

Supporting Information

**Photoelectrochemical detection of copper ions based on a covalent
organic framework with tunable properties**

Jing Li,[‡] Lu Hou,[‡] Yue Jiang, Mei-Jie Wei, Cheng-Shuang Wang, Heng-Ye Li, Fen-Ying Kong, Wei Wang**

*School of Chemistry and Chemical Engineering, Yancheng Institute of Technology, Yancheng 224051,
China.*

‡These authors contribute equally

**Corresponding author, email: kongfy@ycit.cn, wangw@ycit.cn*

Supporting Figures

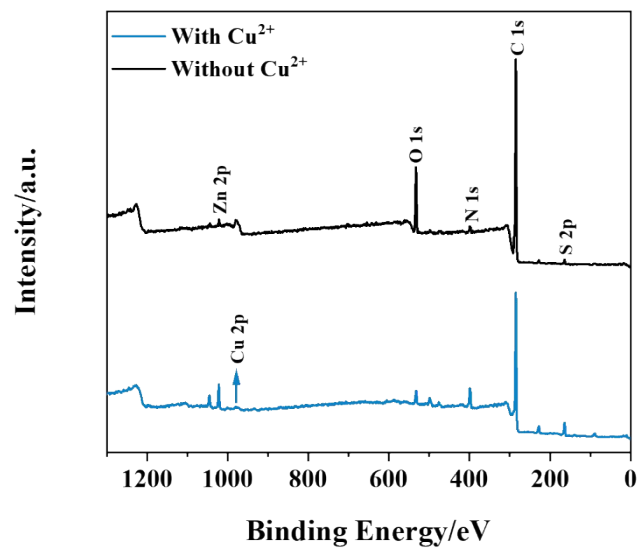


Fig S1. XPS survey spectrum of TT-COF(Zn) and after Cu²⁺ treatment.

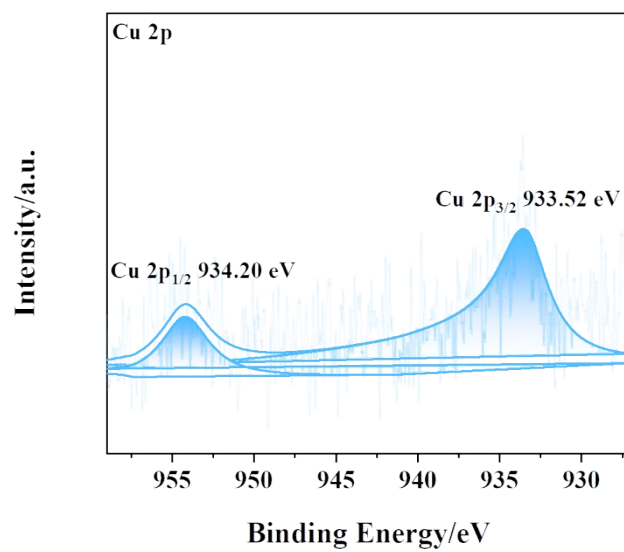


Fig S2. High-resolution XPS spectra of Cu 2p in TT-COF(Zn) of Cu²⁺ treatment.