

## Supporting Information

### Sintering Behavior of Copper Nanoparticles

En-Kyul Yu, Longhai Piao,\* and Sang-Ho Kim\*

Department of Chemistry, Kongju National University, Chungnam 314-701, Korea

\*E-mail: piaolh@kongju.ac.kr (L. Piao), sangho1130@kongju.ac.kr (S.-H. Kim)

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**Table S1.** Cu<sub>2</sub>O crystalline domain sizes heated under air and nitrogen environment

Environment	Cu <sub>2</sub> O crystalline domain size (nm)					
	200 °C		250 °C		300 °C	
	15 min	30 min	15 min	30 min	15 min	30 min
Air	6.8	8.3	11.8	12.2	12.4	14.5
Nitrogen	9.6	12.9	13.1	16.3	17.7	19.4