Electronic Supplementary Information (ESI)

A facile approach to fabricate porous UMCM-150 nanostructures and their adsorption behavior for methylene blue from aqueous solution

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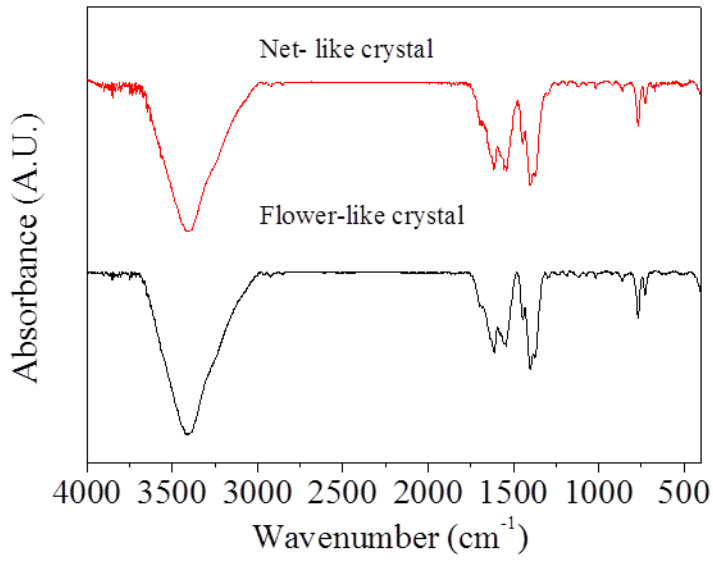

Fig. S1 IR spectra of UMCM-150 nanostructures.

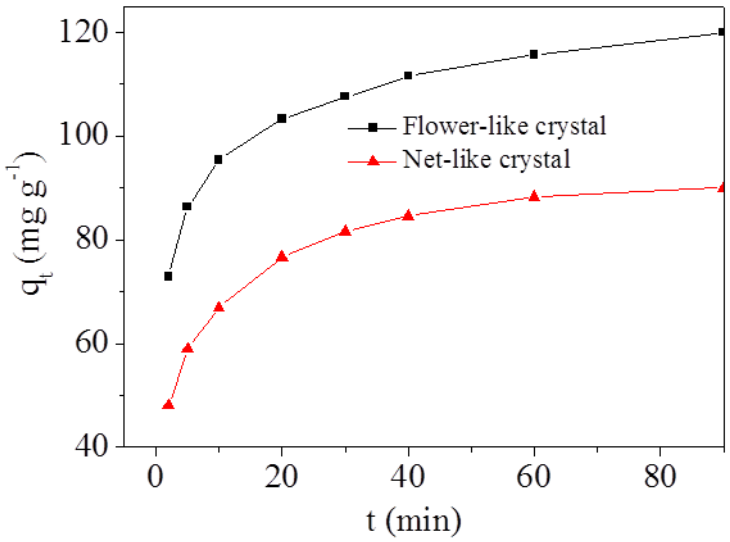

Fig. S2 Effects of contact time on the MB adsorption of UMCM-150 nanostructures.

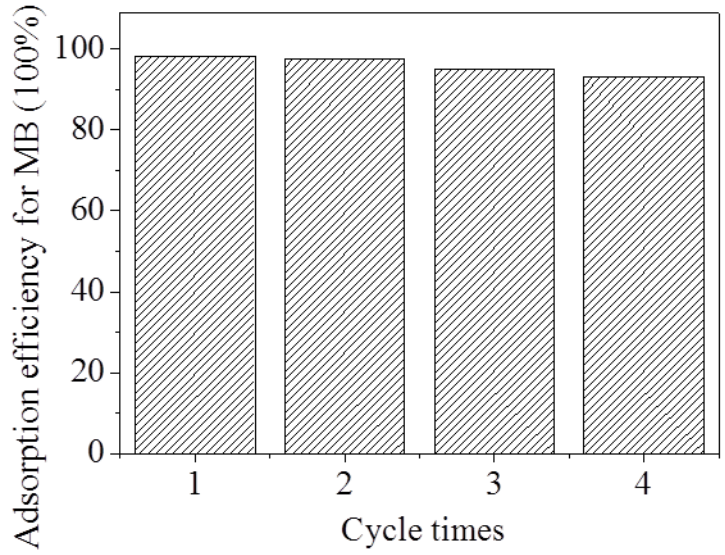

Fig. S3 Recycle of the removal efficiency of UMCM-150 flower-like nanostructures for MB.

