Supporting Information

Enhanced Lithium Storage Performances of Novel Layered Nickel Germanate Anodes Inspired by Spatial Arrangement of Lotus Leaves

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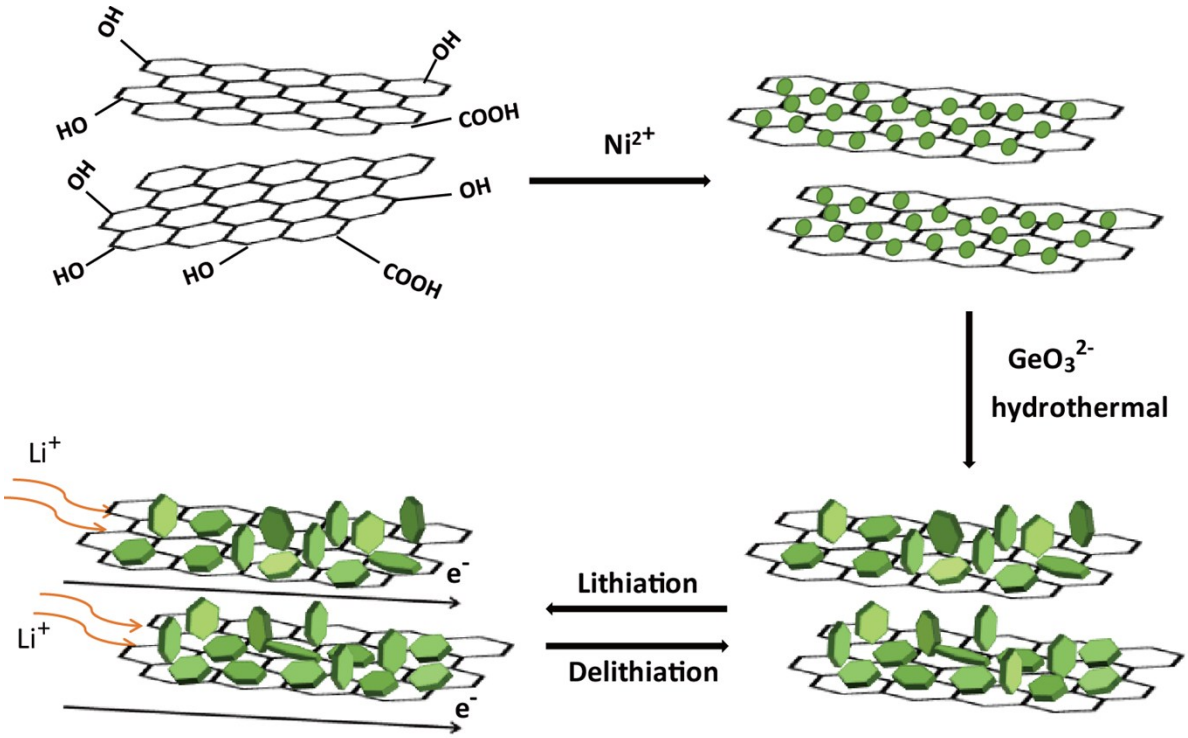

Figure S1. Schematic illustrating the synthesis of $Ni_3Ge_2O_5(OH)_4$/RGO hybrids.

