Electronic Supplementary Information

Metal-organic frameworks MIL-88A hexagonal microrods as a new photocatalyst for efficient decolorization of methylene blue dye

Wen-Tao Xu,[a] Lin Ma,[a] Fei Ke,[b] Fu-Min Peng,[a] Geng-Sheng Xu,[a] Yu-Hua Shen,[a] Jun-Fa Zhu,[b] Ling-Guang Qiu,[a] Yu-Peng Yuan*[a]

[a] *Laboratory of Advanced Porous Materials and School of Chemistry and Chemical Engineering, Anhui University, Hefei 230039, China. Fax: +86 551 65108212; Tel: +86 551 65108212; E-mail: yupengyuan@ahu.edu.cn*

b National Synchrocyclotron Radiation Laboratory, University of Science and Technology of China, Hefei 230029, China

* Corresponding author:

Tel: +86-551-63873365

E-mail:yupengyuan@ahu.edu.cn (Yupeng Yuan)

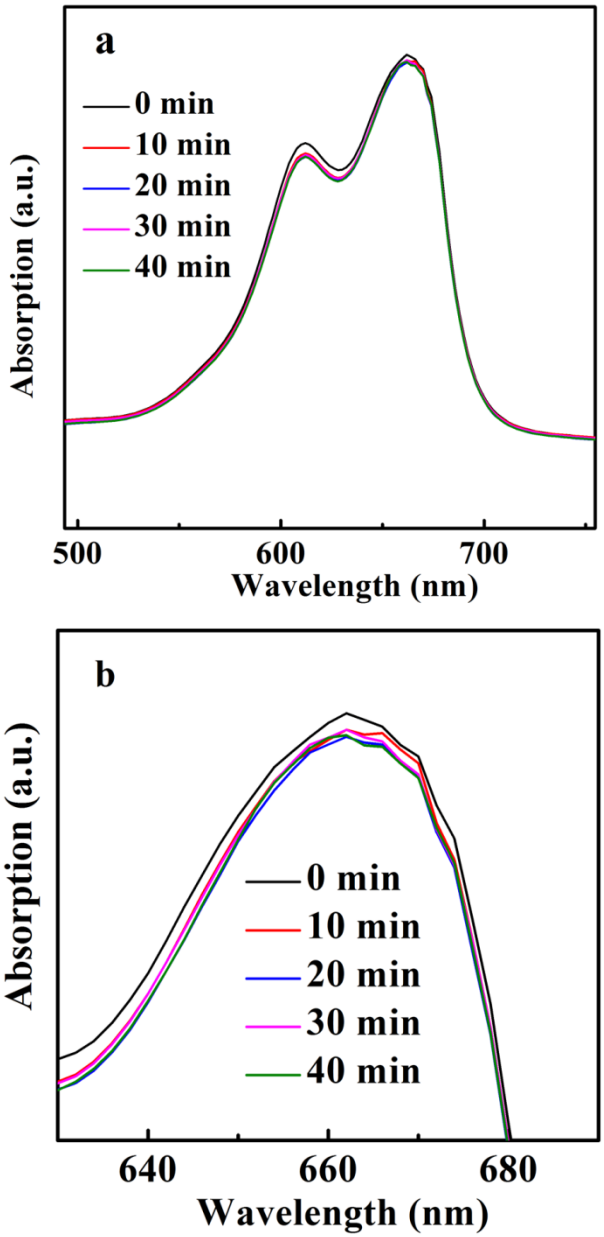

Fig. S1 (a) The MB dye adsorption over MIL-88A photocatalyst for various time. (b) The magnified image of (a).

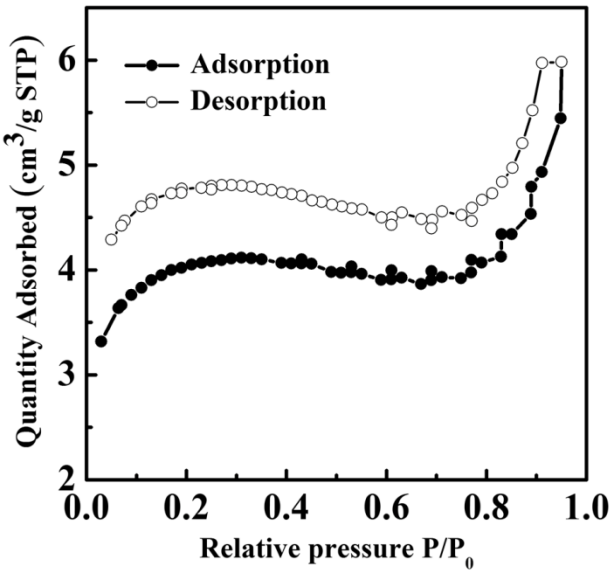

Fig. S2 N_2 adsorption and desorption isotherms for MIL-88A.

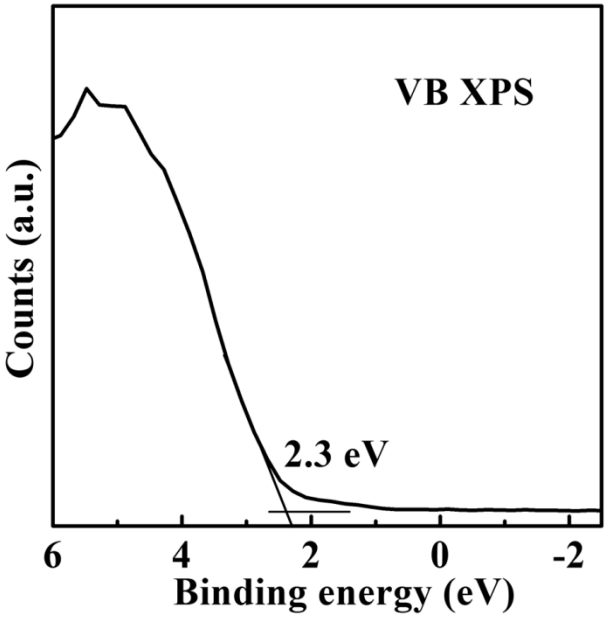

Fig. S3 Valence band XPS result of MIL-88A.

Electronic Supplementary Material (ESI) for Dalton Transactions