

Using PdO-incorporated MOF-derived Sandwich Heterostructures for Enhanced Glucose Sensing

Jiayi Li,^a Chen Chen,^{*b} Zirong Tang,^c Guanglan Liao,^{*ac} Lei Nie^a and Tielin Shi^c

^aHubei Modern Manufacturing Quality Laboratory, School of Mechanical Engineering,
Hubei University of Technology, Wuhan 430068, China. E-mail:
guanglan.liao@hust.edu.cn

^bNaval University of Engineering, Wuhan, 430033, China. Email:
2420242078@nue.edu.cn

^cSchool of Mechanical Science & Engineering, Huazhong University of Science and
Technology, Wuhan 430074, China.

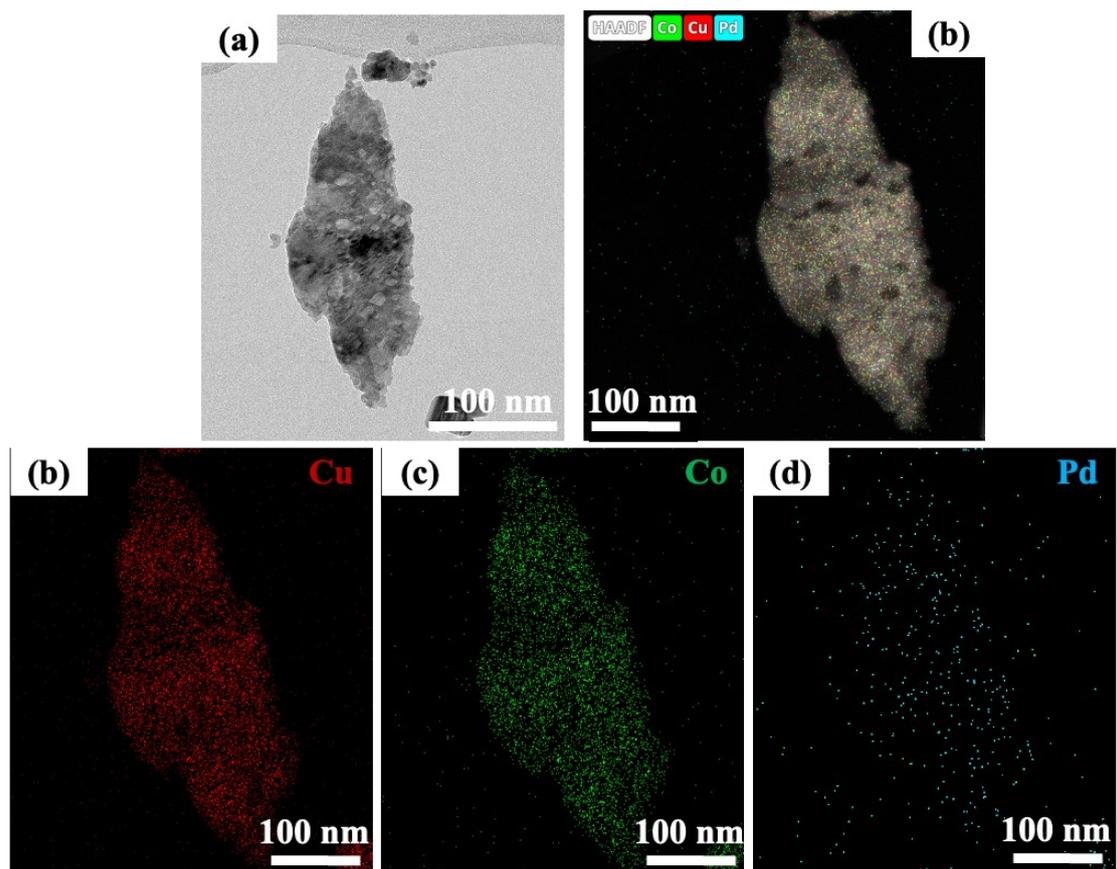
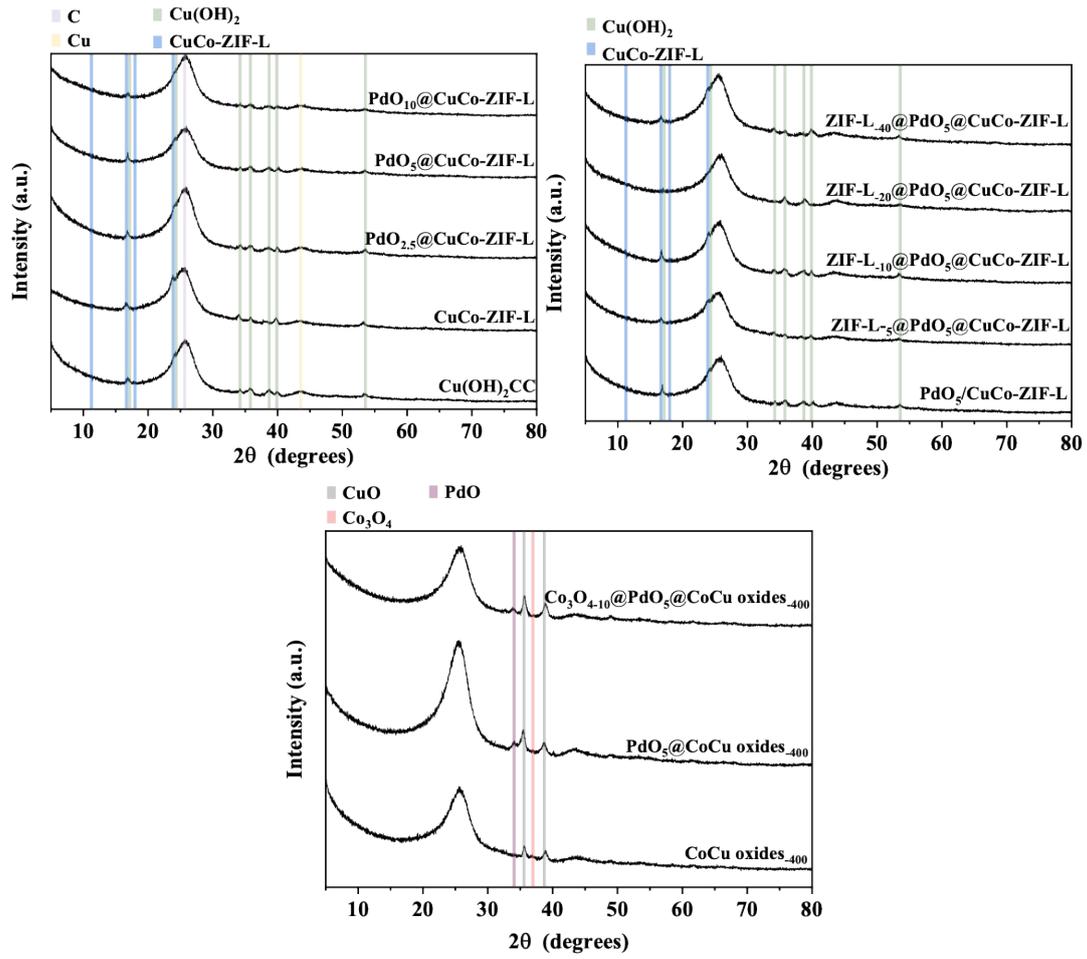