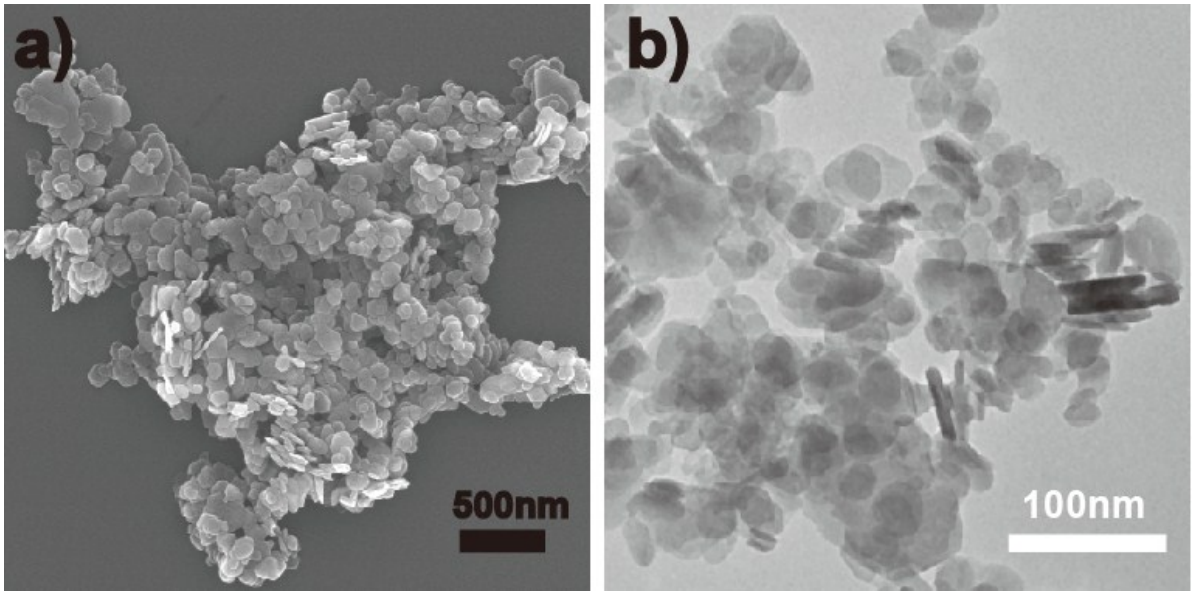

Figure S2. (a) SEM and (b) TEM images of $Ni_3Ge_2O_5(OH)_4$ nanosheets.

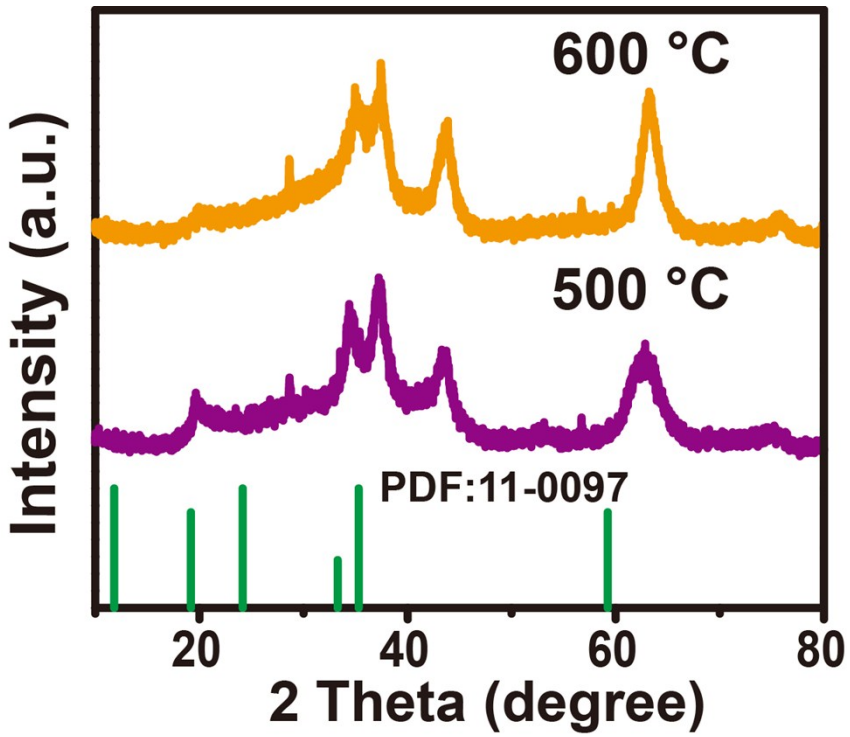

Figure S3. XRD patterns of $Ni_3Ge_2O_5(OH)_4$/RGO-120 thermally annealed at different temperatures.

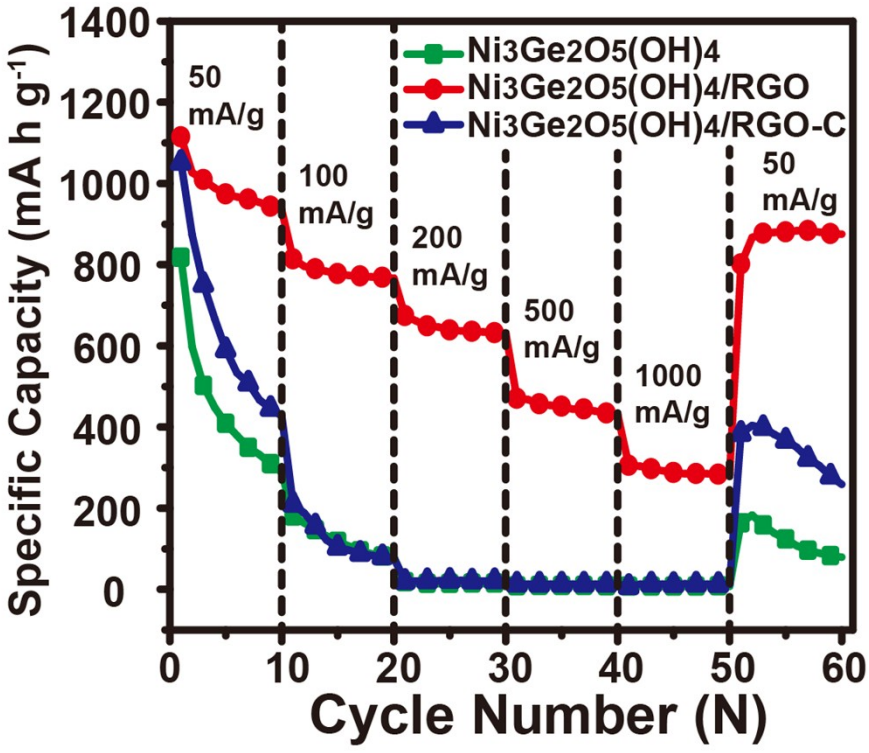

Figure S4. Rate performances of $Ni_3Ge_2O_5(OH)_4$, $Ni_3Ge_2O_5(OH)_4$/RGO-C, and $Ni_3Ge_2O_5(OH)_4$/RGO hybrids thermally annealed at 300 °C.

