

Supporting Information

Synthesis of Ultra-Small Gold Nanoparticles Decorated into NiO Nanobelts and Its High Electrochemical Performance

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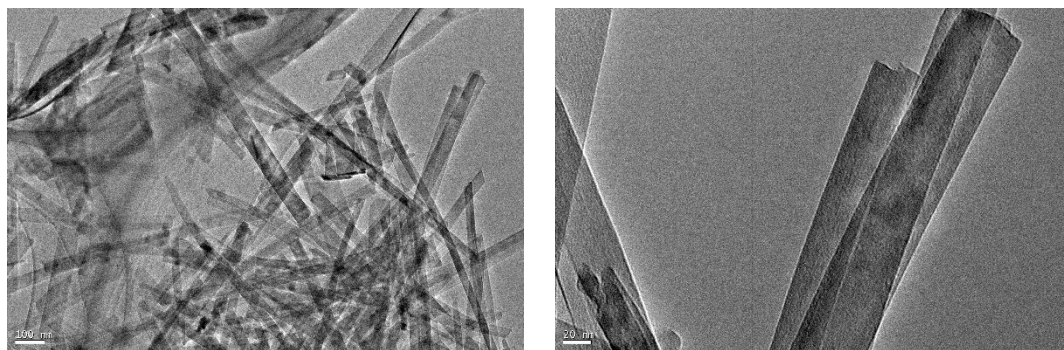