Fig. S1 TEM image of PdO₅@CuCo oxides.⁴⁰⁰



ig. S2 XRD patterns of the obtained structures.

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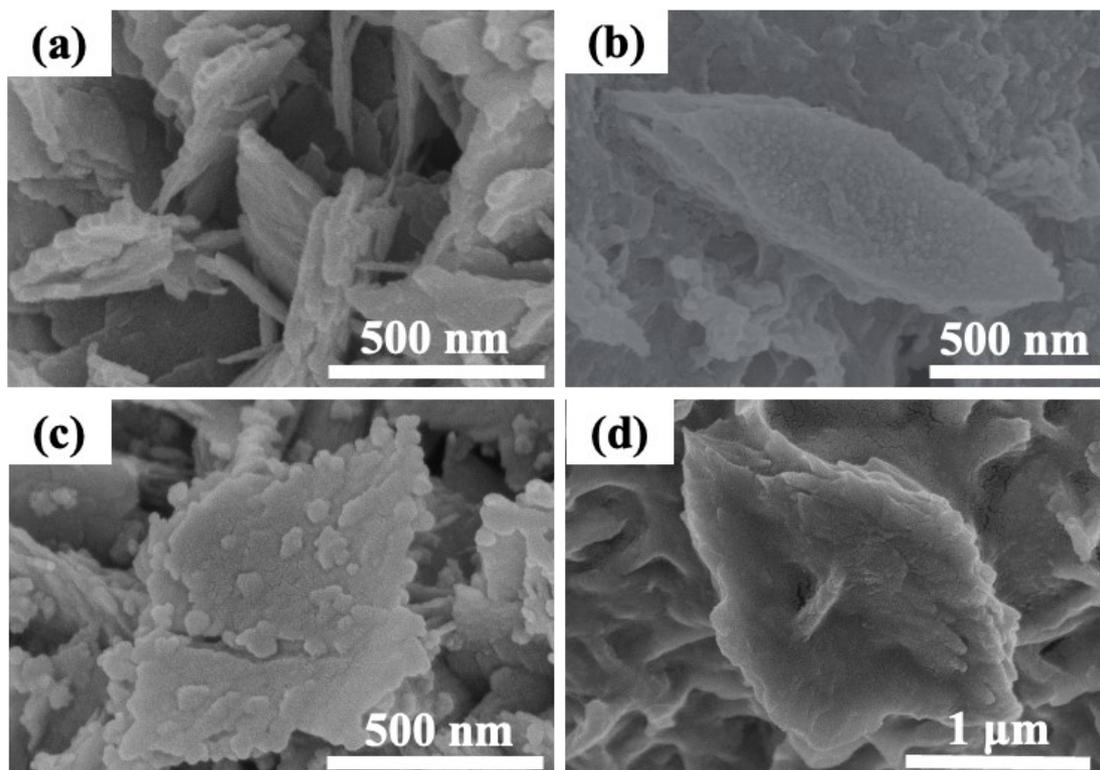


Fig. S3 SEM image of PdO_x@CuCo-ZIF-L (x = 0, 2.5, 5, 10).

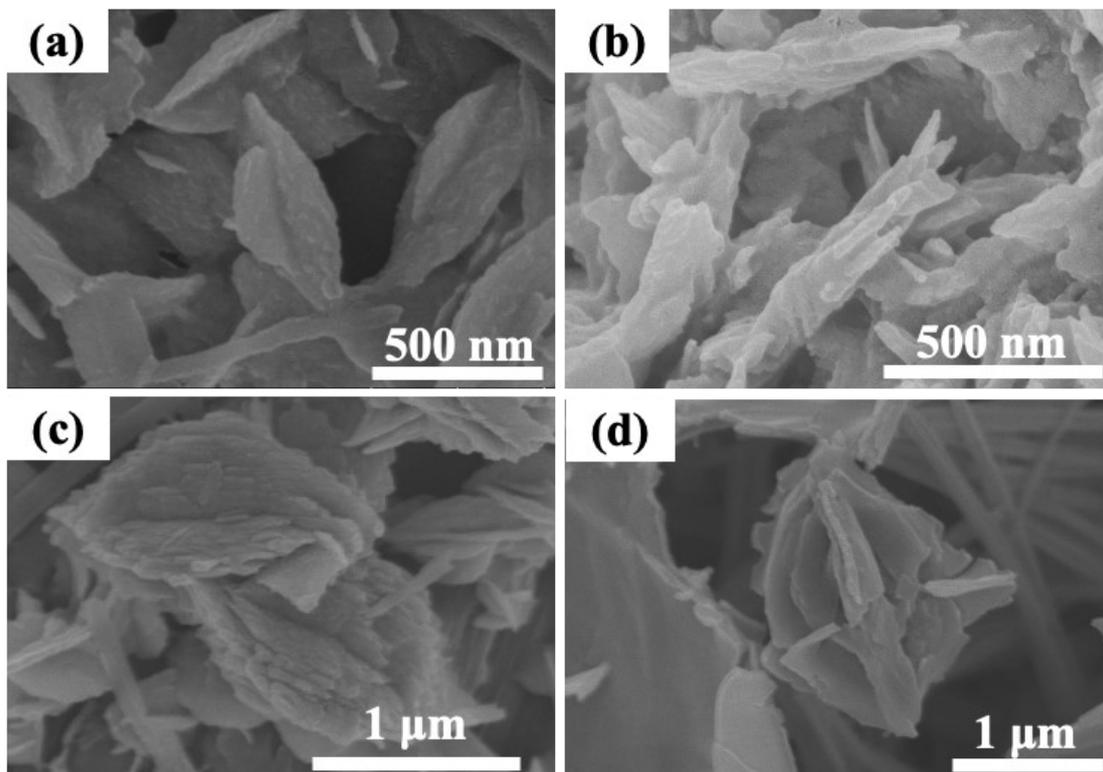


Fig. S4 SEM image of ZIF-L_y@PdO₅@CuCo-ZIF-L ($y = 5, 10, 20, 40$).

