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Enhanced non-enzymatic glucose sensing based on porous ZIF-67

hollow nanoprisms

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Fig. S3 SEM images of Co-urea NPs produced with (A) 300 mg and (B) 480 mg of urea, respectively, and (C and D) the corresponding ZIF-67-1 and ZIF-67-2 HNPs.



Fig. S4 Chronoamperometric responses of ZIF-67, ZIF-67-1 and ZIF-67-2 HNPs towards the successive injection of 1 mM glucose solution, respectively.



Fig. S5 (A) Chronoamperometric catalytic responses of ZIF-67 HNPs obtained at different reaction time upon 1 mM glucose in 0.2 M NaOH. Scan rate: 50 mV s⁻¹. (B) The corresponding results of different reaction time.



Fig. S6 (A) SEM image of ZIF-67 dodecahedrons. (B) CVs of ZIF-67 dodecahedrons in the absence (a) and presence (b) of 1 mM glucose in 0.1 M NaOH. Scan rate: $50 \text{ mV} \text{ s}^{-1}$.



Fig. S7 Enlarged chronoamperometric response of ZIF-67 HNPs/ITO.