

ESI: Electronic Supporting Information

**Non-enzymatic Amperometric Glucose Sensing by novel Cu-MOF Synthesized at Room
Temperature**

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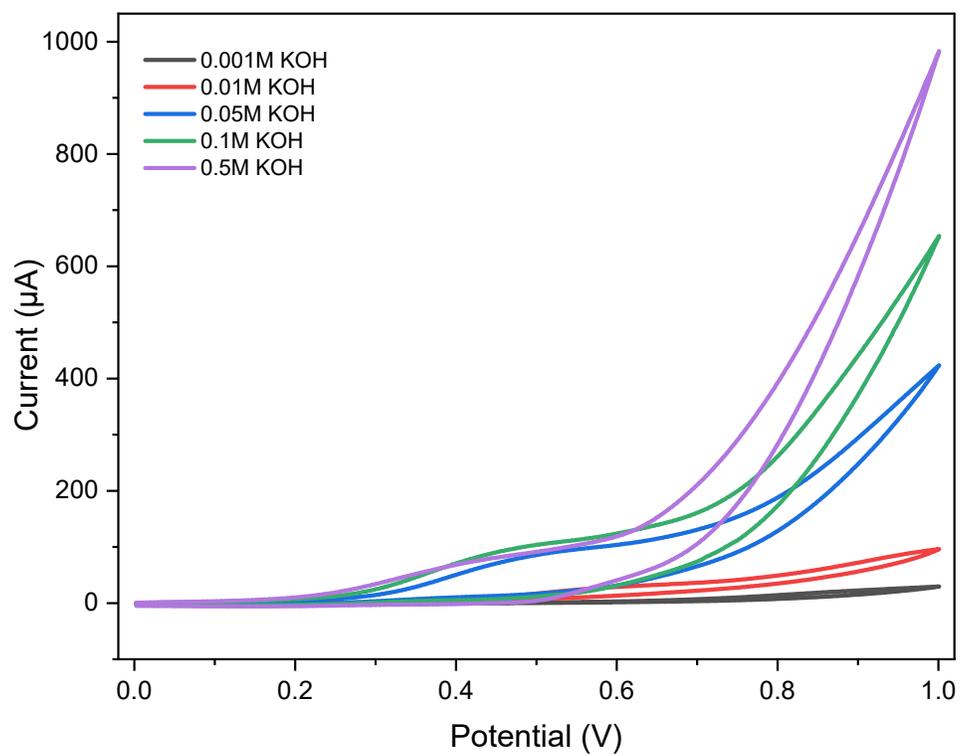


Fig. S1. Effect of KOH concentration. CVs of 1 mM Glu at Cs/Cu-MOF/SPCE in various concentrations of KOH

(b)

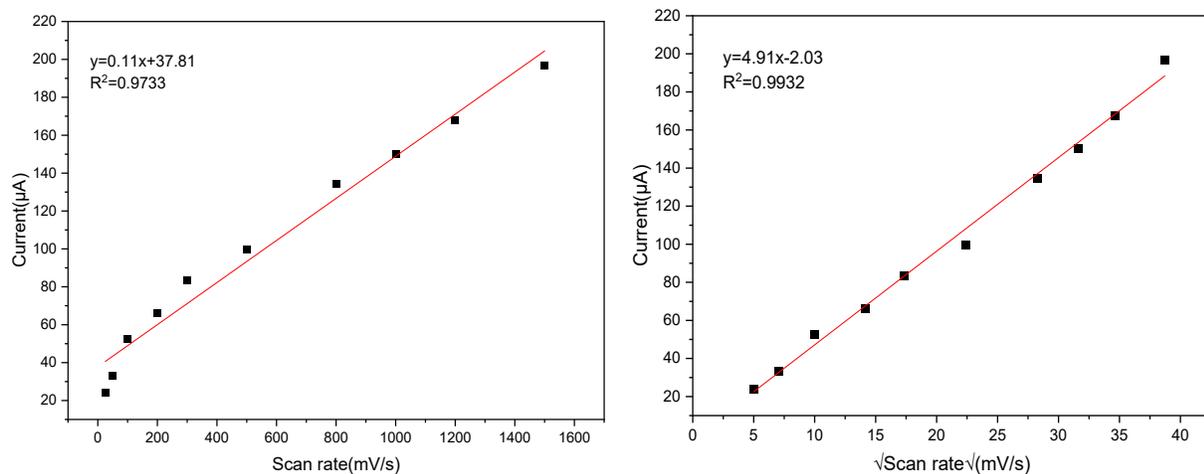


Fig. S2. a) CVs curves of glucose oxidation in 0.05M KOH at Cs/Cu-MOF/SPCE at different scan rates; b) Linear fitting of peak current versus square root of scan rate or linear scan rate.

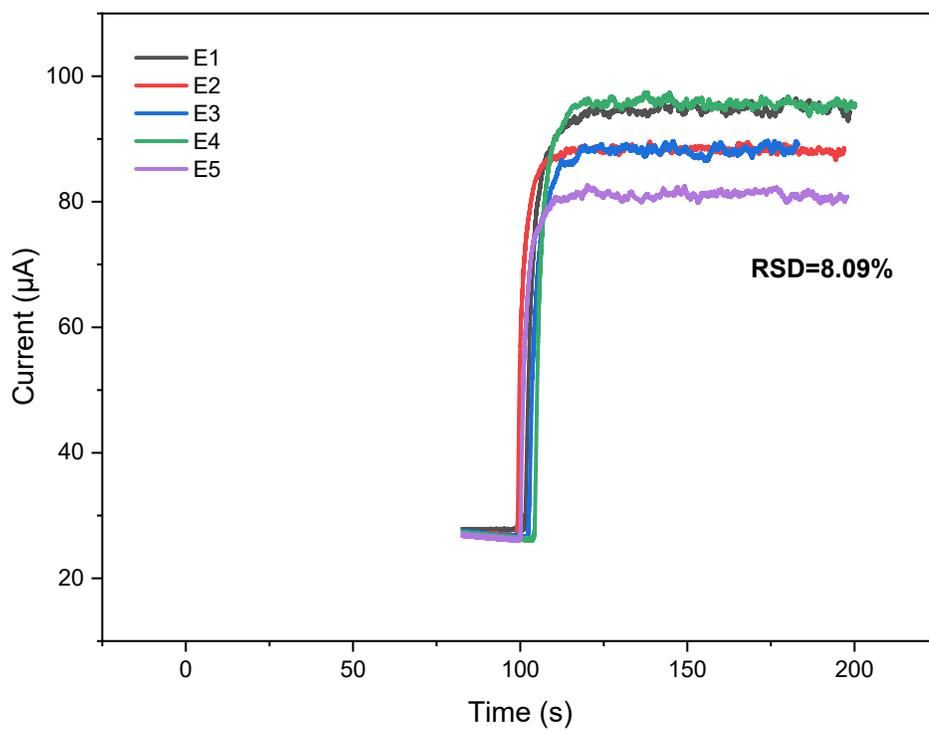


Fig. S3. Reproducibility test using five different Cs/Cu-MOF/SPCE sensors.