Electronic Supplementary Material (ESI) for RSC Advances.


# Enhanced visible light photocatalytic degradation of Rhodamine B by Bi/$Bi_2MoO_6$ hollow microsphere composites

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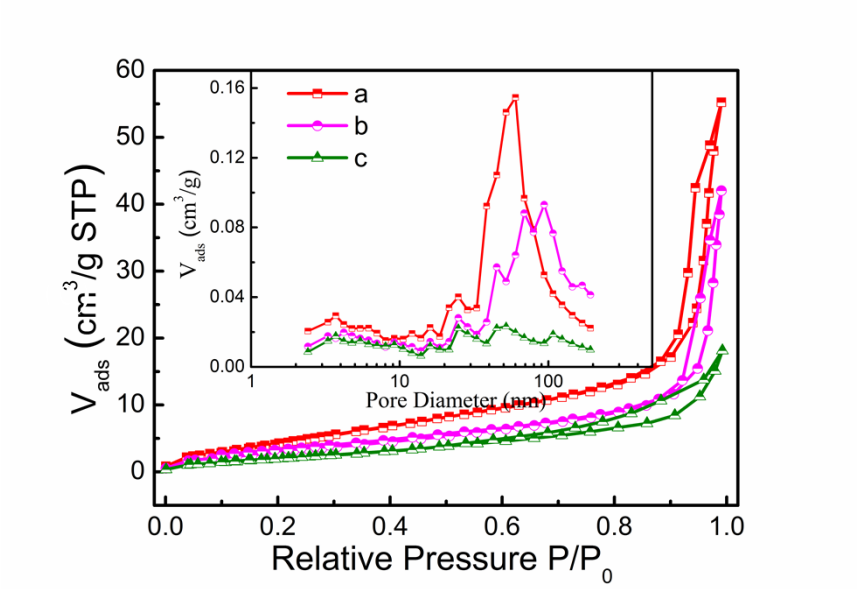


**Fig. S1** Nitrogen adsorption-desorption isotherms and corresponding pore size distribution curves (inset) of (a)BMO-1, (b)BMO-3 and (c)BMO-4.

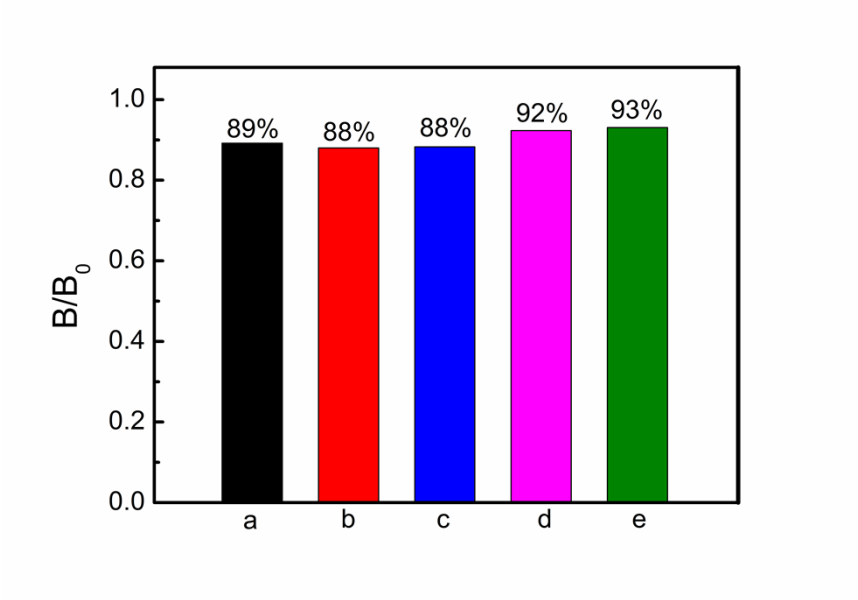


**Fig. S2** Bar plot showing the remaining RhB in the solution after reaching the adsorption equilibrium in the dark by using (a) $Bi_2MoO_6$, (b) BMO-1, (c) BMO-2, (d) BMO-3 and (e) BMO-4 in 30 min.

Fig. S2 shows the result of RhB adsorption experiments. The normalized temporal concentration changes ($B/B_0$) of RhB during the adsorption process are proportional to the normalized maximum absorbance ($A/A_0$), which can be derived from the change in the RhB absorption profile during the adsorption process.