

## Supporting Information

### **Polyoxometalates@MIL-88A microrods as an advanced anode for high-performance lithium ion batteries**

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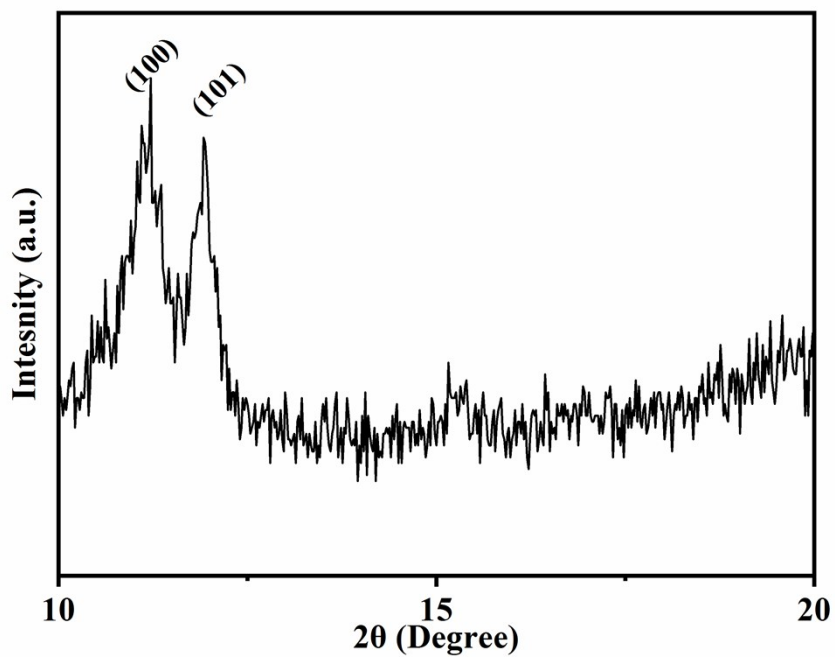


Figure S1. XRD of MIL-88A@PMo<sub>12</sub> at 2θ=10~20°

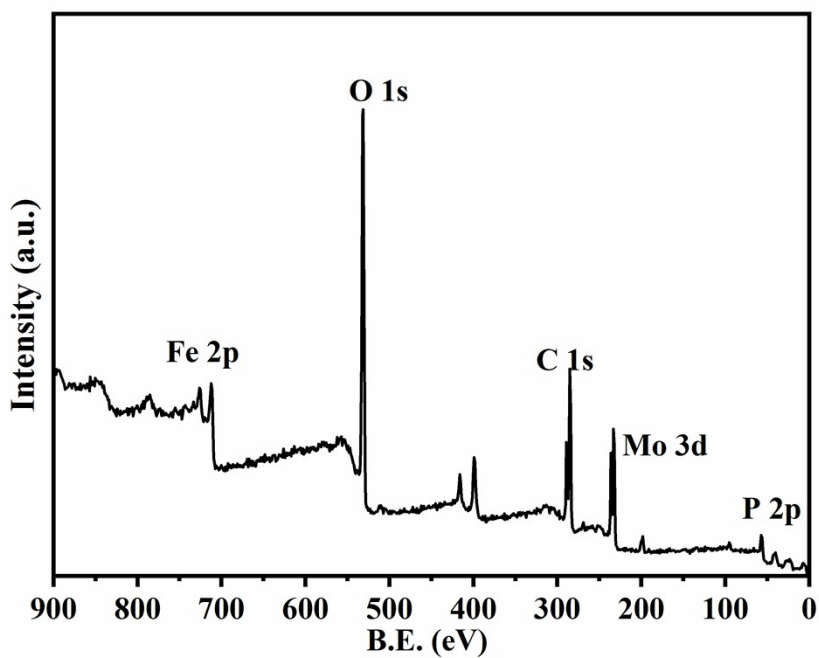


Figure S2. XPS survey spectrum of MIL-88A@PMo<sub>12</sub>.