Fig. S1 TEM images of Ni(OH)₂ nanobelts

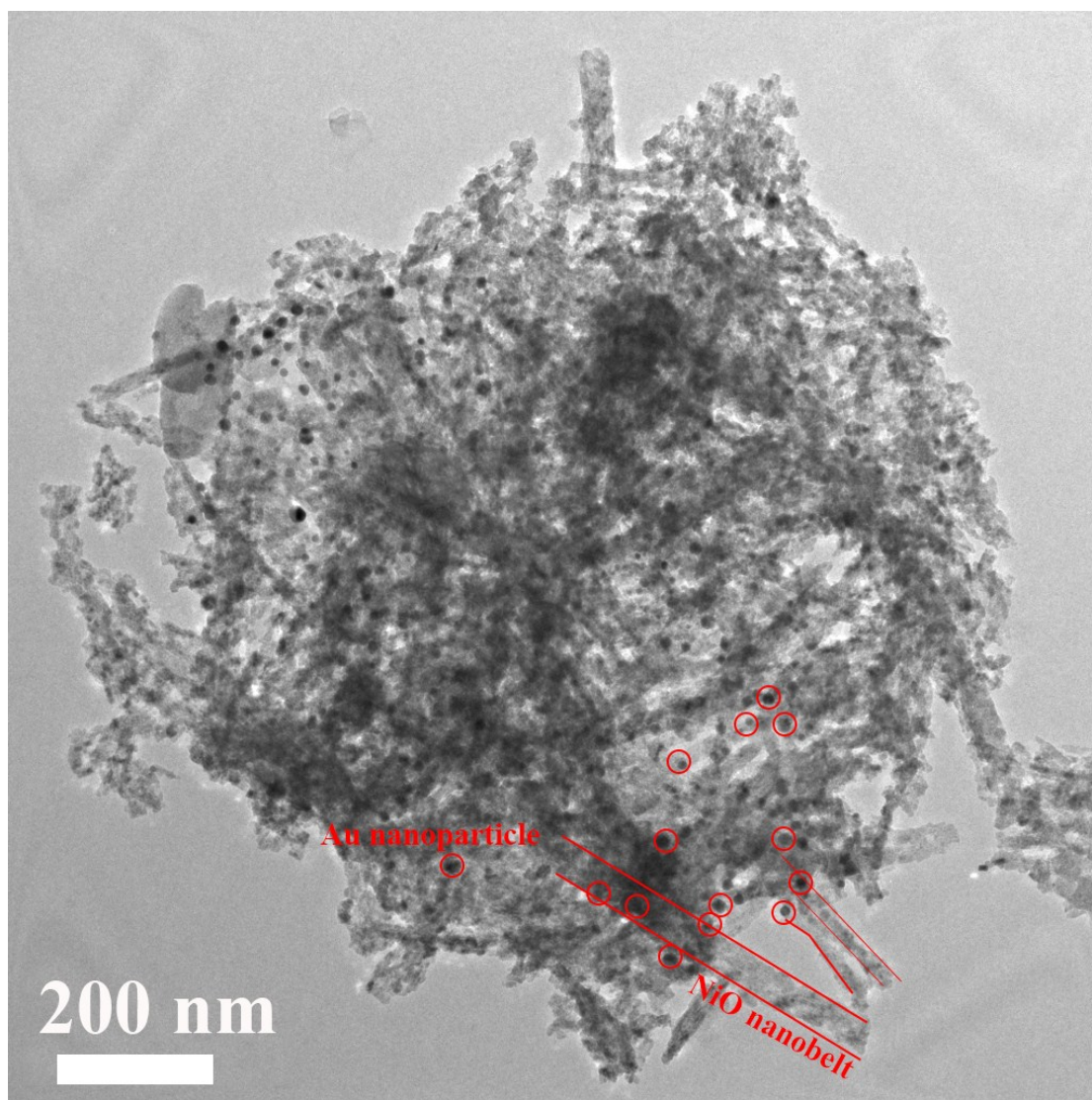


Fig. S2 TEM image of NiO-AuNP

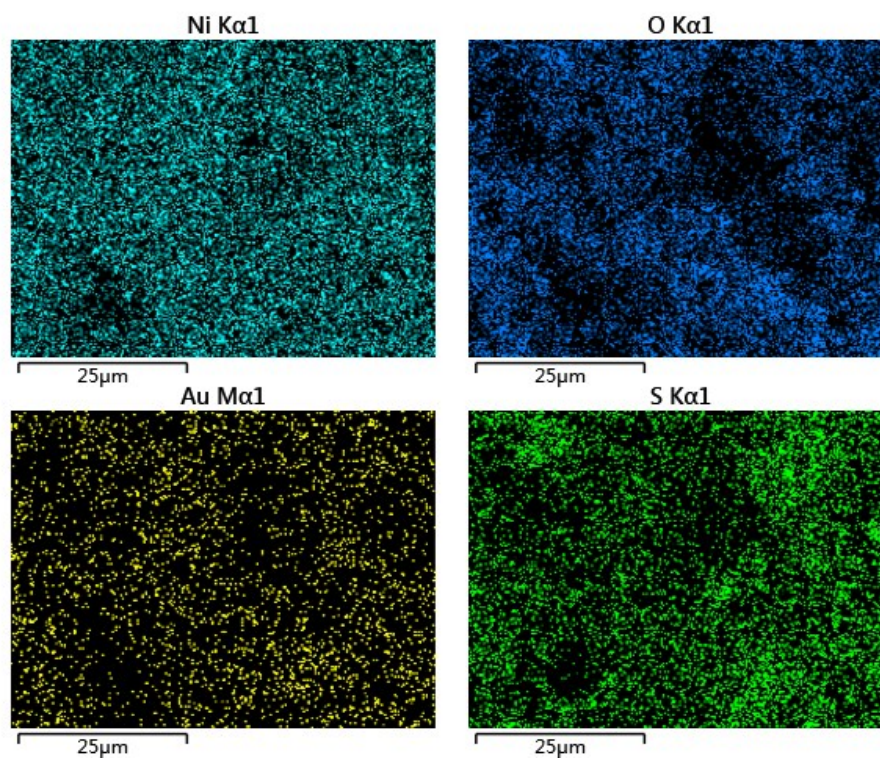


Fig. S3 Elemental mapping of NiO-AuNP

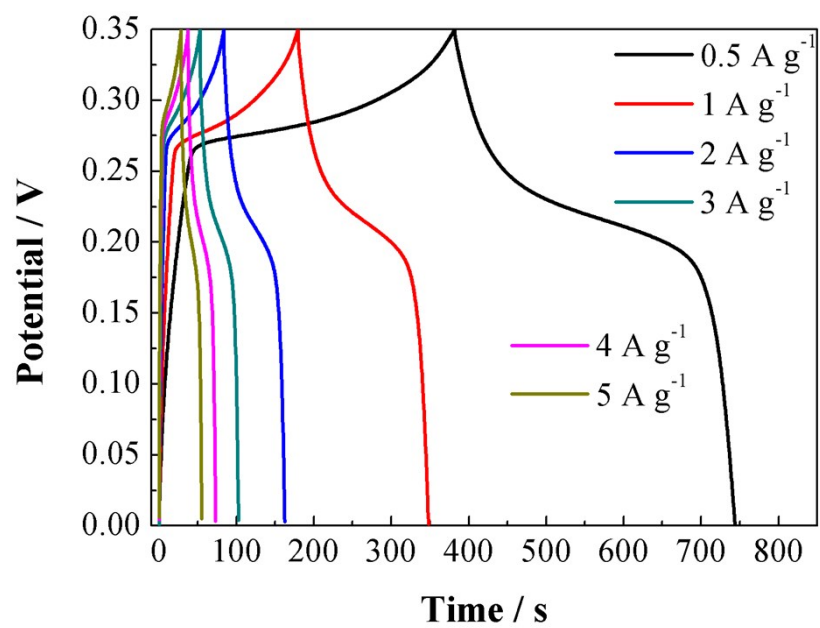


Fig. S4 GCD curves of NiO

