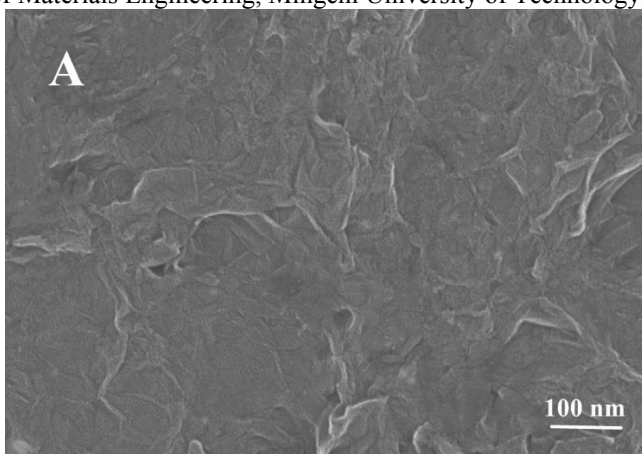


Thiolated Poly(aspartic acid)-Functionalized Two-Dimensional MoS₂, Chitosan and Bismuth Film as Sensor Platform for Cadmium Ions Detection

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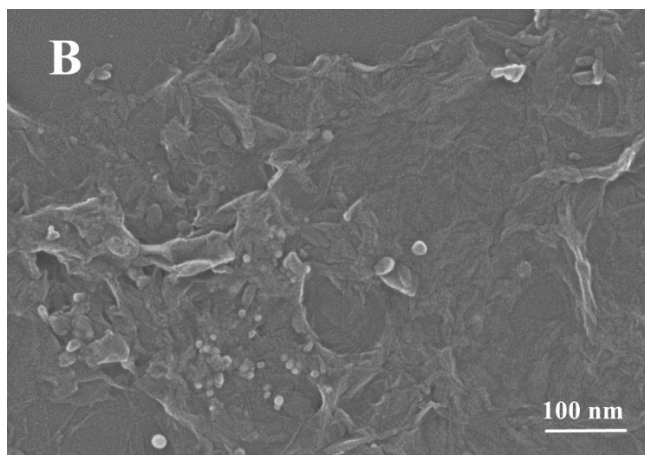


Fig. S1. SEM image of (A) the TPA functionalized MoS₂, and (B) the TPA-MoS₂ with bismuth and cadmium.

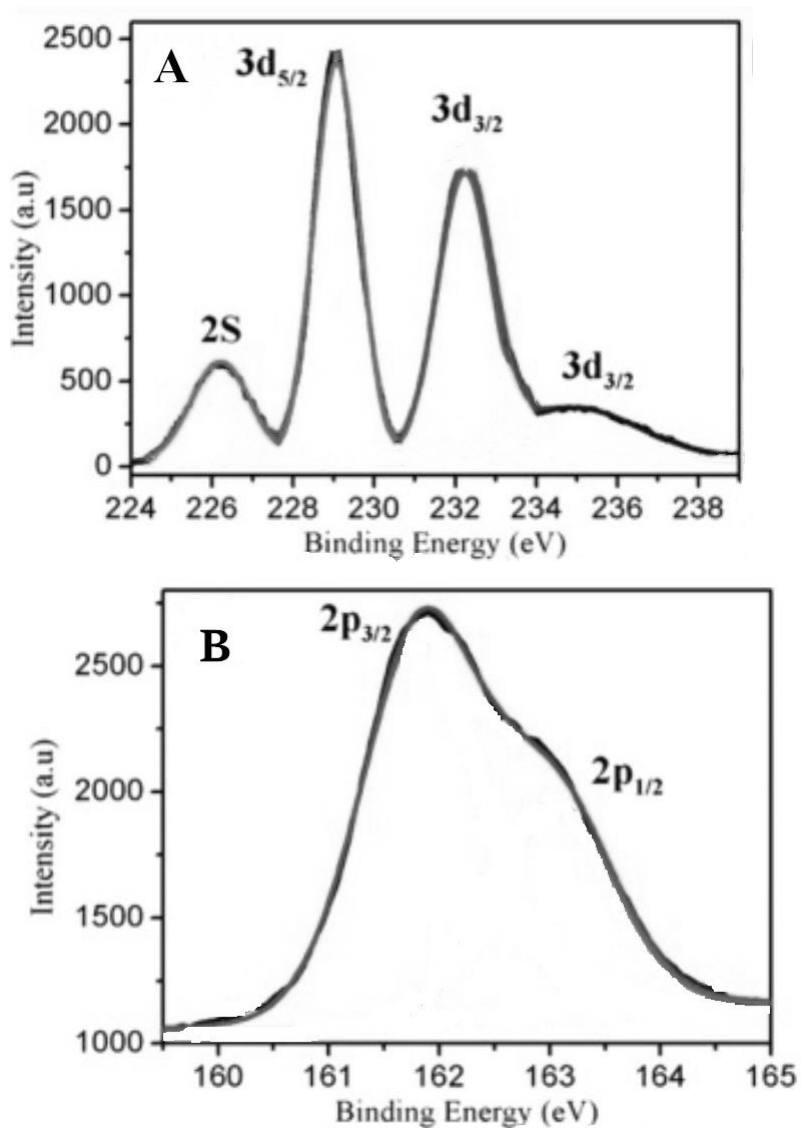


Fig. S2. XPS image of (A) the MoS₂, and (B) the TPA-MoS₂ with bismuth and cadmium.