Supporting Information

Preparation of cuprous oxide mesoporous spheres with different pore size for non-enzymatic glucose detection

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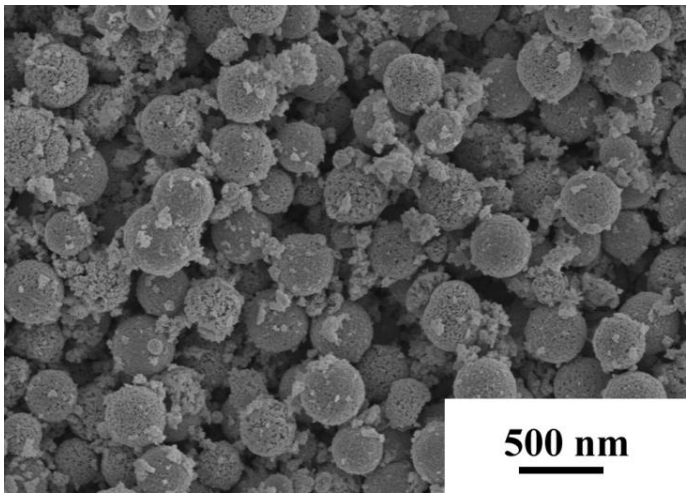

Figure S1. SEM image of LP-Cu_2O with longer etching time.

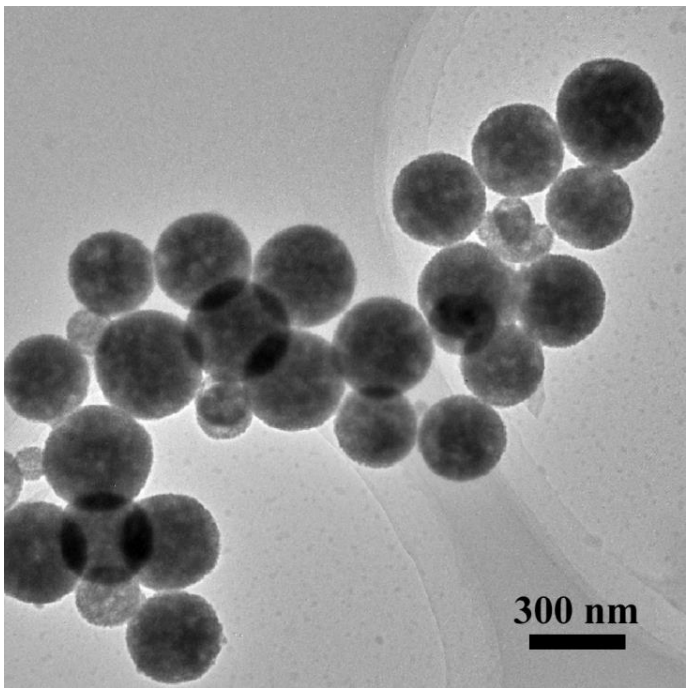

Figure S2. TEM image of SP-Cu_2O.

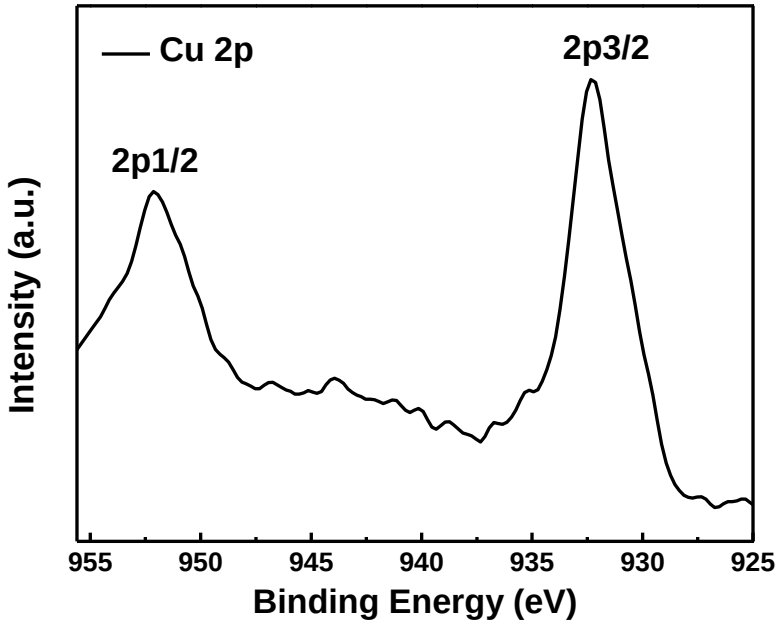

Figure S3. XPS spectrum of Cu 2p for LP-Cu_2O.

Table S1. Comparison of similar non-enzymatic glucose sensors.

Materials	**Linear range (mM)**	**Sensitivity (μA mM^{-1} cm^{-2})**	**Detection Limit (μM)**	**Reference**
Au@Cu_2O	0.05-2	715	18	1
Octahedral Cu_2O	0.1-5	293.893	5.11	2
Cu_2O/graphene	0.01-3	1330.05	0.36	3

Hollow Cu_2O	0.00125-0.0375	2038.2	0.41	4
RGOs-Cu_2O	0.01-6	2619	0.05	5
LP-Cu_2O	0.003-7.8	2116.9	0.42	This work

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