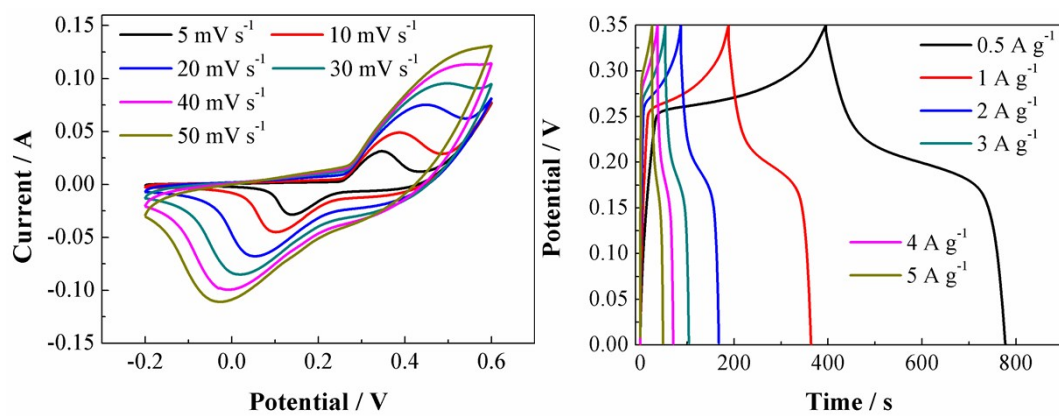


Fig. S5 CV and GCD curves of NiO-AuNP-1

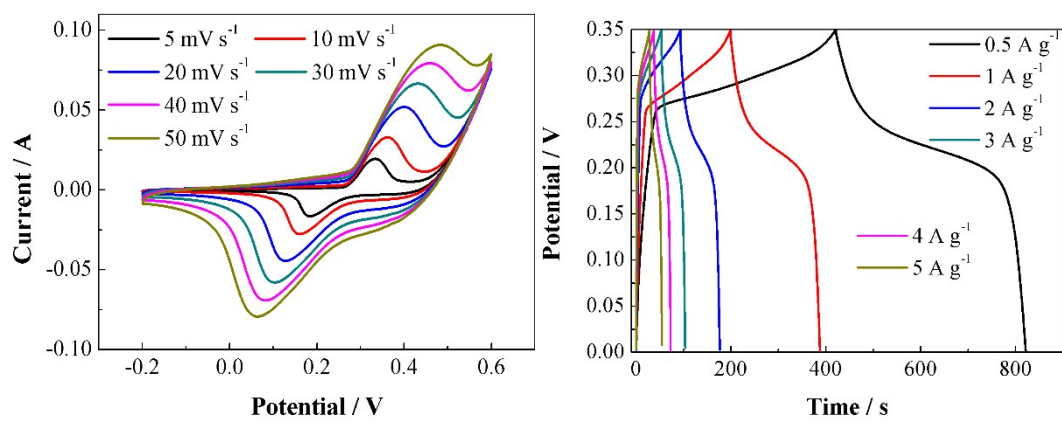


Fig. S6 CV and GCD curves of NiO-AuNP-3

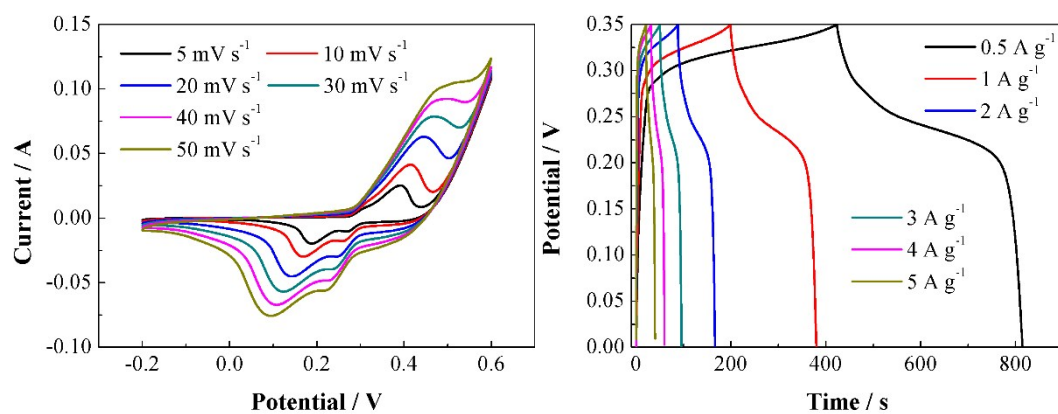


Fig. S7 CV and GCD curves of NiO-AuNP-4

