Supporting Information

Mechanism for the Variation in the Photoelectric performance of the Photodetector based on the CVD-Grown 2D MoS₂

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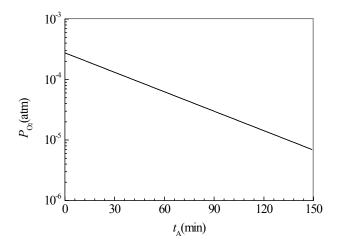


Figure S1. Dependence of the partial pressures of oxygen on the subsequent aeration time since the moment when the inert gas has been injected to 1 atm.

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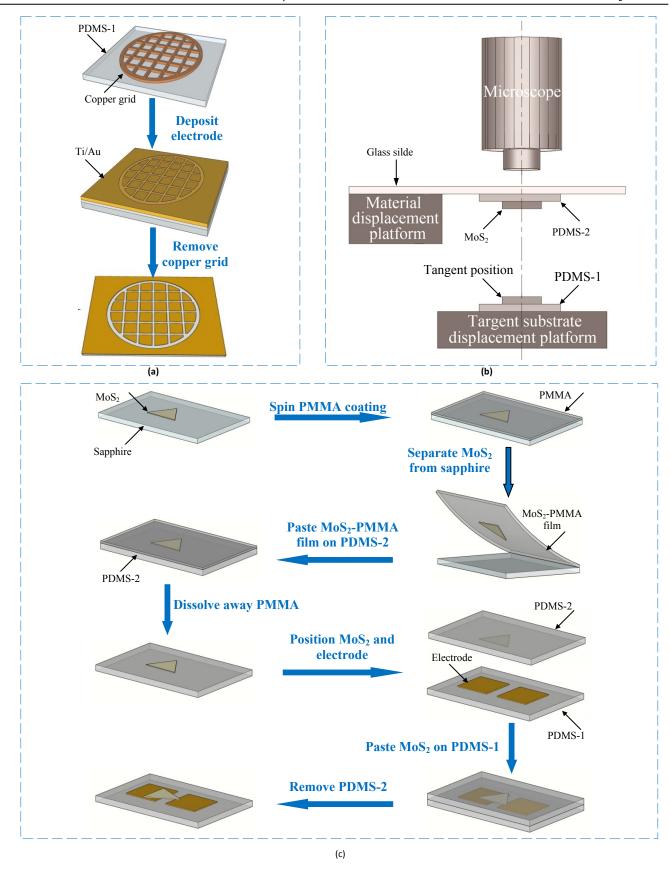


Figure S2. Operating procedures for preparation of metal electrodes on PDMS flexible substrate and transferring MoS₂ onto the flexible substrate under precise position control. a) Preparation of metal electrodes on PDMS flexible substrate. b) Schematic diagram for transfer of MoS₂ onto a flexible substrate under precise position control. c) Transfer of MoS₂ onto the flexible substrate.