Supporting Information

Large-scale synthesis of porous Ni$_2$P nanosheets for lithium secondary batteries

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**Fig. S1** (a) SEM image of Ni spheres synthesized without using SDBS; (b) SEM image of Ni$_2$P/Ni$_{12}$P$_3$ spheres.
**Fig. S2** (a) SEM image of Ni$_2$P nanosheets after 20 cycles; (b) SEM image of Ni$_2$P nanoparticles after 20 cycles.