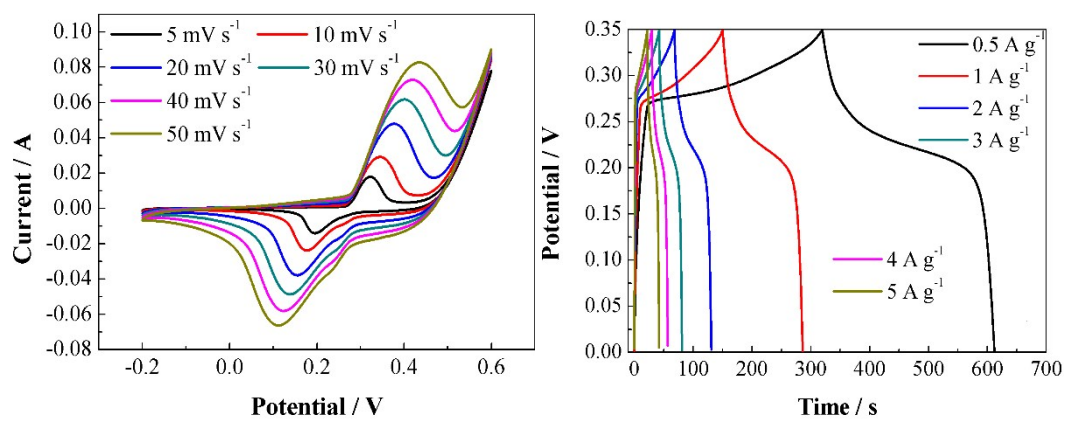


Fig. S8 CV and GCD curves of NiO-AuNP-5

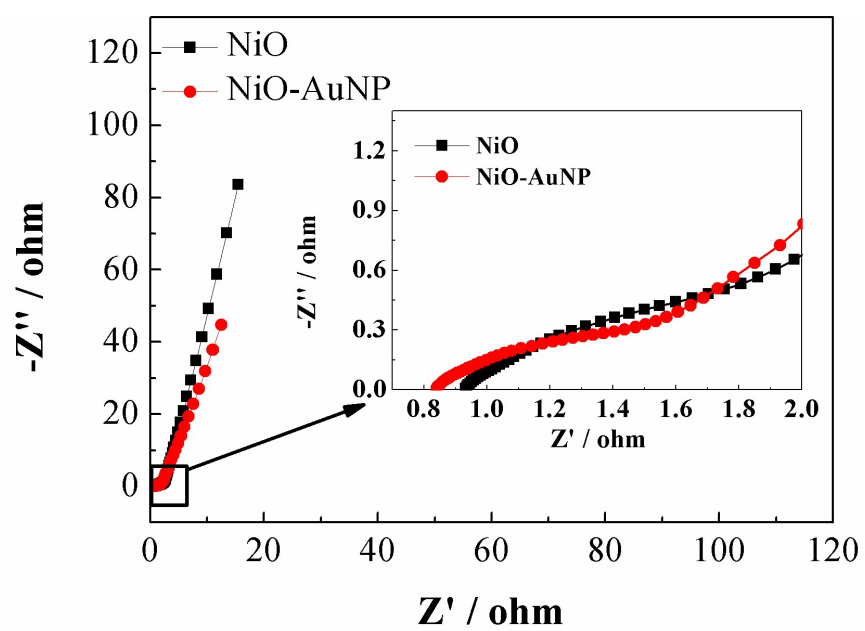


Fig. S9 EIS of NiO and NiO-AuNP

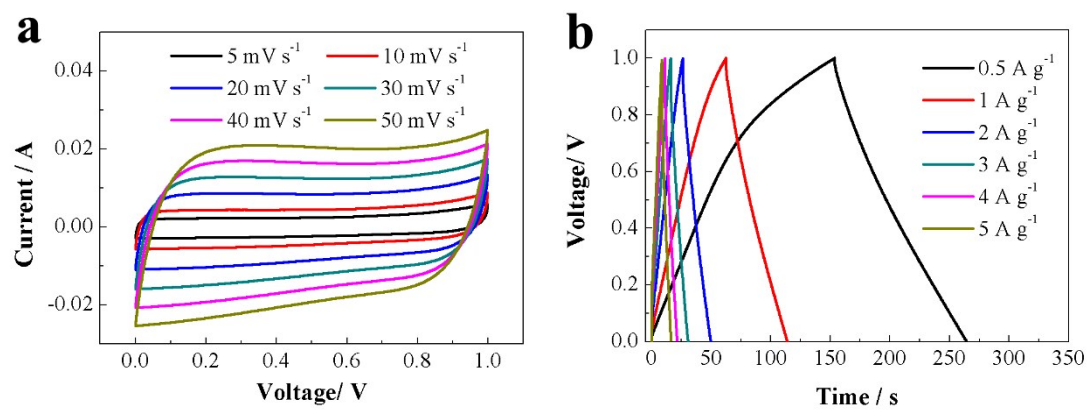


Fig. S10 Electrochemical performances of AC electrode used two-electrode system