

Supporting Information

Efficient Degradation of Congo Red in Water by UV-vis Driven CoMoO₄/PDS Photo-Fenton System

Huimin Zhou ¹, Yang Qiu ¹, Chuanxi Yang ^{2,*}, Jinqiu Zang ², Zihan Song ², Tingzheng Yang ², Jinzhi Li³, Yuqi Fan ¹, Feng Dang⁴ and Weiliang Wang ^{2,*}

¹ Institute of Environment and Ecology, Shandong Normal University, Jinan 250358, China

² School of Environmental and Municipal Engineering, Qingdao University of Technology, Qingdao 266525, China

³ Middle School of Gantian, Chenzhou 424400, China; 17674130624@139.com

⁴ Key Laboratory for Liquid-Solid Structural Evolution and Processing of Materials, Shandong University, Jinan 250061, China

* Correspondence: yangchuanxi1989@hotmail.com (C.Y.); sdqcsdnu@163.com (W.W.); Tel.: +86-0532-85071262

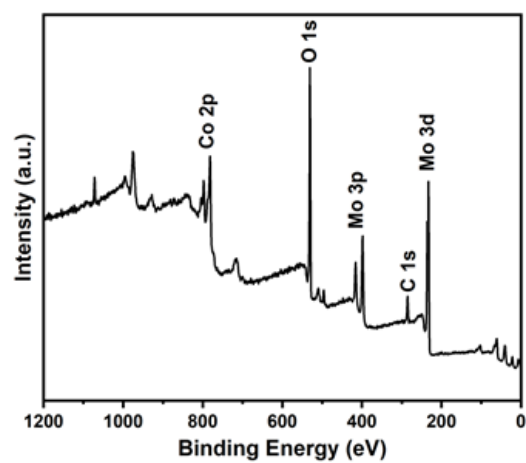


Figure S1. XPS spectra of survey.

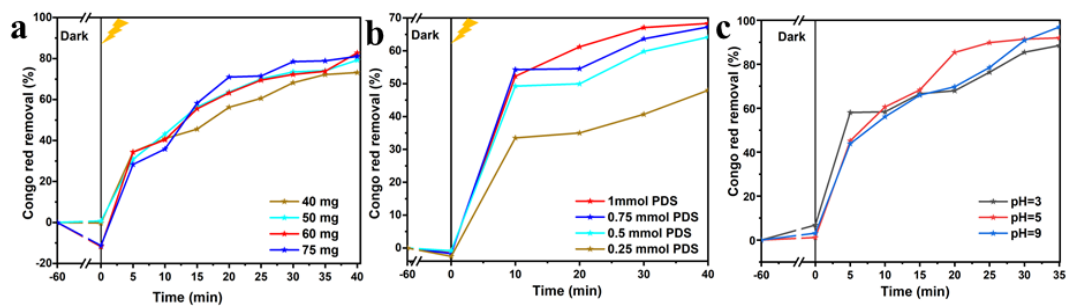


Figure S2. (a)Effect of reused CMO-8 loading; (b) Effect of PMS concentration; (c) Effect of pH

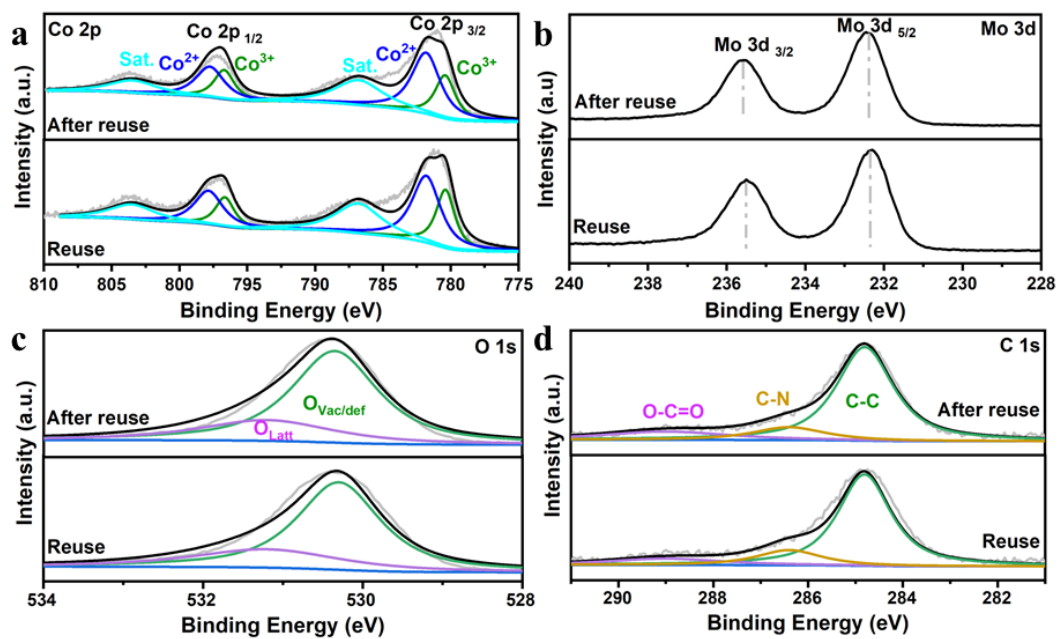


Figure S3. XPS spectra of (a) Co 2p; (b) Mo 3d; (c) O 1s; (d) C 1s of CMO-8 reuse and CMO-8 after reuse.

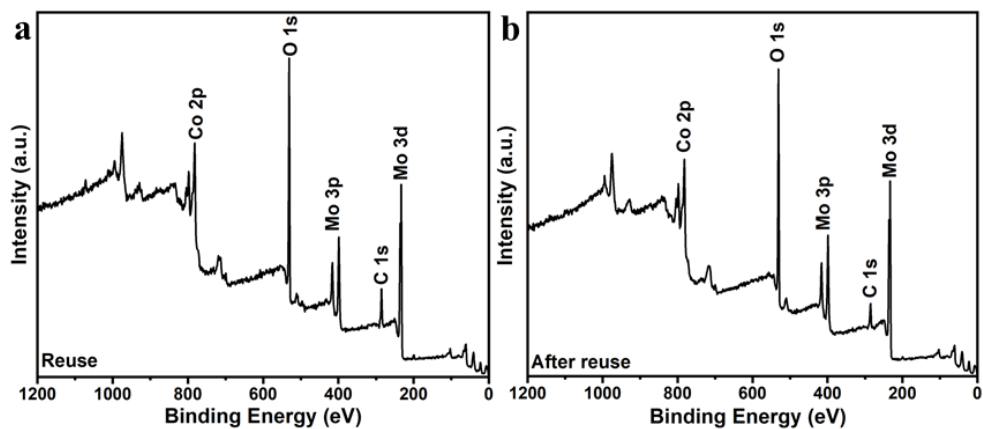


Figure S4. XPS spectra of survey of CMO-8 reuse and CMO-8 after reuse.