Electronic Supplementary Material (ESI) for Dalton Transactions.

Supporting Information

Coexistence of Electrical Conductivity and Ferromagnetism in a Hybrid Material formed from Reduced Graphene Oxide and Manganese Oxide

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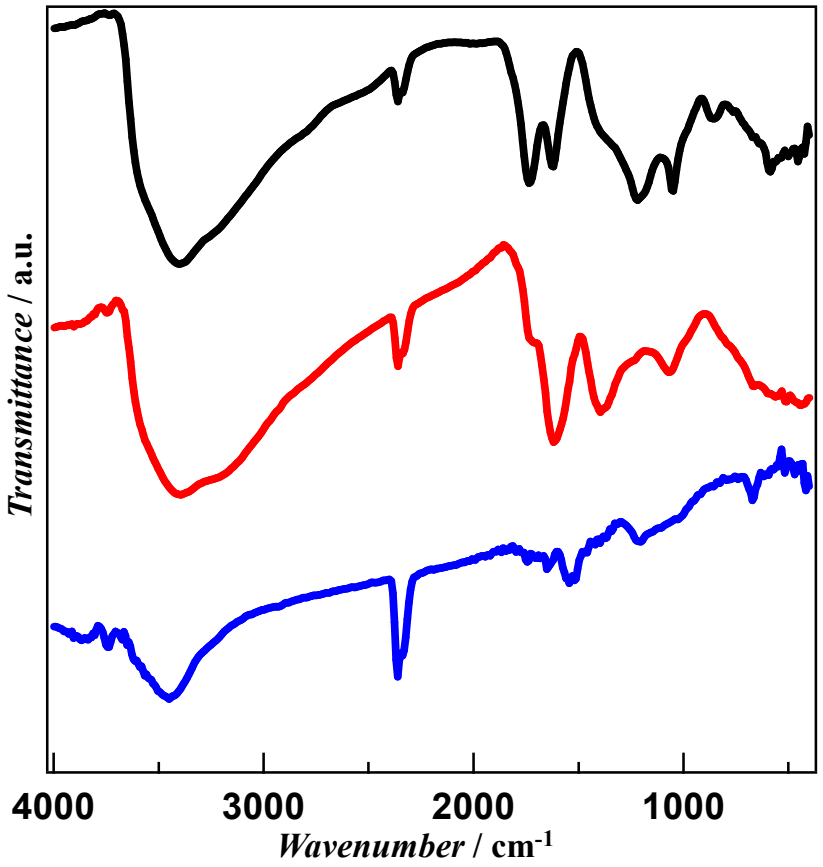

Figure S1. FT-IR spectra of GO (black), GO-Mn^{2+} complex (red) and rGO-Mn (blue).

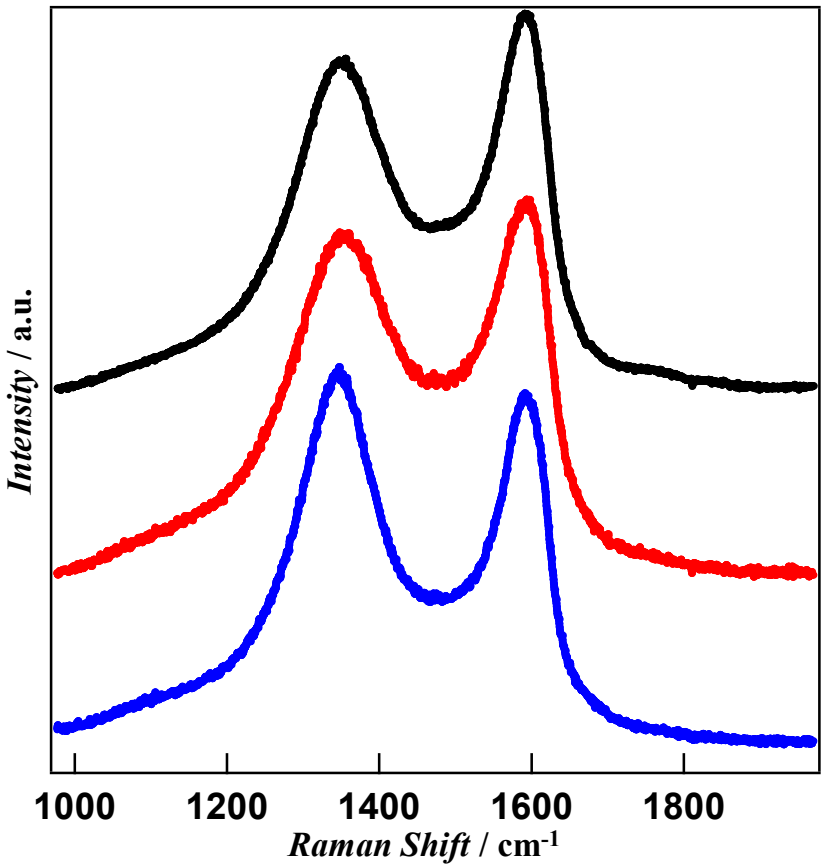

Figure S2. Raman spectra of GO (black), GO-Mn^{2+} complex (red) and rGO-Mn (blue).

