

# **Internal electric field promoted charge separation via bismuth-based ternary heterojunctions with near-infrared light harvesting properties for efficient photoredox reactions**

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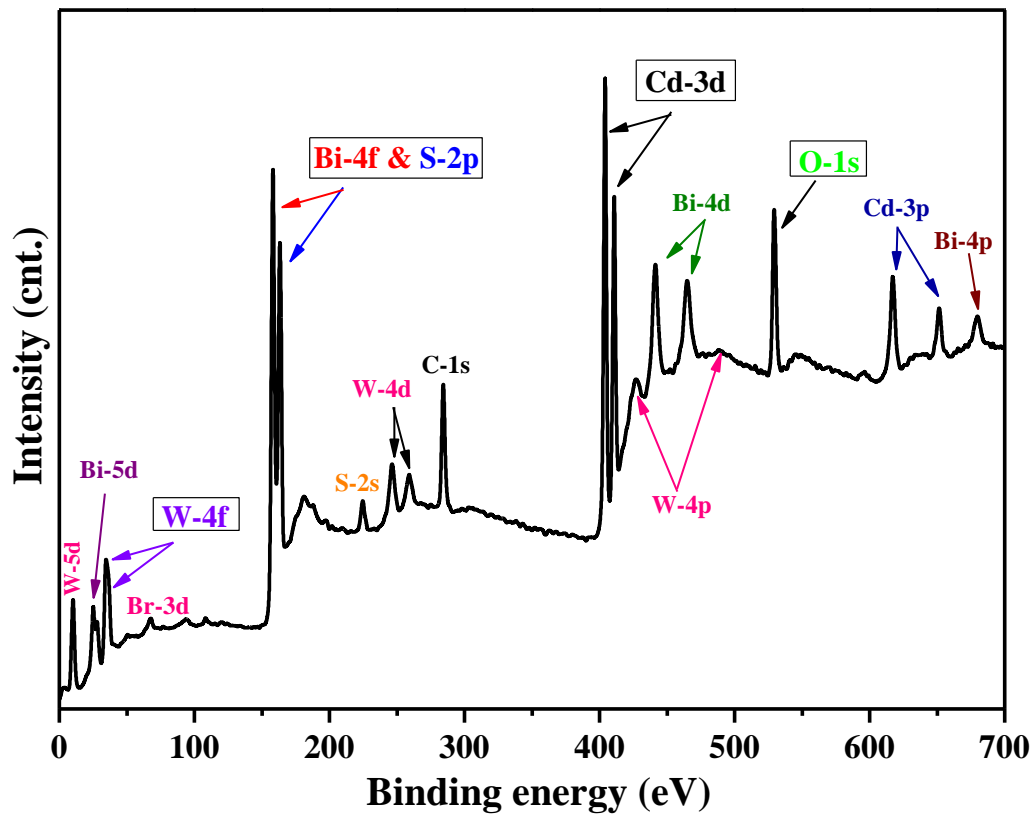