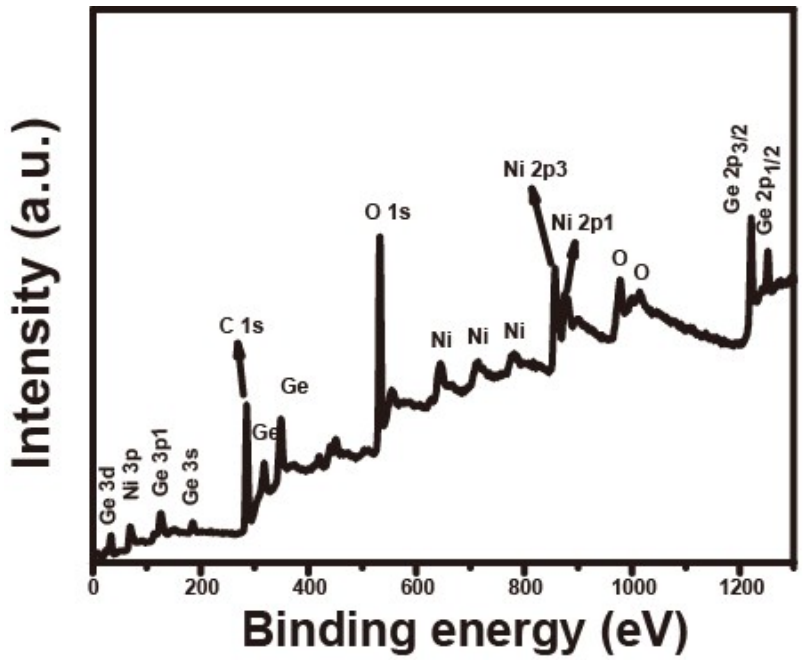

Figure S5. Wide-survey XPS spectrum of $Ni_3Ge_2O_5(OH)_4$/RGO-120 hybrid.

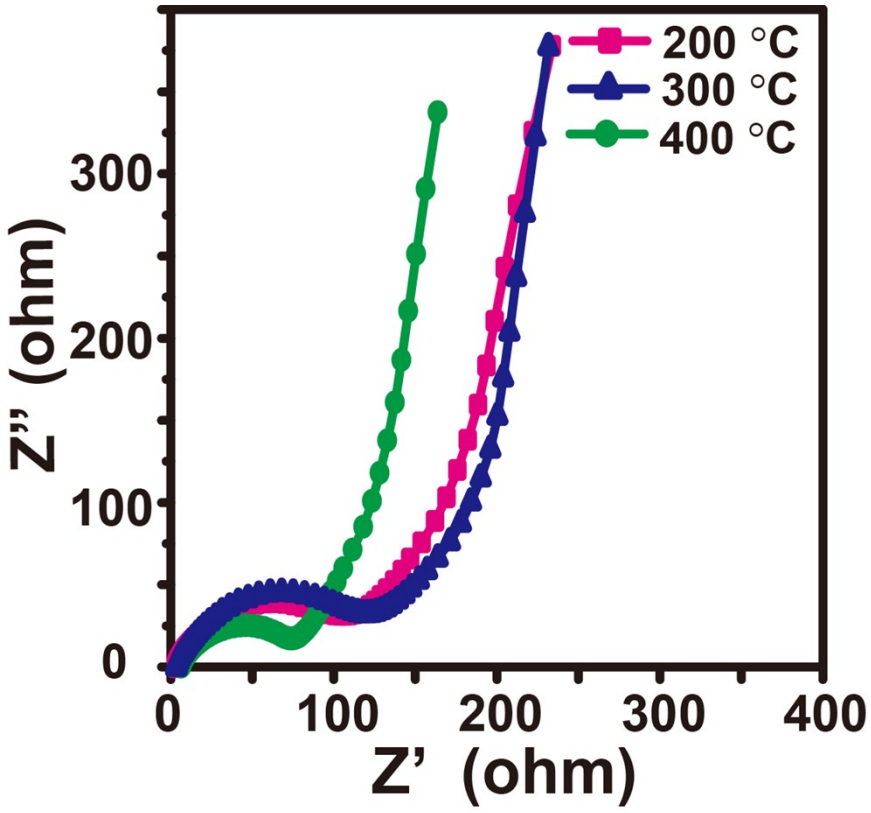

Figure S6. EIS curves of $Ni_3Ge_2O_5(OH)_4$/RGO hybrids thermally annealed at different temperatures.