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Supplementary Information

Preparation of Cu₂O Nanocubes with Different Sizes and Rough

Surfaces by Seed-mediated Self-assembly Process and Its Application

as a Non-Enzymatic Glucose Sensor

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Fig. S1 Survey spectrum (a), Cu 2p spectrum (b) and Auger electron spectrum (c) of 1-Cu₂O. Survey spectrum (d), Cu 2p spectrum (e) and Auger electron spectrum (f) of 2-Cu₂O. Survey spectrum (g), Cu 2p spectrum (h) and Auger electron spectrum (i) of 4-Cu₂O. Survey spectrum (j), Cu 2p spectrum (k) and Auger electron spectrum (l) of 5-Cu₂O.







Fig. S3 CA curves of 3-Cu₂O modified electrode in the human serum samples. Table S1 All the test results of 3-Cu₂O modified electrode in the human serum samples.

Sample	Commercial equipment (mM)	1st measure by 3-Cu ₂ O, (mM)	2nd measure by 3-Cu ₂ O (mM)	3rd measure by 3-Cu ₂ O (mM)	Average (n=3)	RSD (%, n=3)
1	3.25	3.29	3.12	3.25	3.22	2.76
2	5.34	5.51	5.36	5.06	5.31	3.52
3	6.87	6.72	7.11	6.56	6.80	4.16

RSD: relative standard deviation