Fig. S1. XPS surface survey scan spectrum of CBWO-1 composite sample

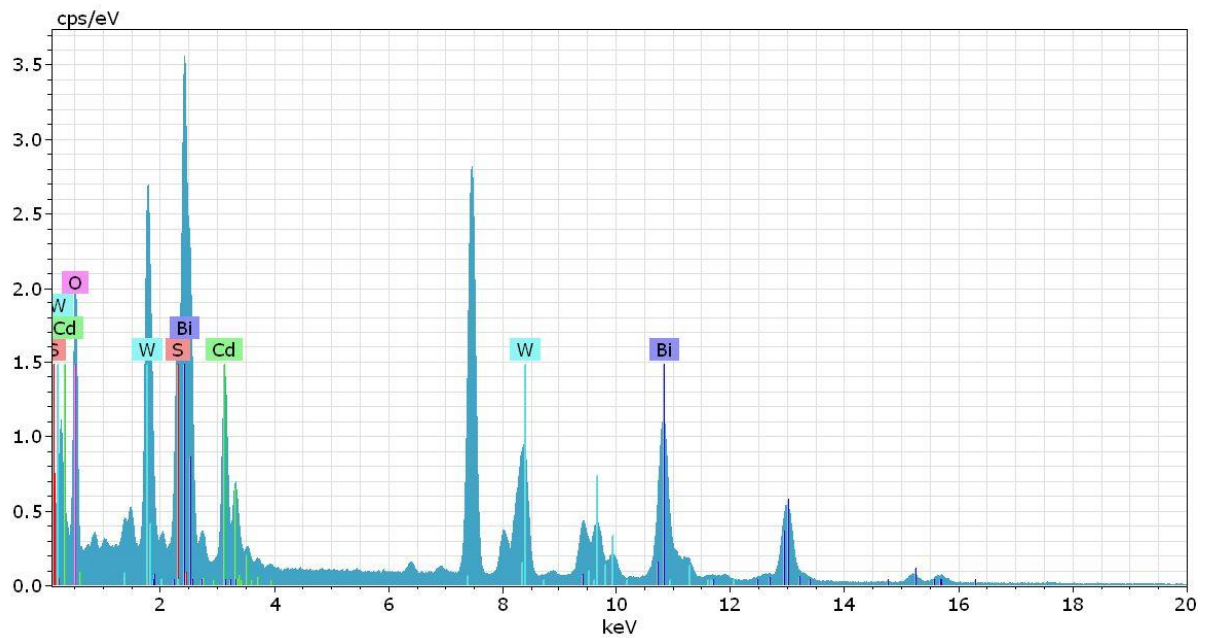


Fig. S2. STEM energy dispersive spectrum of CBWO-1 composite sample.

Table S1: STEM-EDX elemental analysis of CBWO-1 photocatalyst sample

Element	series	[norm. wt.%]	[norm. at.%]
Sulfur	K-series	4.80093754	17.80715547
Cadmium	L-series	15.15374041	16.03349358
Bismuth	L-series	45.9622349	26.15826014
Tungsten	L-series	31.43795972	20.33780107
Oxygen	K-series	2.645127426	19.66328975
		100	100

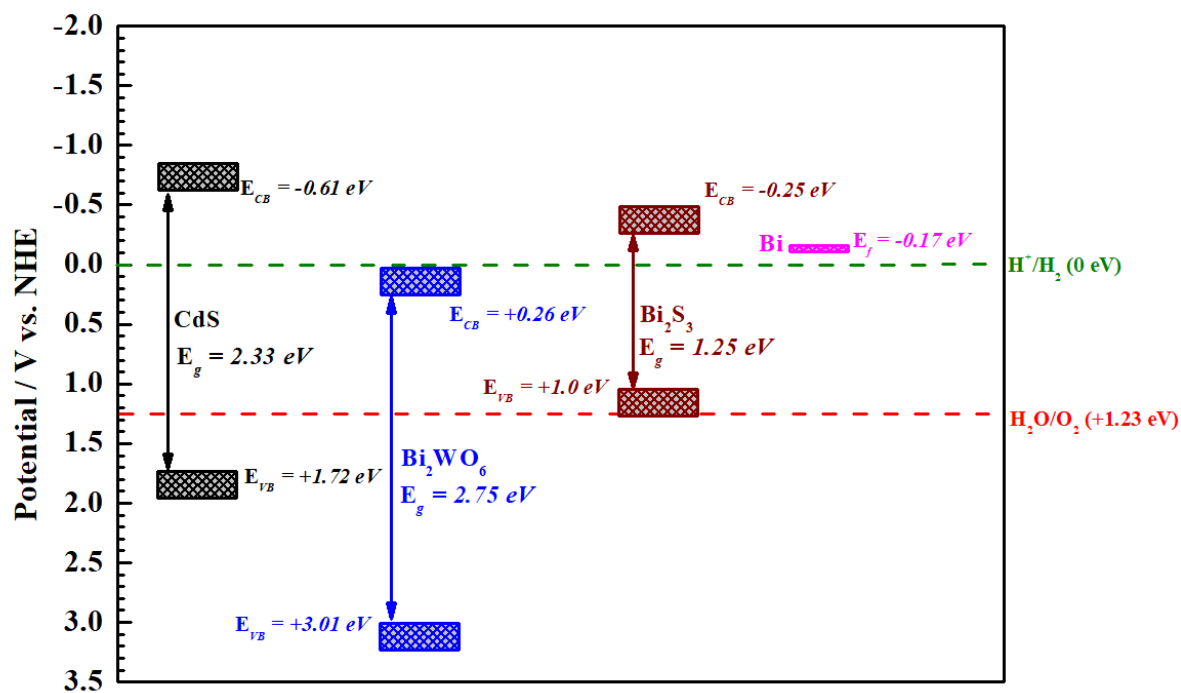


Fig. S3. The relative arrangement of band positions of the studied photocatalyst components.