

Supporting Information

***In situ* mass change and gas analysis of 3D manganese oxide/graphene aerogel for supercapacitors**

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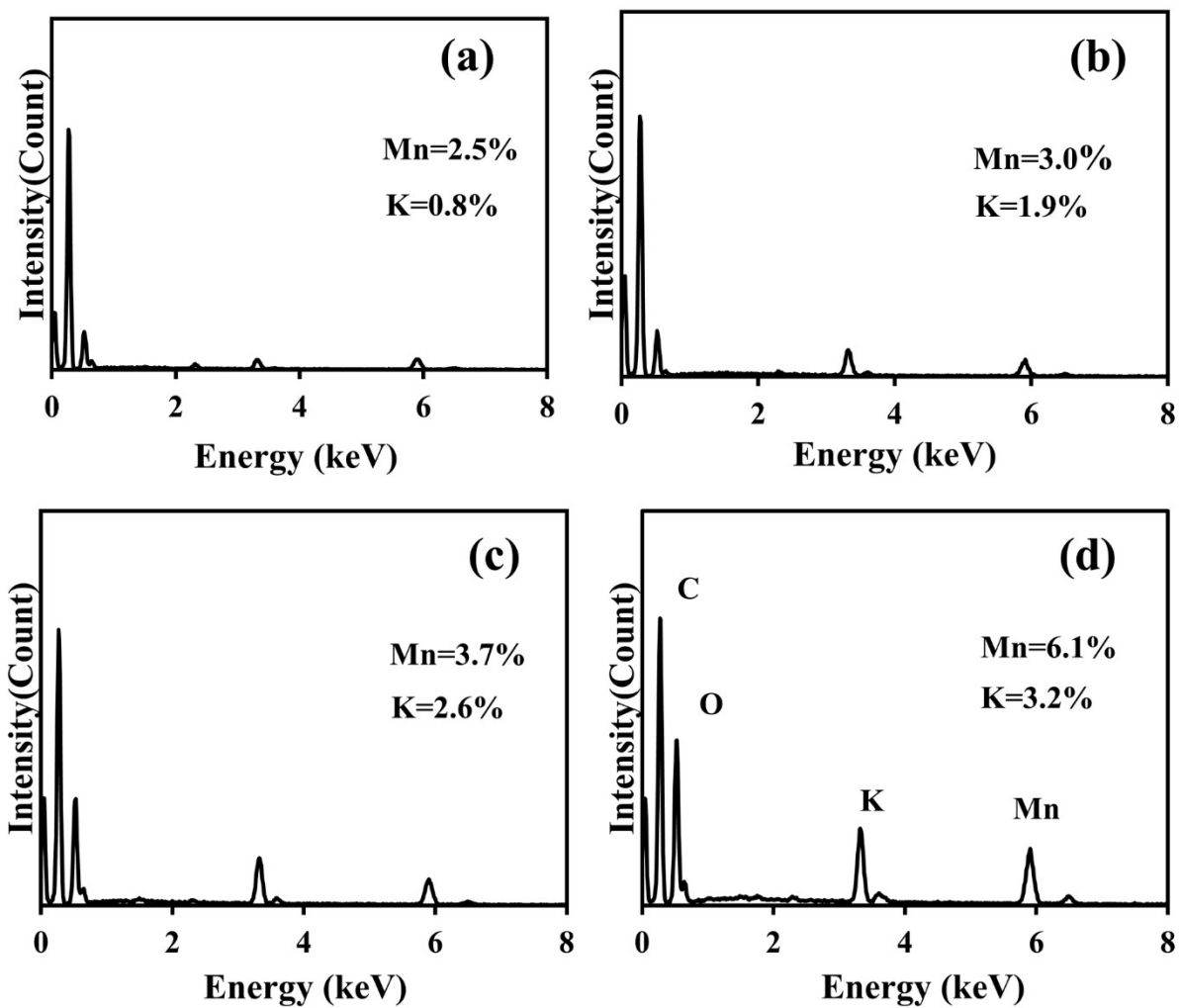


Figure S1. EDS spectra of 3D MnO_x/rGO_{ac} with different GO:KMnO₄ precursor weight ratios at (a) 8:1, (b) 4:1, (c) 2:1, and (d) 1:1.

