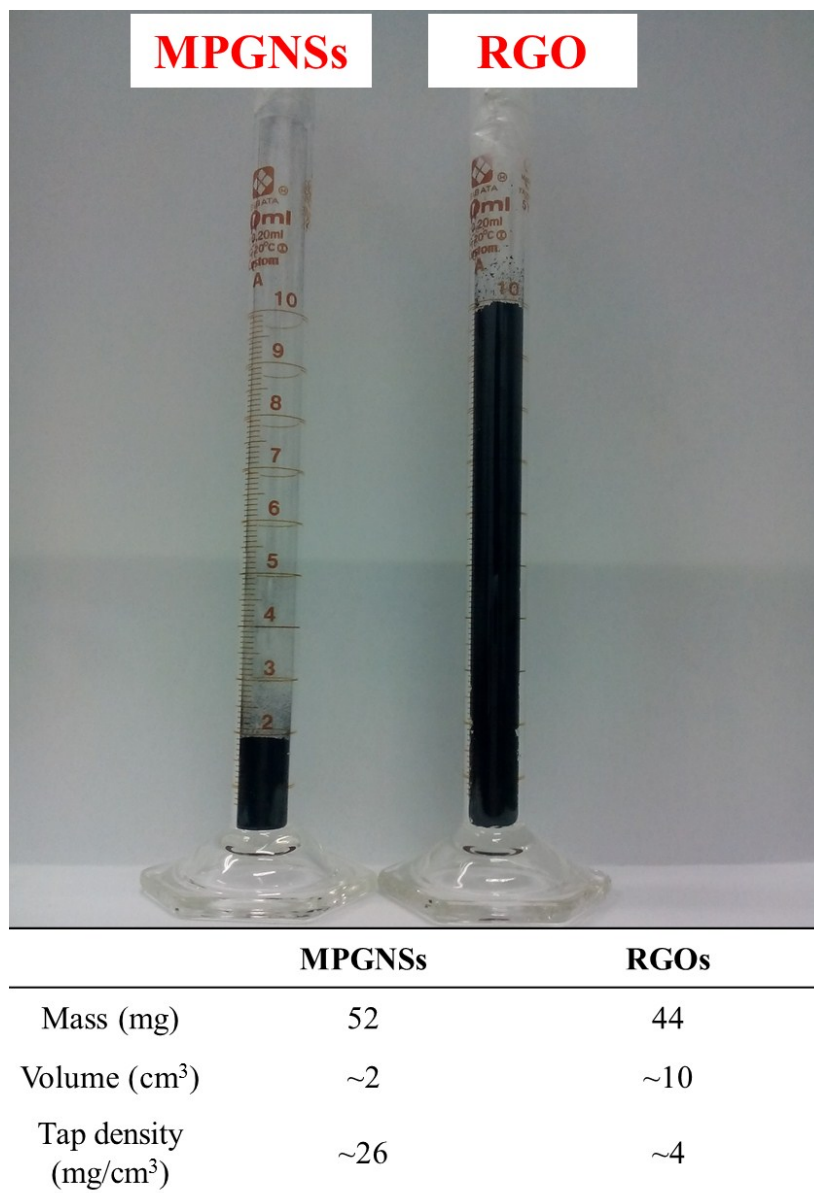
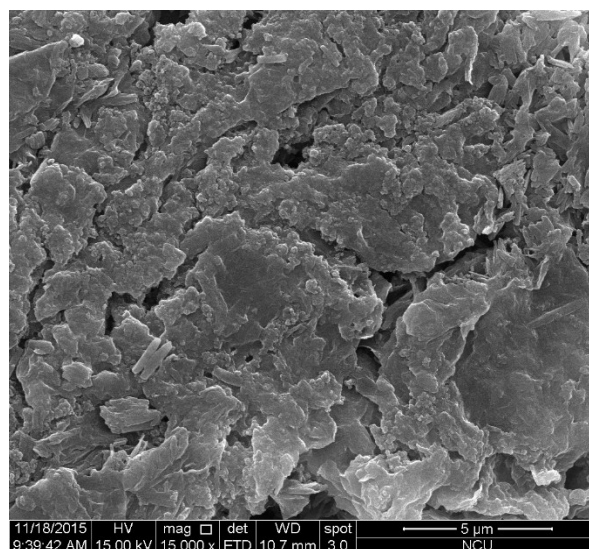


**Figure S1.** AFM data of the synthesized (a) MPGNS and (b) RGO samples.



**Figure S2.** Tap densities of the synthesized MPGNS and RGO samples.



**Figure S3.** SEM micrograph of the MPGNS electrode after 500 charge–discharge cycles.