Supplementary Information

Directly ultrasonic modification of current collector with enhanced pseudocapacity

Zijun Shi, Qingwen Zhou, Yang Liu, Yanfang Gao* and Jinrong Liu

College of Chemical Engineering, Inner Mongolia University of Technology, Hohhot, 010051, P. R. China.

Corresponding author. Tel.: +86 471 6575722; Fax: +86 471 6503298.

E-mail address: yf_gao@imut.edu.cn (Y. Gao)

Fig.S1. The SEM images of the modified nickel foam under different temperature. (a) At 5 °C; (b) At 30 °C; (c) At 40 °C; (d) At 50 °C.
**Fig S2.** Nitrogen adsorption–desorption isotherms and corresponding pore size distribution curves (inset) of the modified nickel foam.