Electronic Supplementary Material (ESI) for New Journal of Chemistry.

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Table S1. The elemental composition of the materials.

Samples	Elemental composition (wt%)		
	Ti	С	N
$g-C_3N_4$	-	37.05	62.95
CN-TCM-1	18.09	79.60	2.30
CN-TCM-2	11.63	73.93	14.44
CN-TCM-3	6.32	76.77	16.90
CN-TCM-5	3.77	74.04	22.18

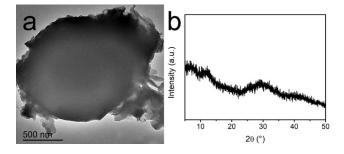


Figure S1. The TEM (a) and XRD (b) results of CN-TCM-3 after the consecutive repeating experiments.