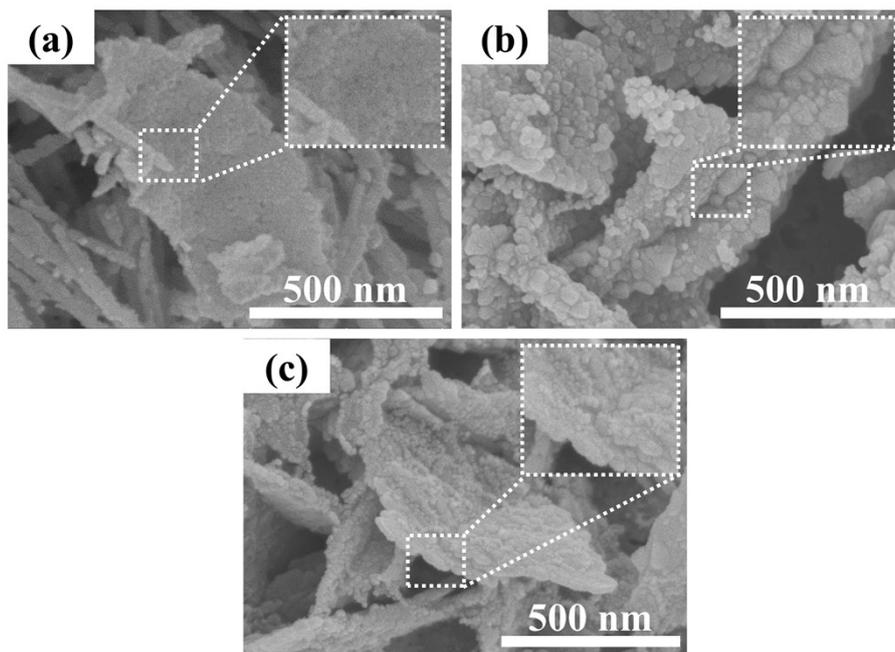


Fig. S5 (a) SEM image of CoCu oxides₄₀₀, (b) PdO₅@CoCu oxides₄₀₀ and (c) Co₃O₄₁₀@PdO₅@CoCu oxides₄₀₀.

