

Supporting Information

In-situ preparation of MgCo_2O_4 nanosheets on Ni-foam as a binder-free electrode for high performance hybrid supercapacitors

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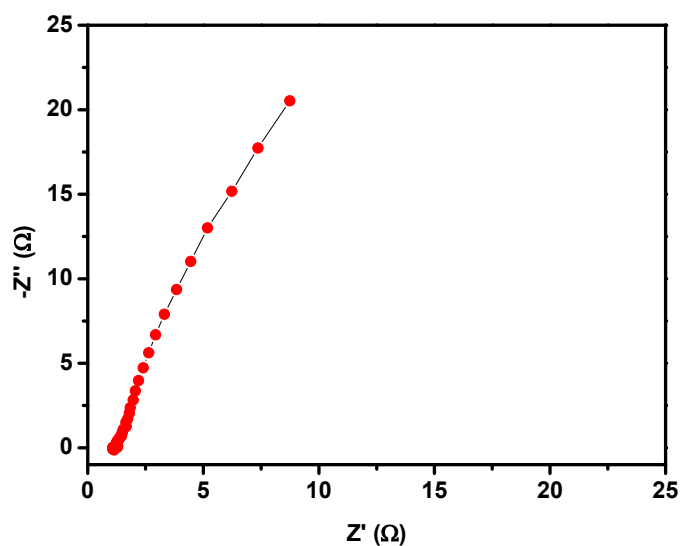


Fig. S1. Impedance of MgCo_2O_4 electrode

Table S1. Summary of recent reports of MgCo₂O₄

Materials	Morphology	Electrolyte	Specific capacity (C g⁻¹)	Current (A g⁻¹)	Reference
MgCo₂O₄ on Ni-foam	Nanocone arrays	6.0 M KOH	300	1	19
MgCo₂O₄ powders	Porous double-urchin like morphology	2.0 M KOH	254	2	29
MgCo₂O₄ /rGO powders	Flaky flowery structure	3.0 M LiOH	284.4	2.5 mA cm ⁻²	30
MgCo₂O₄ powders	Cuboidal microcrystal	3.0 M LiOH	345	1	31
MgCo₂O₄ on Ni-foam	nanosheets	2.0 M KOH	947	2	Present work