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3D graphene foam/ZnO nanorods array mixed-dimensional heterostructure for photoelectrochemical biosensing

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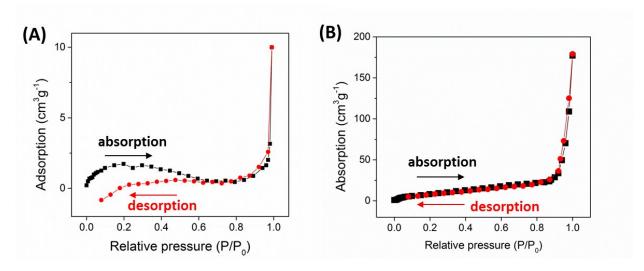


Figure S1. Brunauer-Emmett-Teller (BET) nitrogen adsorption/desorption characteristics of pristine 3DGF (A)and 3DGF/ZnO (B), respectively. The specific surface area of 3DGF is 5.7 m²g⁻¹, while it changed to 39.2 m²g⁻¹ after synthesis of ZnO NRs array. The results demonstrated the significant surface area increase for 3DGF/ZnO compared with pristine 3DGF.