

A new strategy for electrochemical fabrication of manganese dioxide coatings based on silica nanoparticles deposited on titanium fibers for selective and highly efficient solid-phase microextraction

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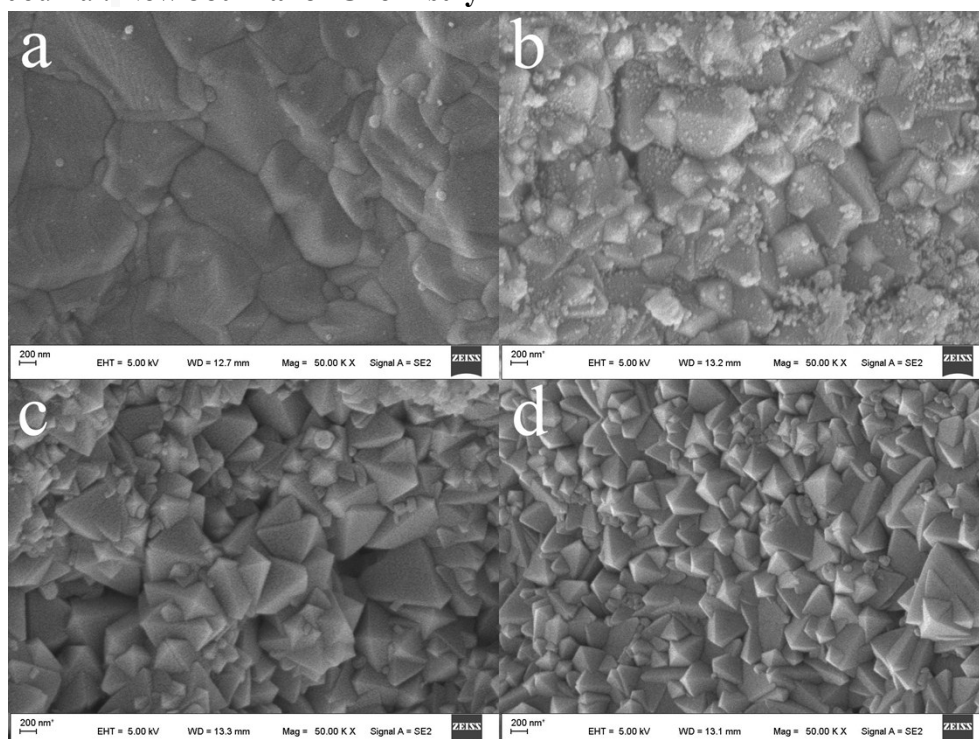


Fig. S1 SEM images of the TiO₂ coatings deposited on the anodized Ti wires at 25 V for 30 min (a), 60 min (b), 90 min (c) and 120 min (d).

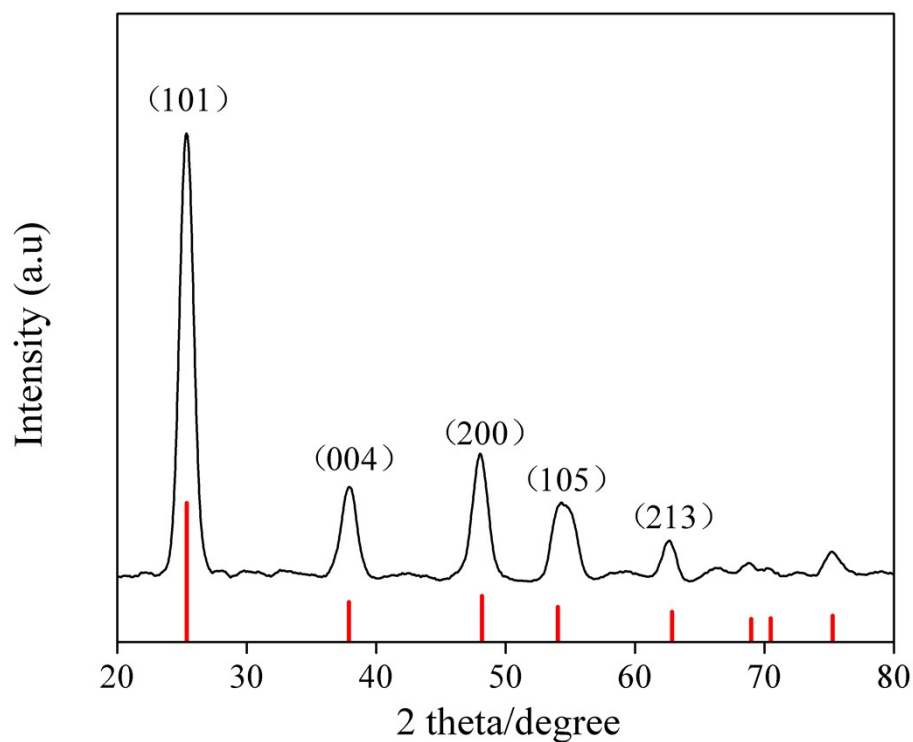


Fig. S2 XRD pattern of the TiO₂ pyramid coating.

