Electrochemical detection of tetracycline by zinc oxide modified with molecularly-imprinted polymers

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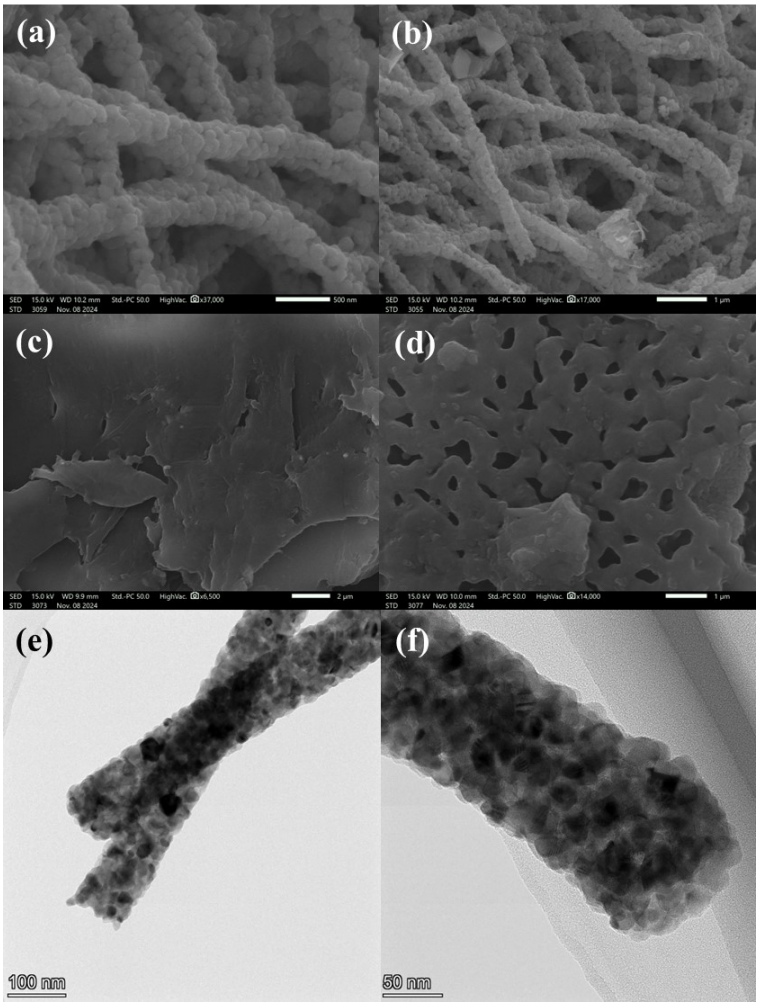

Fig.S1. Characterisation diagram of ZnO nanofibers. SEM images of ZnO nanofibers at 37000x (a); SEM images of ZnO nanofibers at 17000x (b); SEM images of ZnO-TC@MIP before elution (c); SEM images of ZnO-

TC@MIP after elution (d); TEM images of ZnO nanofibers at 100 nm (e); TEM images of ZnO nanofibers at 50 nm (f).

