

## Supporting Information

### **Fabrication of novel InVO<sub>4</sub>/CdS heterojunctions with efficiently enhanced visible-light photocatalytic activity**

Yadong Meng<sup>a</sup>, Yuanzhi Hong<sup>b</sup>, Changyou Huang<sup>a</sup> and Weidong Shi<sup>\*a</sup>

<sup>a</sup>School of Chemistry and Chemical Engineering, Jiangsu University, Zhenjiang, 212013, P. R. China

<sup>b</sup>School of Materials Science and Engineering, Jiangsu University, Zhenjiang, 212013, P. R. China

*\*Corresponding author: Tel.: +86 511 8879 0187*

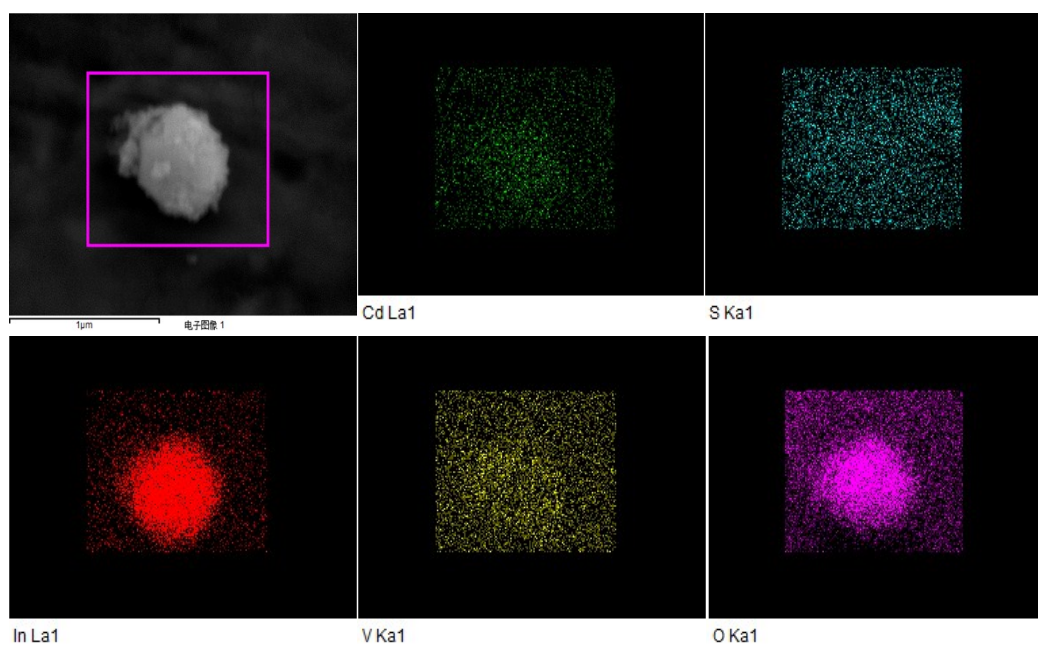
*Fax: +86 511 8879*

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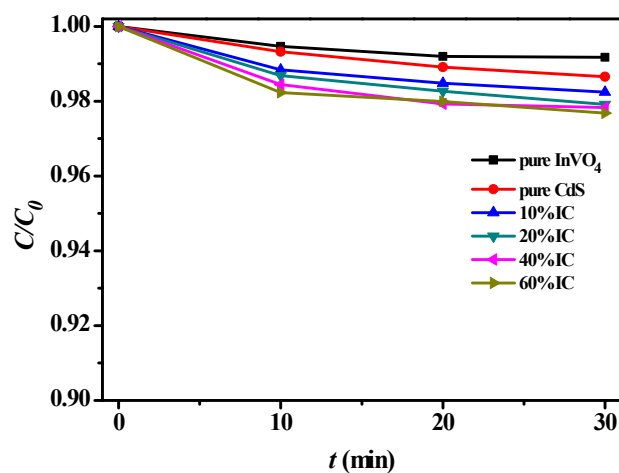
*E-mail: swd1978@ujs.edu.cn*

Element	Samples			
	10% IC	20% IC	40% IC	60% IC
O K	6.05	11.26	16.39	18.55
S K	18.53	16.18	15.77	13.97
V K	1.20	2.76	3.18	4.73
Cd L	71.56	64.47	53.96	47.33
In L	2.66	5.33	10.70	15.42
Total	100	100	100	100

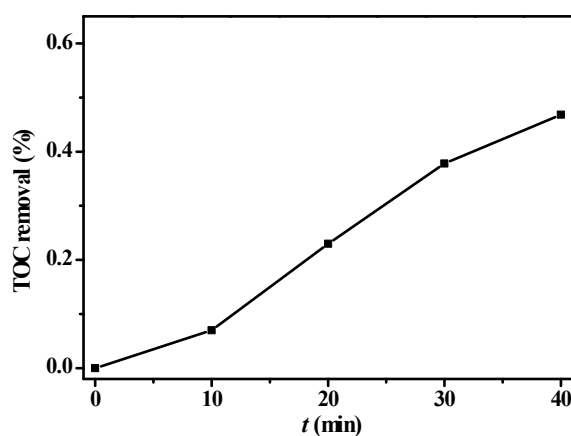
**Table. S1** EDX element analysis over all InVO<sub>4</sub>/CdS composites.



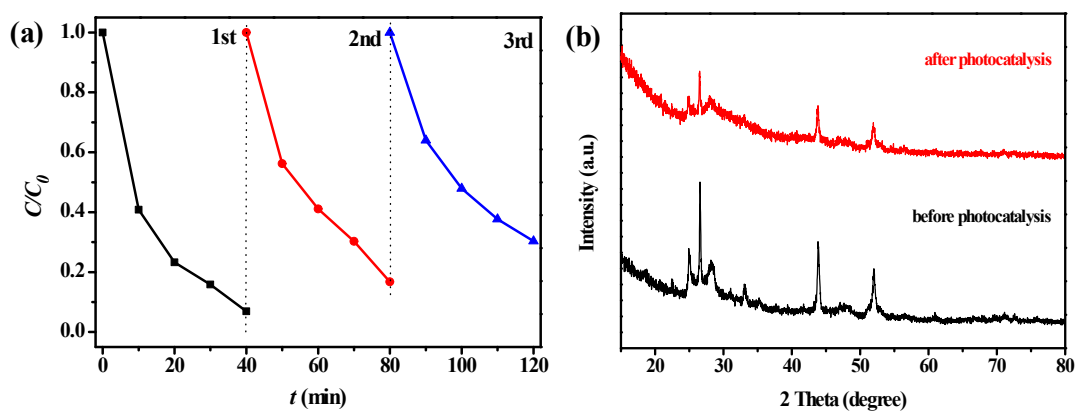
**Fig. S1** EDS mapping of as-prepared 40% IC sample.



**Fig. S2** The adsorption/desorption equilibrium of as-prepared samples.



**Fig. S3** TOC removal curves over 40% IC sample under visible light.



**Fig. S4** (a) The three cycles photocatalytic degradation of RhB over 40% IC sample under visible light irradiation; (b) XRD patterns of 40% IC sample before and after 3 times run cycle photocatalytic tests.