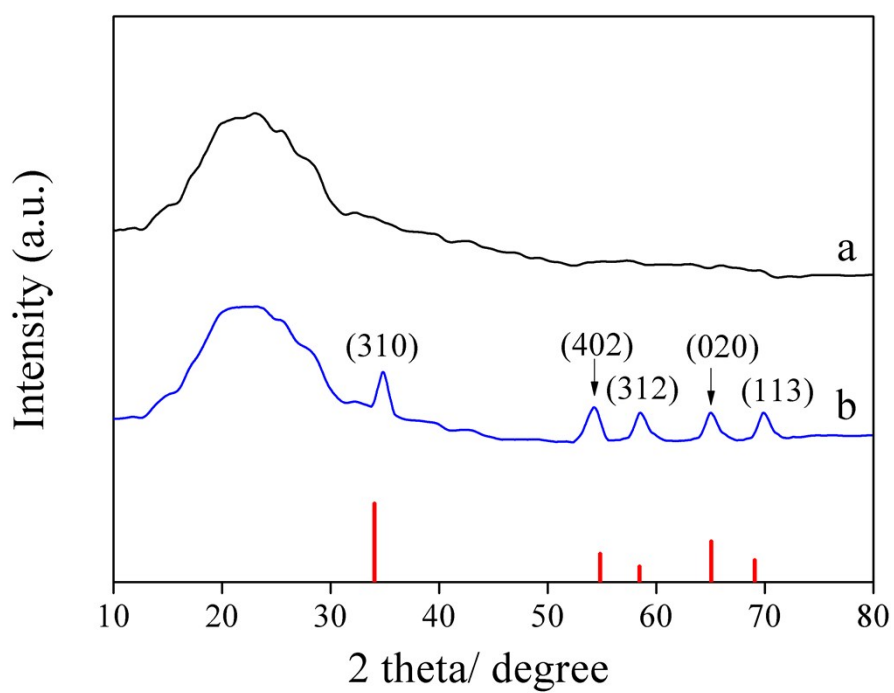


Fig. S3 XRD patterns of the PPy coating (a) and the MnO₂/PPyNPs coating (b).

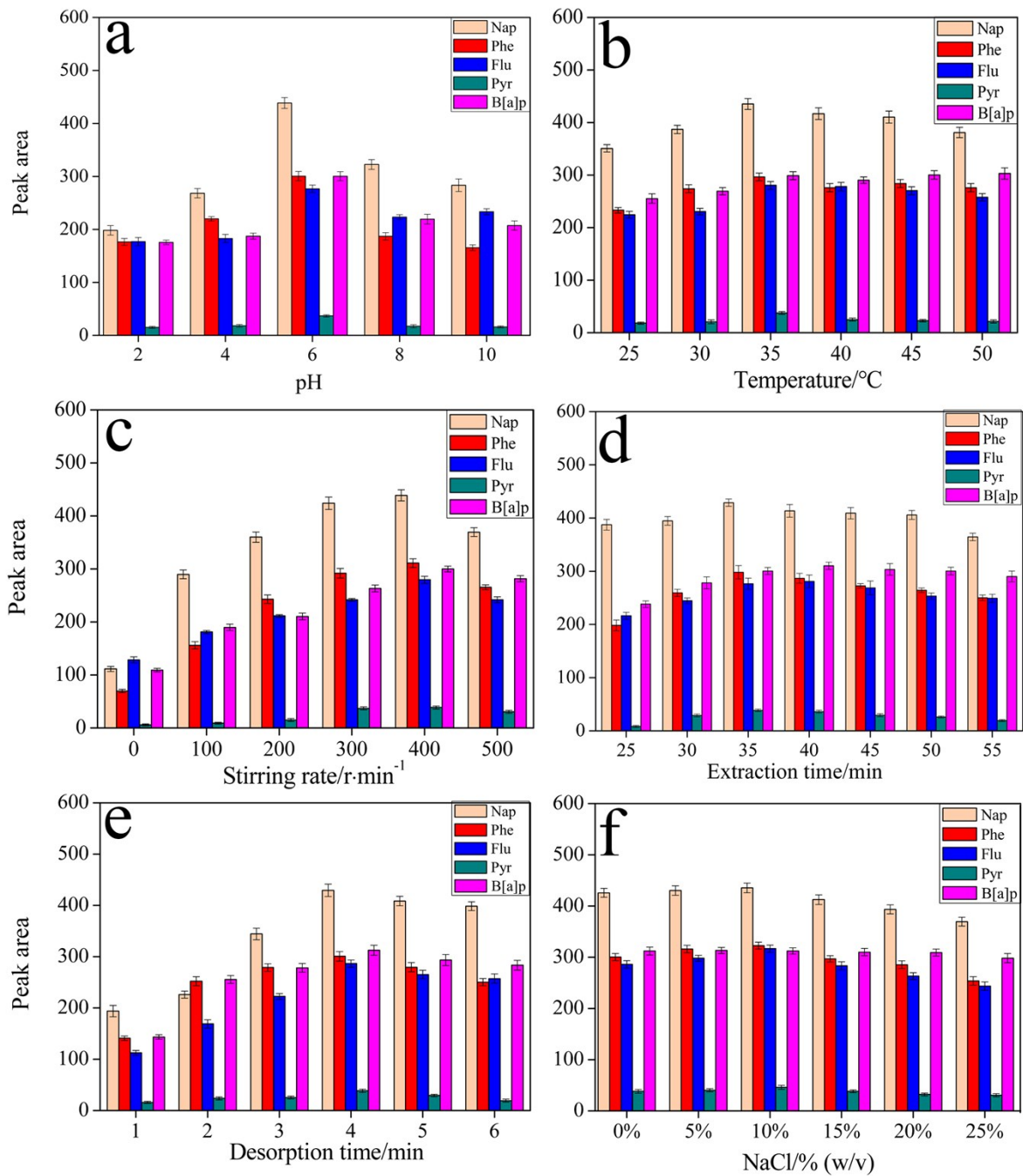


Fig. S4 Dependence of extraction efficiency on pH (a), temperature (b), stirring (c), extraction time (d), desorption time (e) and ionic strength (f).