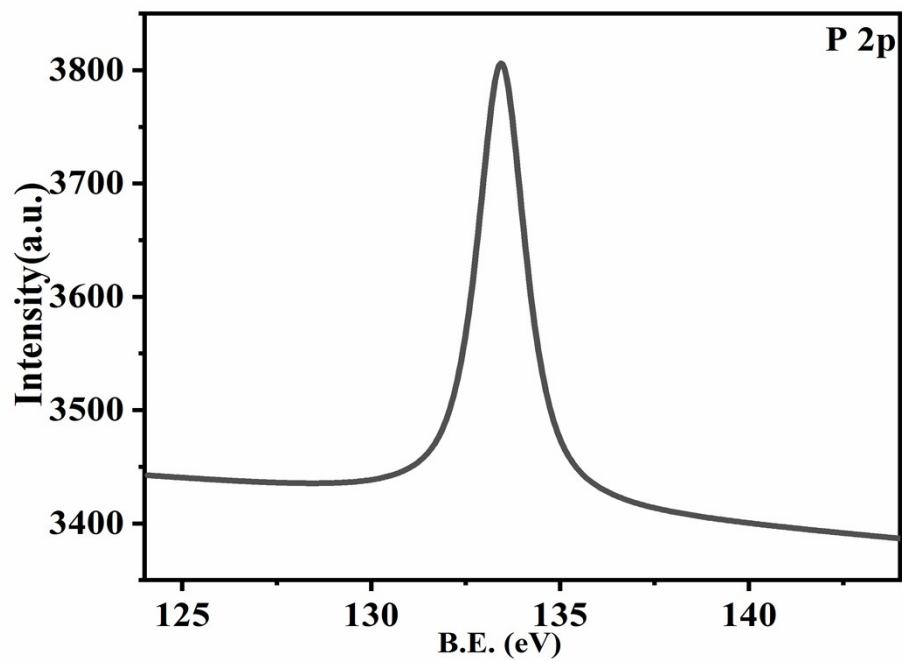


Figure S3. XPS of P2p in MIL-88A@PMo<sub>12</sub>.

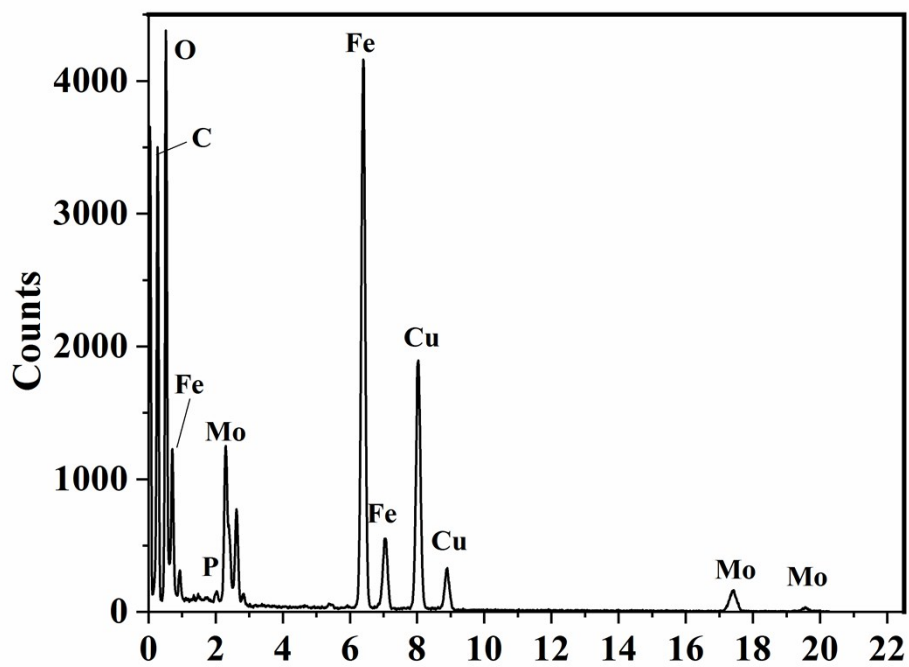


Figure S4. EDS of the MIL-88A@PMo<sub>12</sub>.

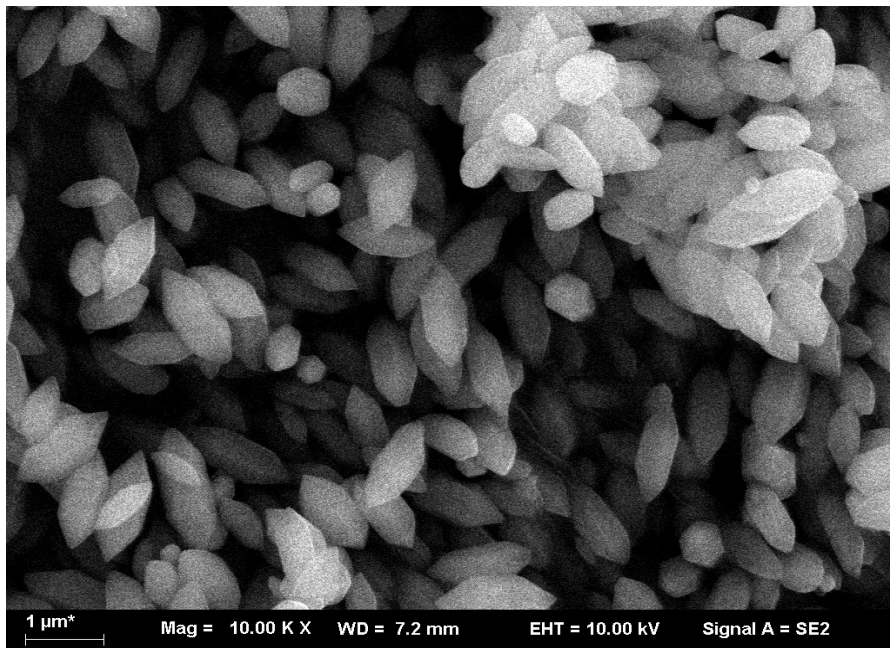


Figure S5. the SEM images of MIL-88A.

