

Table S1 The degradation efficiency, k and R² of the WO₃ films

Sample	Organic Pollutant	Degradation Efficiency	k	R ²
m-WO ₃ nanoplate	methylene blue (MB)	52.2%	$5.83 \times 10^{-3} \text{ min}^{-1}$	0.99
m-WO ₃ nanosheet	methylene blue (MB)	61.7%	$7.63 \times 10^{-3} \text{ min}^{-1}$	0.99
h-WO ₃ nanosphere	methylene blue (MB)	83.2%	$13.67 \times 10^{-3} \text{ min}^{-1}$	0.98
h-WO ₃ nanocage	methylene blue (MB)	72.4%	$10.03 \times 10^{-3} \text{ min}^{-1}$	0.99
m-WO ₃ nanoplate	rhodamine B (RhB)	56.8%	$6.38 \times 10^{-3} \text{ min}^{-1}$	0.99
m-WO ₃ nanosheet	rhodamine B (RhB)	70.2%	$9.87 \times 10^{-3} \text{ min}^{-1}$	0.99
h-WO ₃ nanosphere	rhodamine B (RhB)	87.9%	$16.45 \times 10^{-3} \text{ min}^{-1}$	0.98
h-WO ₃ nanocage	rhodamine B (RhB)	80.3%	$12.58 \times 10^{-3} \text{ min}^{-1}$	0.98

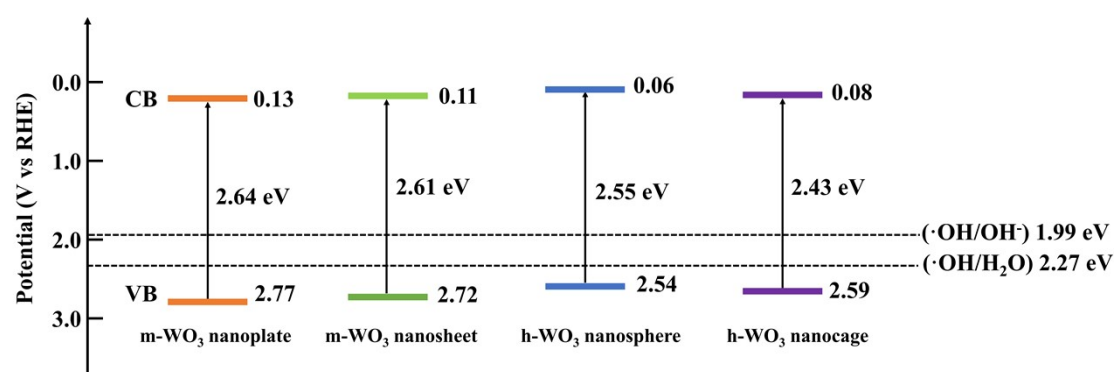


Fig. S1 The band structures of the WO₃ films.