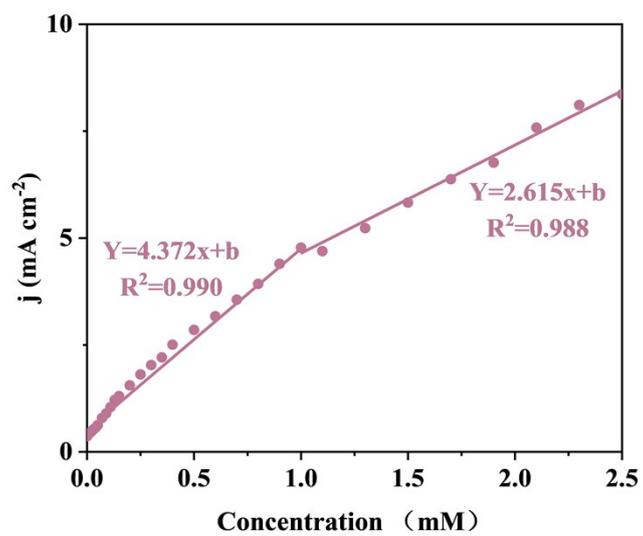


Fig. S6 The calibration curves of current vs. glucose concentration

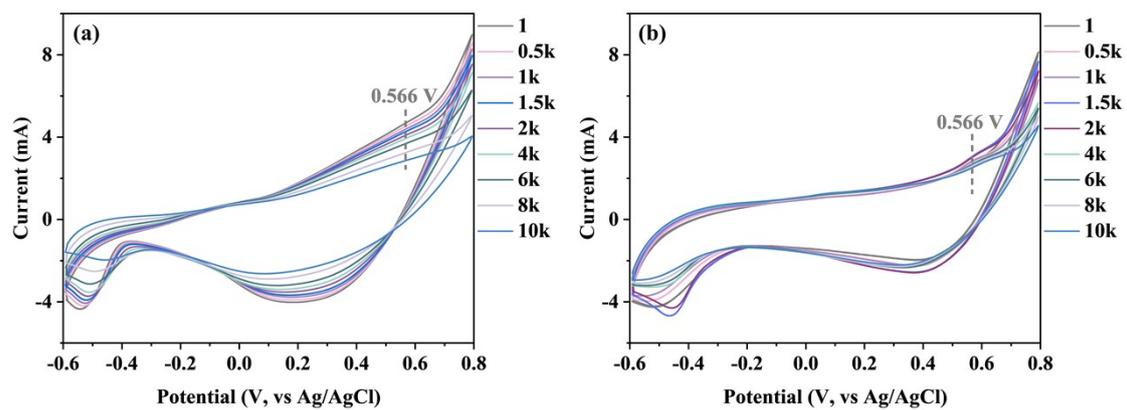


Fig. S7 The CV stability tests of $\text{PdO}_5@\text{CoCu}$ oxides₄₀₀ and $\text{Co}_3\text{O}_{4-10}@\text{PdO}_5@\text{CoCu}$ oxides₄₀₀ at various cycle numbers.

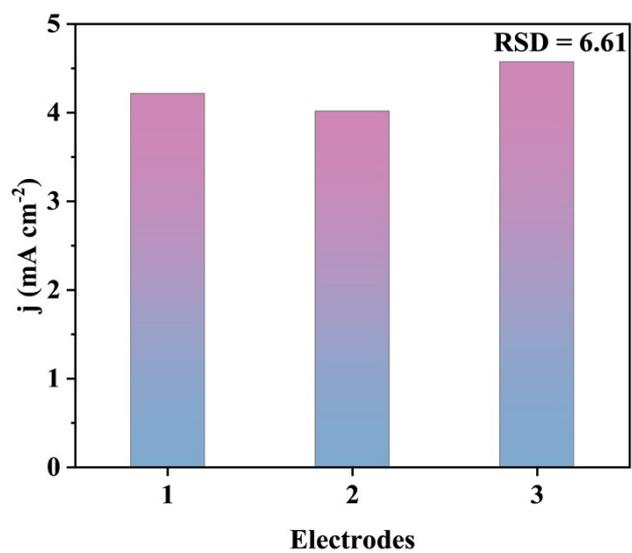


Fig. S8 Current response of different samples prepared under the same experimental conditions.

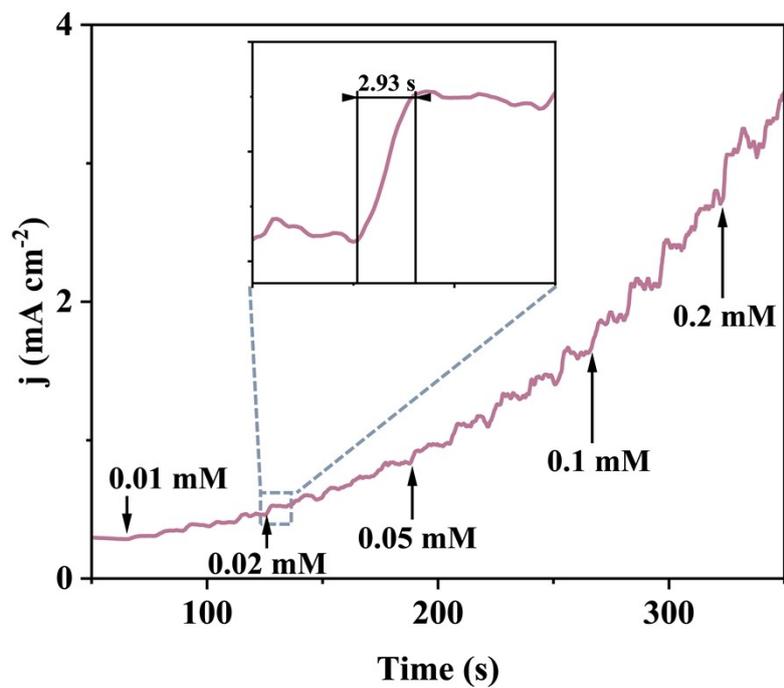


Fig. S9 Current measurement response of $\text{PdO}_5@CoCu$ oxides₄₀₀ for glucose.