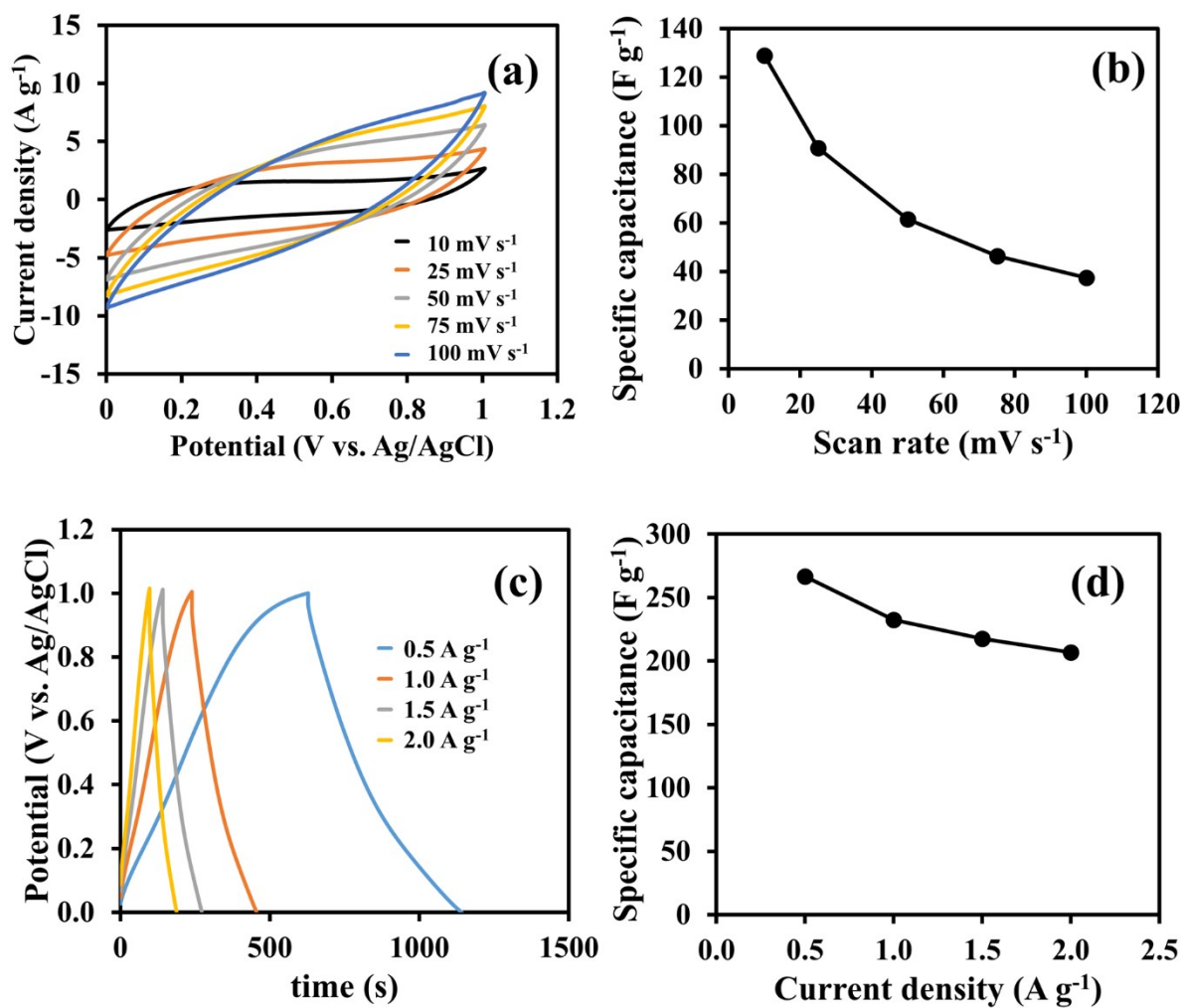


Figure S2. (a) CV curves, (b) specific capacitance calculated from CV, (c) GCD curves, and (d) specific capacitance calculated from GCD of 3D MnO_x/rGO_{ac} in 1 M Na₂SO₄ electrolyte.