Solvothermal synthesis of CoS$_2$/graphene nanocomposite material for high-performance supercapacitors

Bei Wang,$^a$ Jinsoo Park,$^b$ Dawei Su,$^a$ Chengyin Wang$^c$, Hyojun Ahn$^b$

and Guoxiu Wang$^{*,a,b}$

$^a$ Centre for Clean Energy Technology & School of Chemistry and Forensic Science, University of Technology Sydney, City Campus, Broadway, Sydney 2007, Australia

$^b$ School of Materials Science and Engineering, Gyeongsang National University, 900 Gazwa-dong Jinju, Gyeongnam 660-701, South Korea

$^c$ College of Chemistry and Chemical Engineering, Yangzhou University, Yangzhou 225002, China

SI-Fig. 1 XRD pattern of the CoS$_2$ nanoparticles.
SI-Fig. 2 (a) low and (b) high magnified SEM images of the CoS$_2$ nanoparticles.