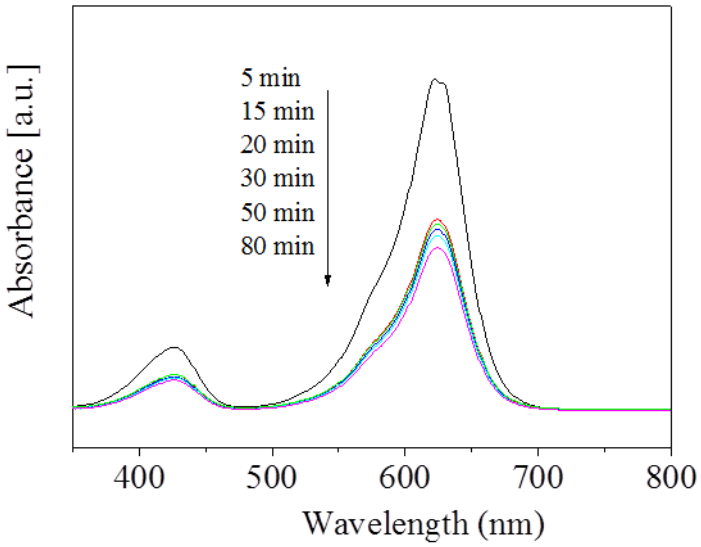

Fig. S4 UV-vis spectra of a solution of brilliant green (20 mg L^{-1}, 40 mL) in the presence of UMCM-150 (5 mg) at different time intervals.

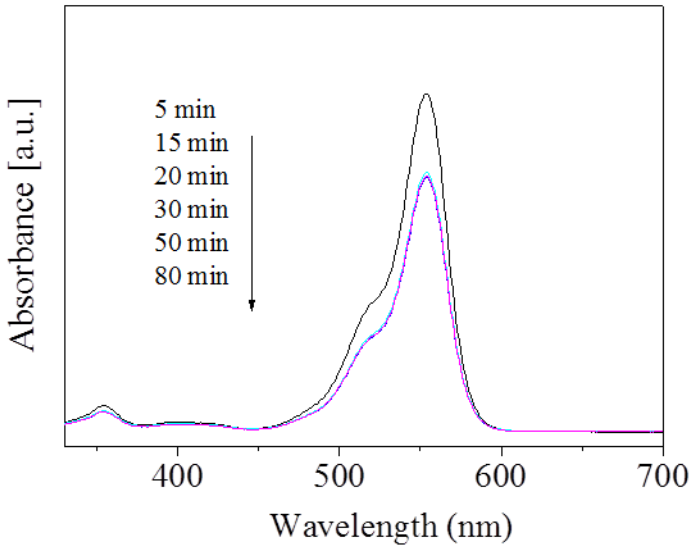

Fig. S5 UV-vis spectra of a solution of Rhodamine B (20 mg L^{-1}, 40 mL) in the presence of UMCM-150 (5 mg) at different time intervals.

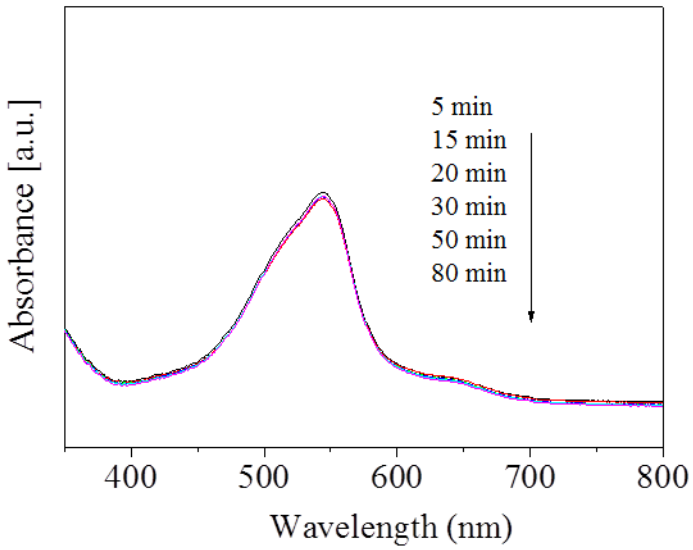

Fig. S6 UV-vis spectra of a solution of acid chrome blue K (20 mg L^{-1}, 40 mL) in the presence of UMCM-150 (5 mg) at different time intervals.

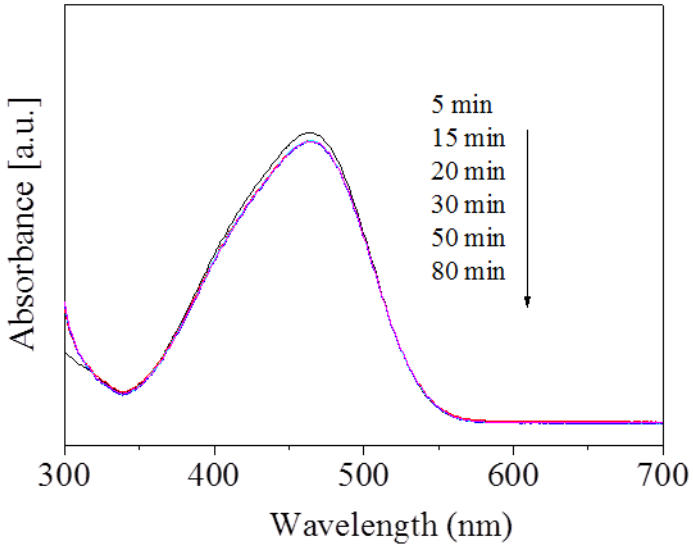

Fig. S7 UV-vis spectra of a solution of methyl orange (20 mg L^{-1}, 40 mL) in the presence of UMCM-150 (5 mg) at different time intervals.