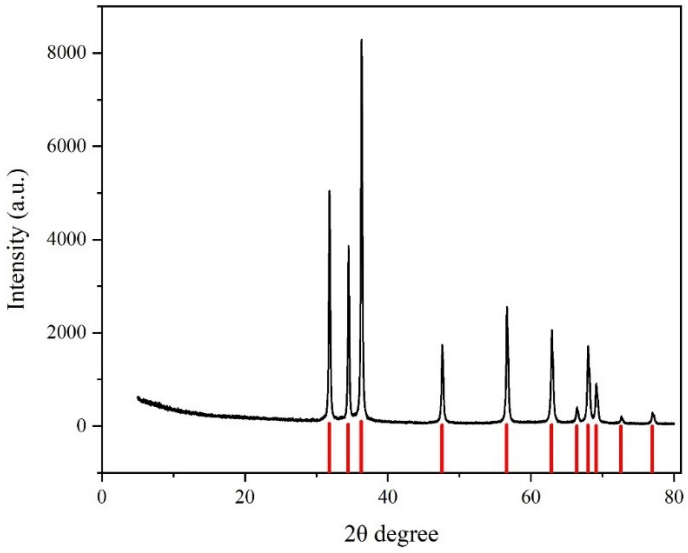

Fig.S2. XRD images of ZnO nanofibers

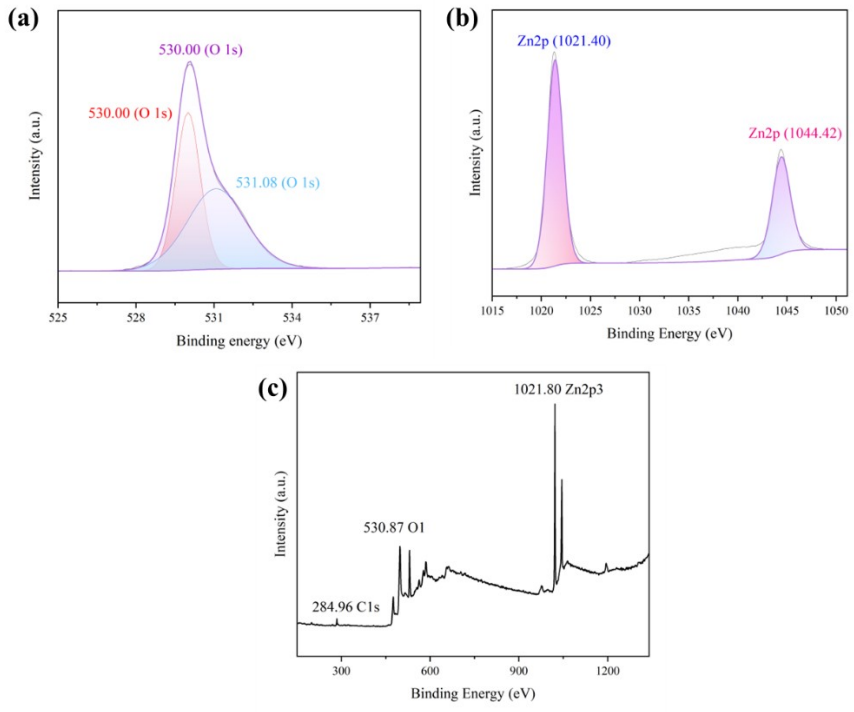

Fig.S3 XPS images; (a)O1s, (b) Zn2p; (c) Survey spectra

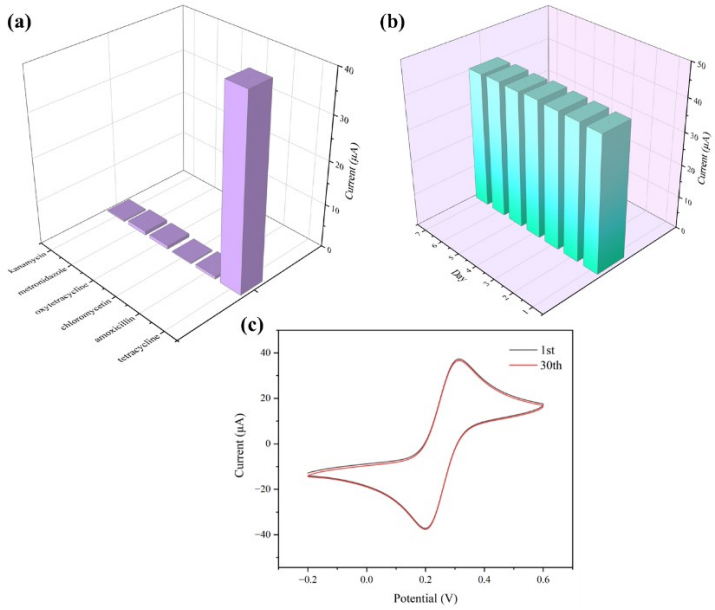

Fig.S4. Selectivity, repeatability, and stability of sensor ZnO@TC MIP.

(a) Selectivity; (b) repeatability; (c) stability