPPORTING INFORMATION**

**Ternary Adsorbent Photocatalyst Hybrid (APH) Nanomaterials for Improved Abstraction of Tetracycline from Water**

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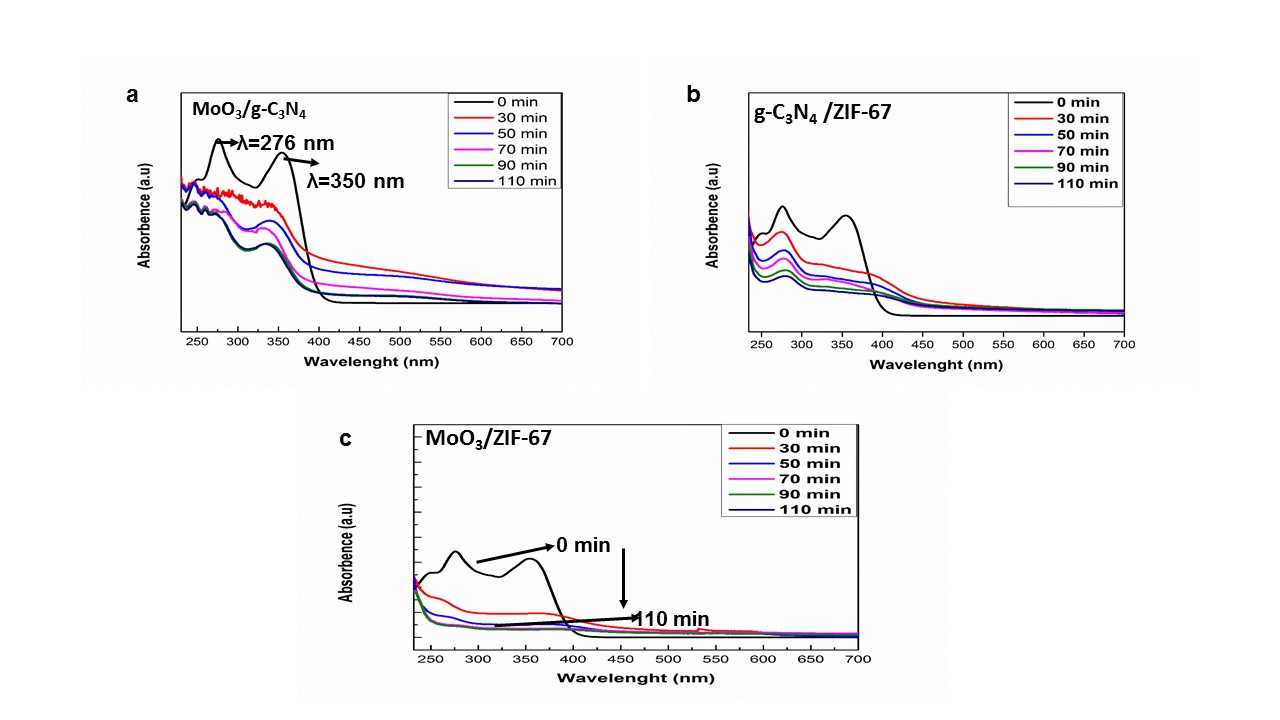
**Fig. S1** SEM images of (a) CMZ-1 nanohybrid (b) SEM image of CMZ-4 nanohybrid



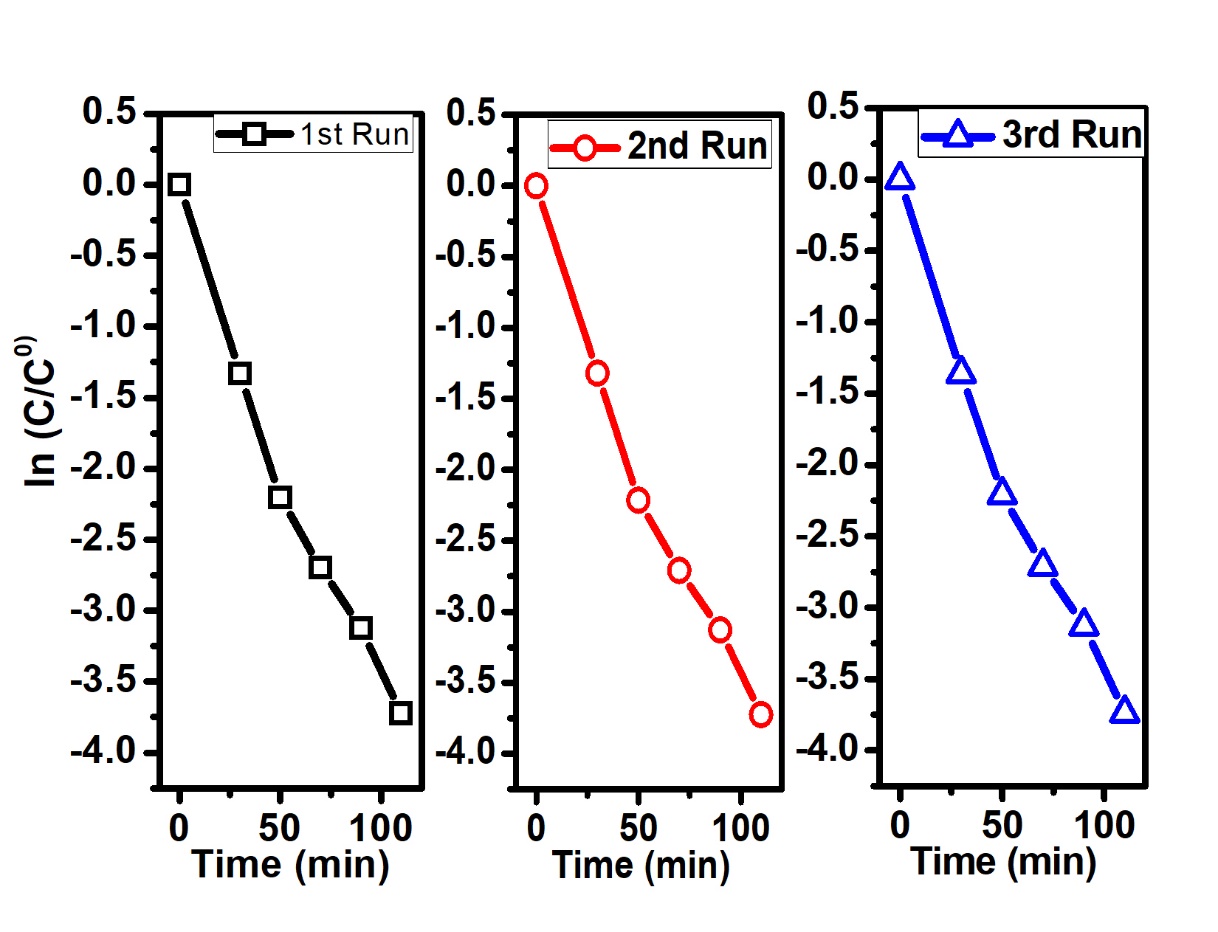
**Fig. S2** HAADF images of CMZ-3 showing elemental mapping for C, Co, N, O, Mo

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**Fig. S3** N2 adsorption-desorption isotherms for CMZ-3 and CMZ-4 nanohybrids (inset) pore size distribution



**Fig. S4** Photocatalytic experiments performed with (a) CM (b) CZ and (c) MZ nanohybrids



**Fig. S5** Recyclability/Reusability analysis of TC degradation in the presence of CMZ-3 nanohybrid