

One-step Potentiostatic Electrodeposition of NiS- NiS₂ on Sludge-based Biochar and its Application for Non-enzymatic Glucose Sensor

Suxing Luo*^a, Meizhi Yang^b, Jiang Li^c, Yuanhui Wu*^a

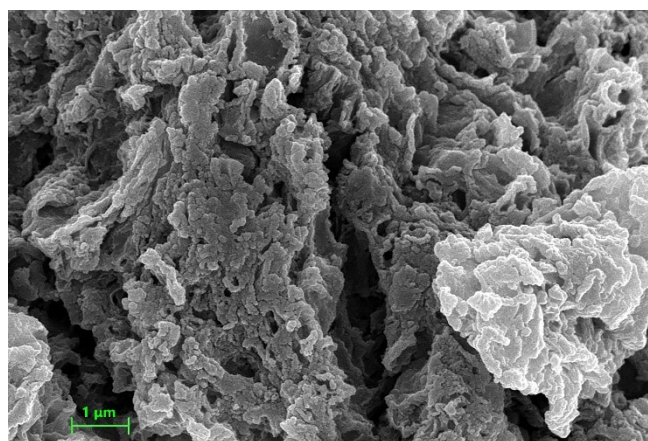


Figure S1 SEM images of sludge-based biochar.

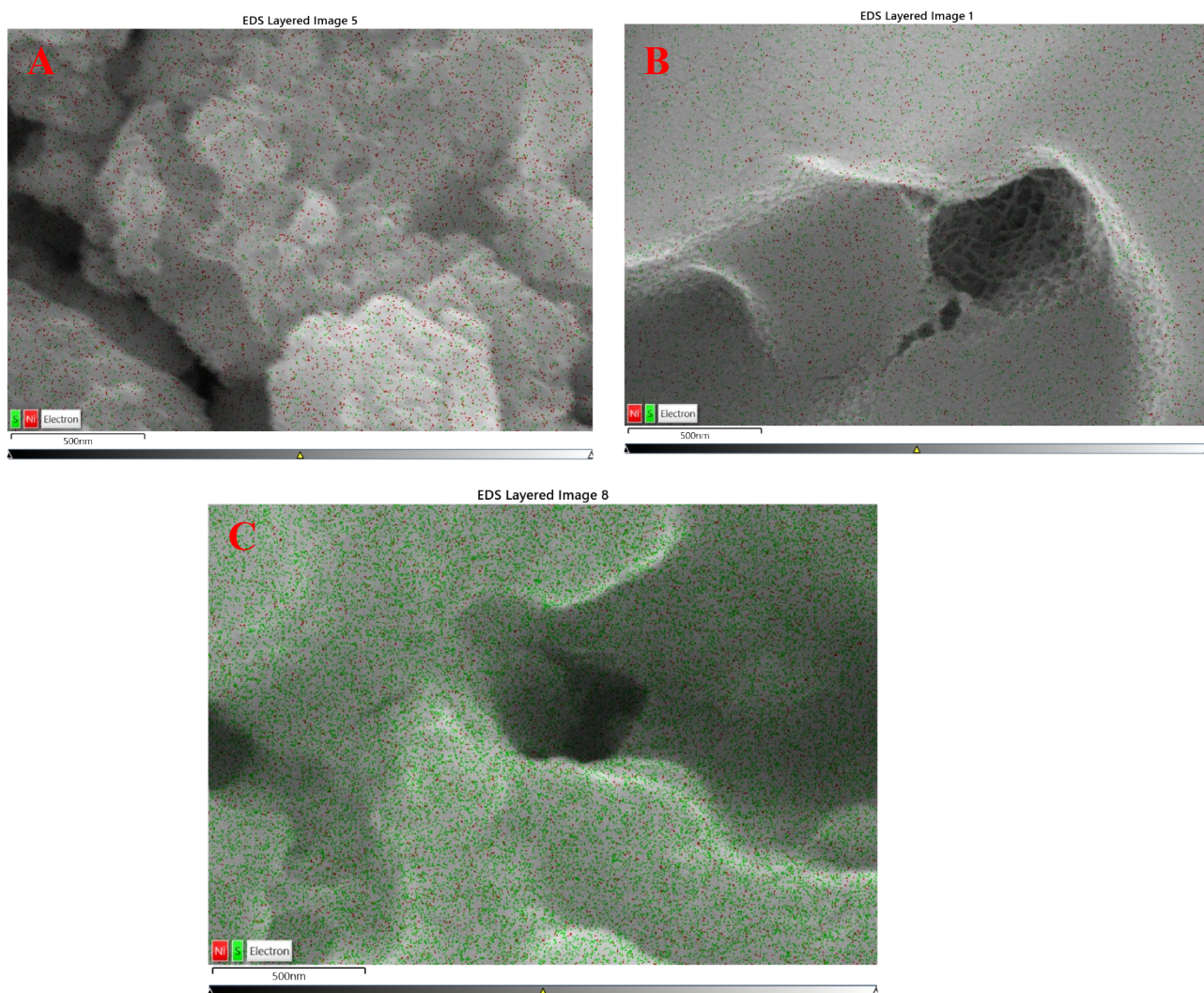


Figure S2 Elemental mapping results of (A) Ni(OH)₂-NiS₂/ sludge-based biochar/GCE, (B) NiS-NiS₂/ sludge-based biochar/GCE, (C) NiS₂ sludge-based /biochar/GCE

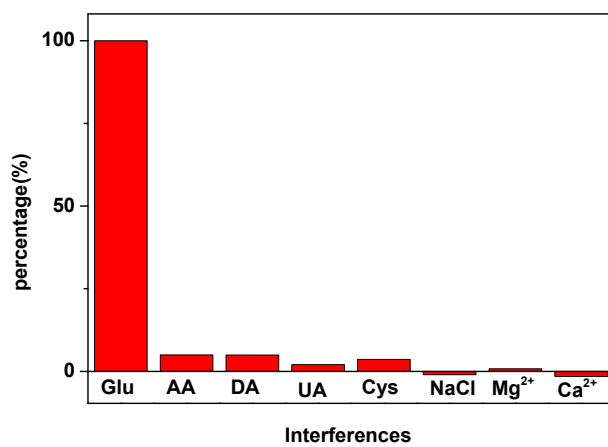


Figure S3 Current response of glucose and the interfering species on NiS-NiS₂/sludge-based biochar/GCE in 0.5 mM glucose.