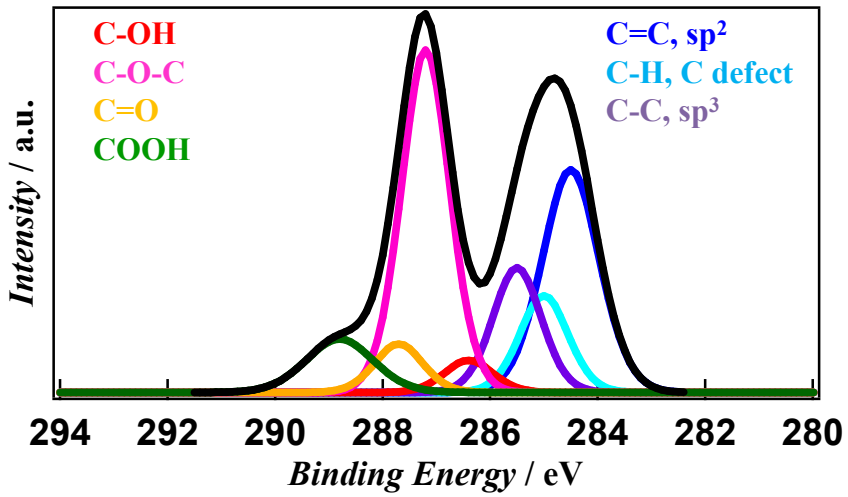

Figure S3. XPS spectrum of C1s for pristine GO. The deconvolution consisted of the sp^2 C=C (284.6 eV), C-H (285.0 eV), sp^3 C-C (285.5 eV), C-OH (286.4 eV), C-O-C (287.2 eV), C=O (287.7 eV), and COOH (288.8 eV) peaks.

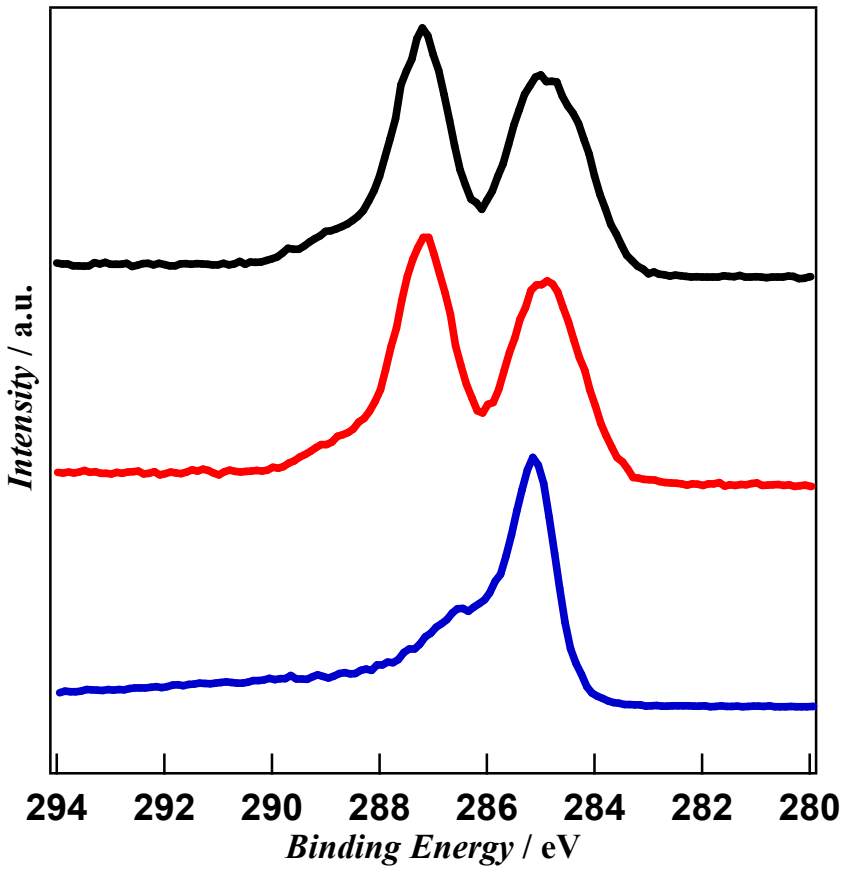

Figure S4. XPS spectra of C1s for GO (black), GO-Mn^{2+} complex (red) and rGO-Mn (blue).