

## **Supporting information**

### **Enhanced Magnetism and Anomalous Hall Transport through Two-dimensional Tungsten Disulfide Interfaces**

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S1. Wet transfer process

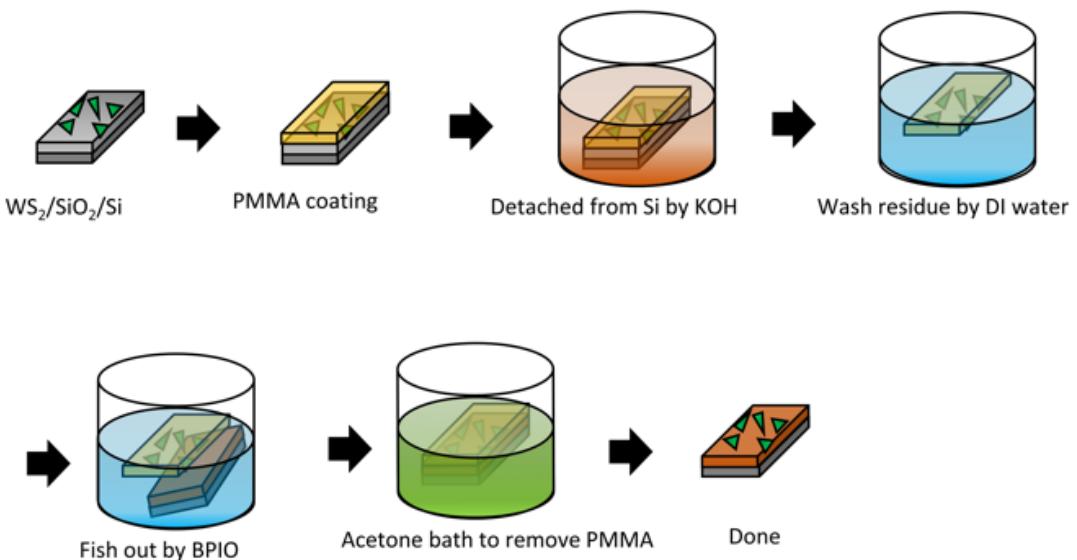


Figure S1. Schematic diagram of the wet transfer process.

S2. Pt/BPIO fitted by electron-electron interaction

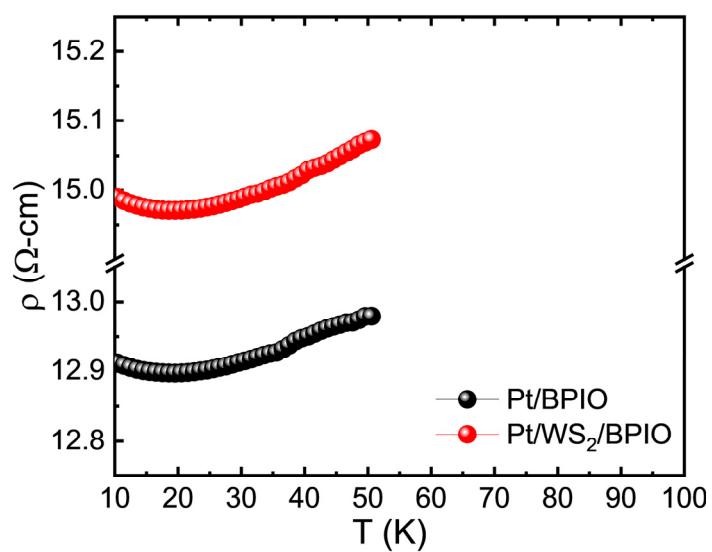
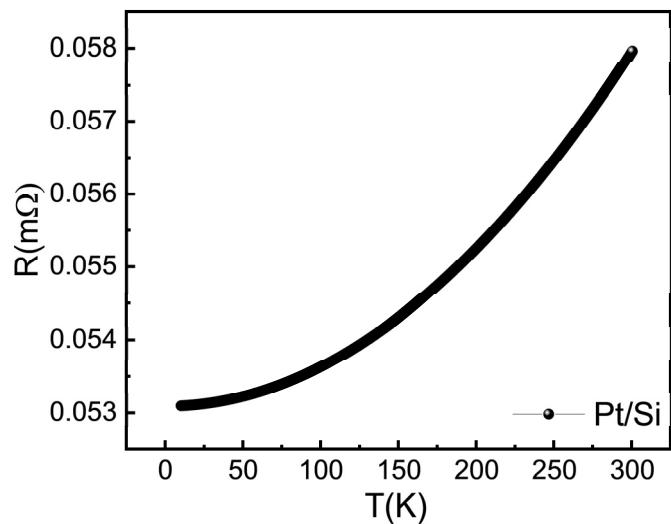


Figure S2. Low temperature resistivity behaviors for Pt/BPIO and Pt/WS<sub>2</sub>/BPIO.

S3. Temperature-dependent resistance measurement of pure Pt



**Figure S3.** Temperature dependence of resistance of pure Pt