Electronic Supplementary Information for

Facile fabrication of CuO 1D pine-needle-like arrays for for super-rate lithium storage

Xin Chen,* Naiqing Zhang, b,c and Kening Sun * c, b

a Department of Chemistry, Harbin Institute of Technology, Harbin, 150001, PR China.
b State Key Laboratory of Urban Water Resource and Environment, Harbin Institute of Technology, Harbin, 150001, PR China.
c Academy of Fundamental and Interdisciplinary Sciences, Harbin Institute of Technology, Harbin, 150001, PR China

Fig. S1 SEM images (A, B) and rate discharge-charge plots (a, b) of CuO PNL arrays under the current density of 2.5 mA·cm⁻² for 8, 20 min in 2 M KOH solutions, respectively.

Fig. S1 SEM images (A, B) and rate discharge-charge plots (a, b) of CuO PNL arrays under the current density of 2.5 mA·cm⁻² for 8, 20 min in 2 M KOH solutions, respectively.

* To whom correspondence should be addressed. E-mail: keningsun@yahoo.com.cn
Fig. S2 SEM images (A, B) of CuONNs arrays and DPNs after 90 cycles under the various rates from 0.2C to 20C to 0.2C.