

Supplementary Materials

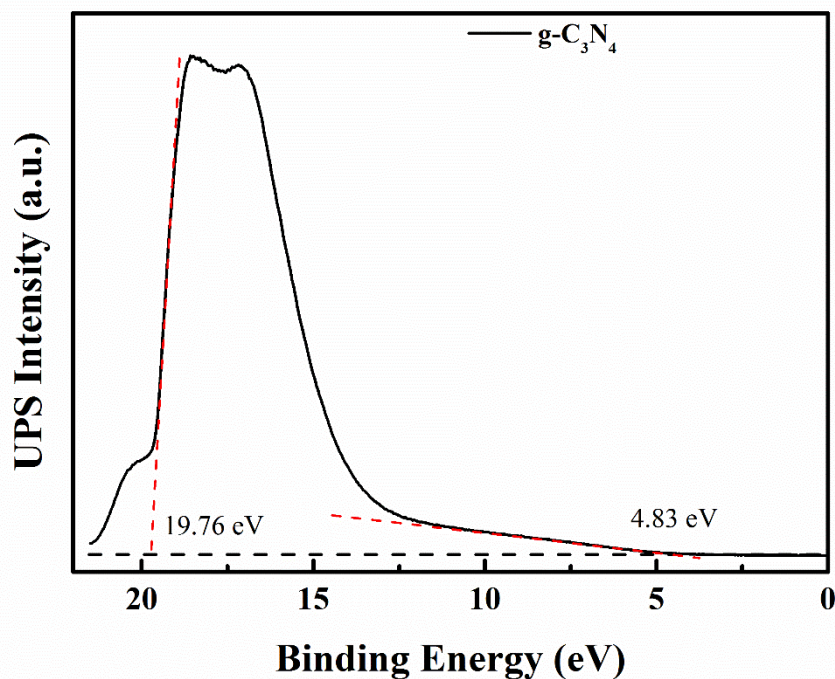
Preparation of a g-C₃N₄/UiO-66-NH₂/CdS Photocatalyst with Enhanced Visible Light Photocatalytic Activity for Tetracycline Degradation

Hao Zhang ^{1,2}, Jialiang Li ^{1,*}, Xianglei He ¹ and Bo Liu ^{2,*}

¹ School of Chemistry and Chemical Engineering, Shandong University of Technology, Zibo 255000, China; haozhangy@163.com (H.Z.); xianglei_he@163.com (X.H.)

² Laboratory of Functional Molecules and Materials, School of Physics and Optoelectronic Engineering, Shandong University of Technology, Zibo 255000, China

* Correspondence: lijialiang@sdut.edu.cn (J.L.); liub@sdut.edu.cn (B.L.)



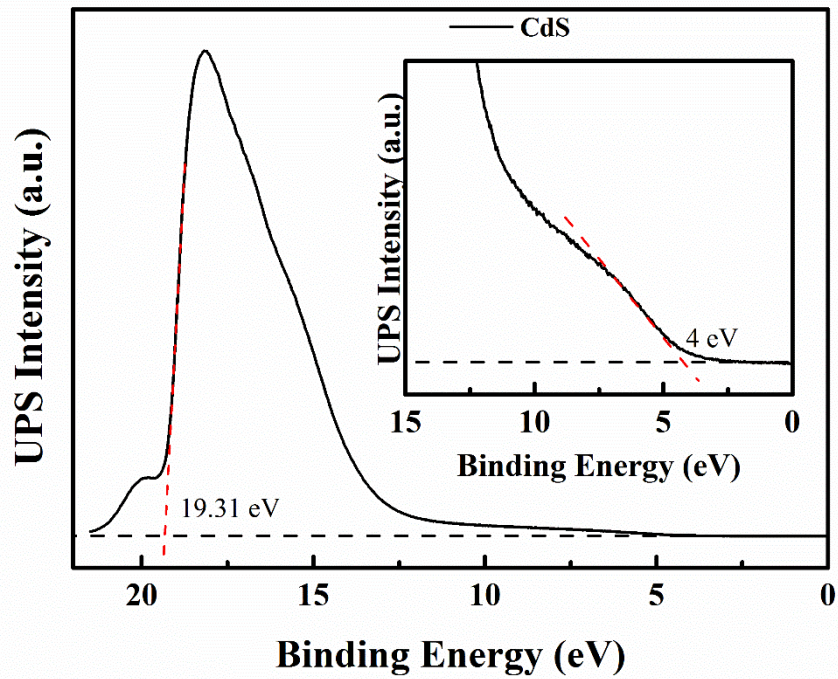
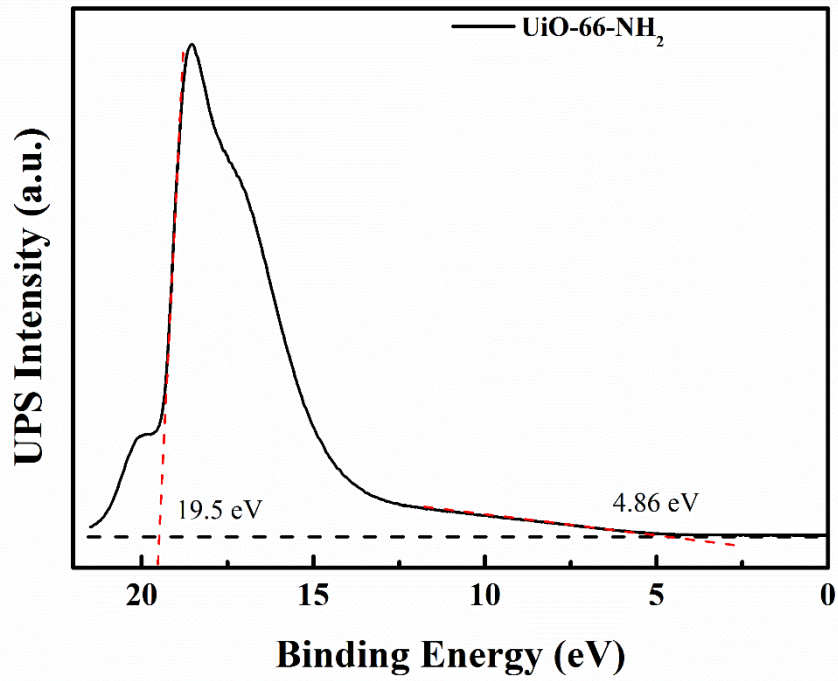


Figure S1. UPS spectra of g-C₃N₄, UiO-66-NH₂ and CdS

Table 1. Band structure of g-C₃N₄, UiO-66-NH₂ and CdS.

Sample	E _g (eV)	HBE	LBE	hν	E _e	E _{VB}	E _{CB}
g-C ₃ N ₄	2.91	19.76	4.83	21.22	4.44	1.85	-1.06
UiO-66-NH ₂	2.76	19.5	4.86	21.22	4.44	2.14	-0.62
CdS	2.27	19.31	4	21.22	4.44	1.47	-0.8