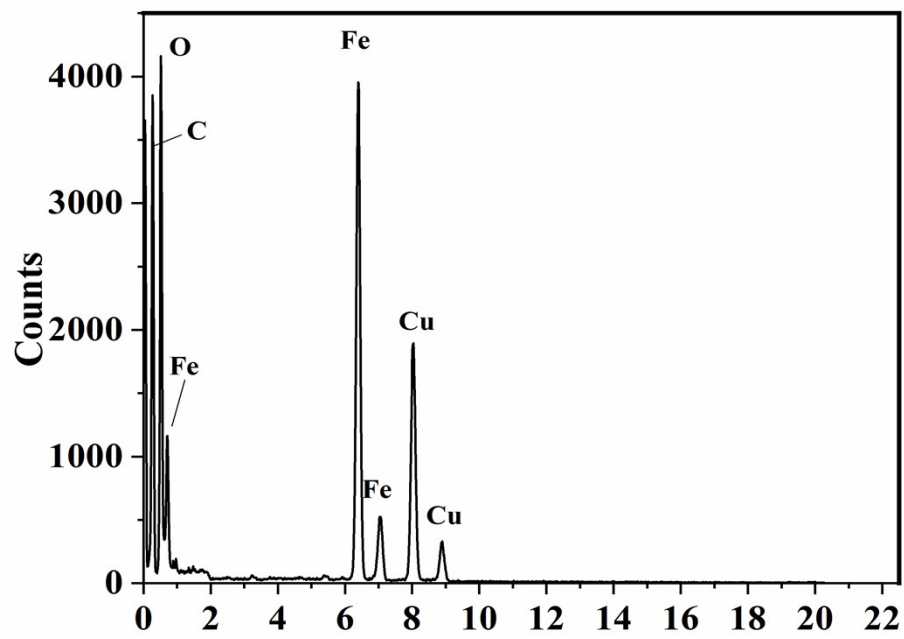


Figure S6. EDS of the MIL-88A.

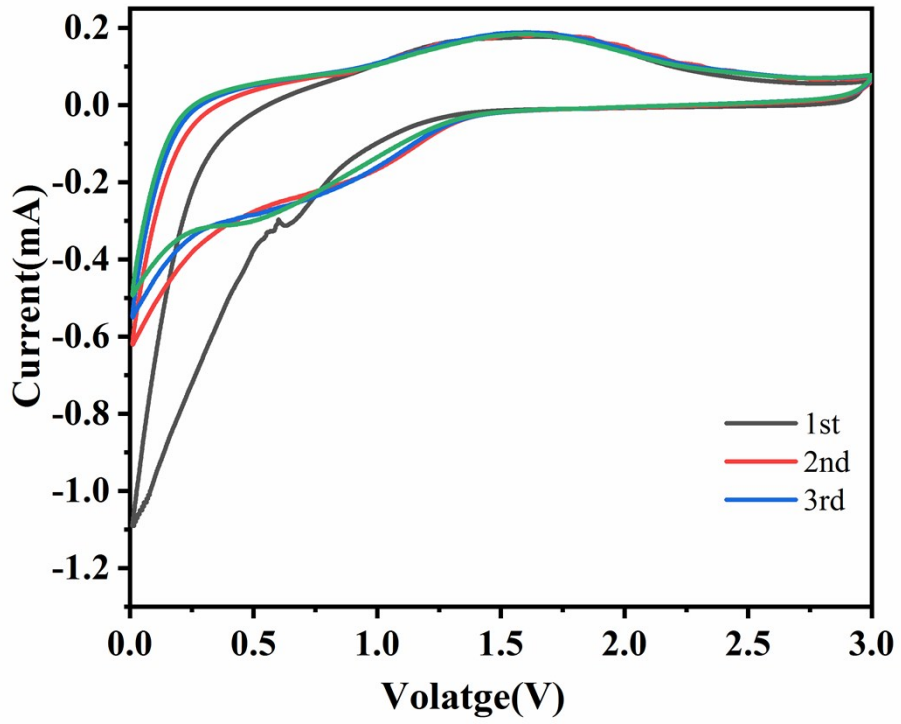


Figure S7. the CV curves of MIL-88A.