

Electronic Supplementary Material (ESI) for RSC Advances

Electronic Supplementary Information

**Synthesis of Ag nanoparticles decorated MnO₂ / Sulfonated
Graphene Composites with 3D Macroporous Structure for High
Performance Capacitors Electrode Material**

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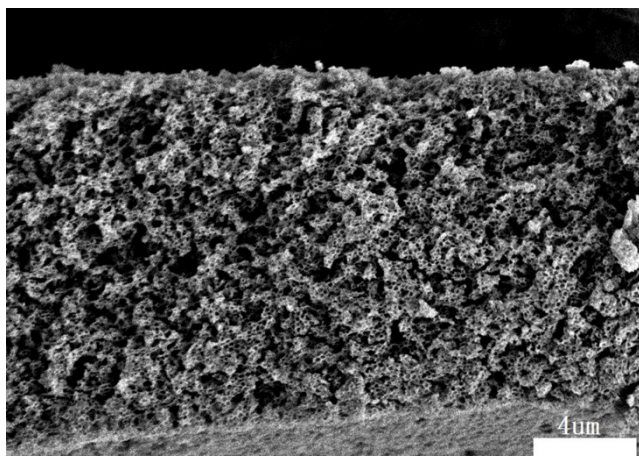


Fig.S1 Cross-sectional SEM images of the obtained 3D SG structure..

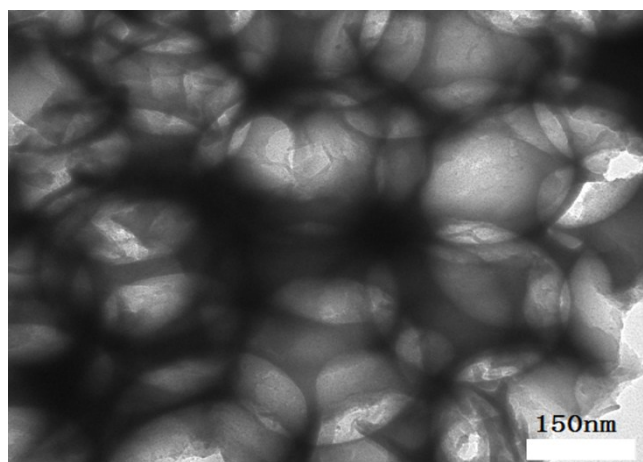


Fig.S2 The TEM image of the obtained 3D SG structure

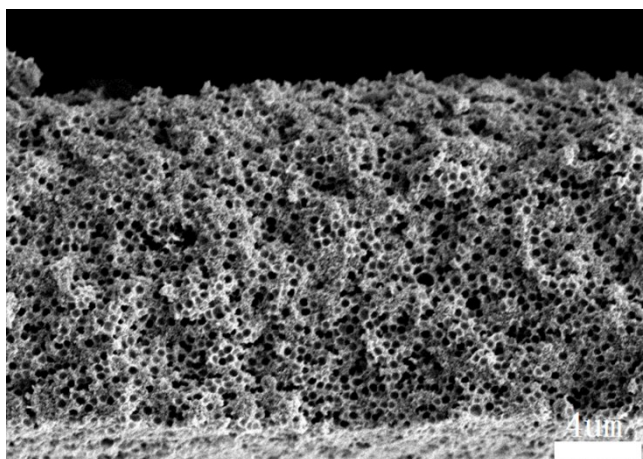


Fig. S3 Cross-sectional SEM images of the obtained 3D MnO₂/ SG structure.

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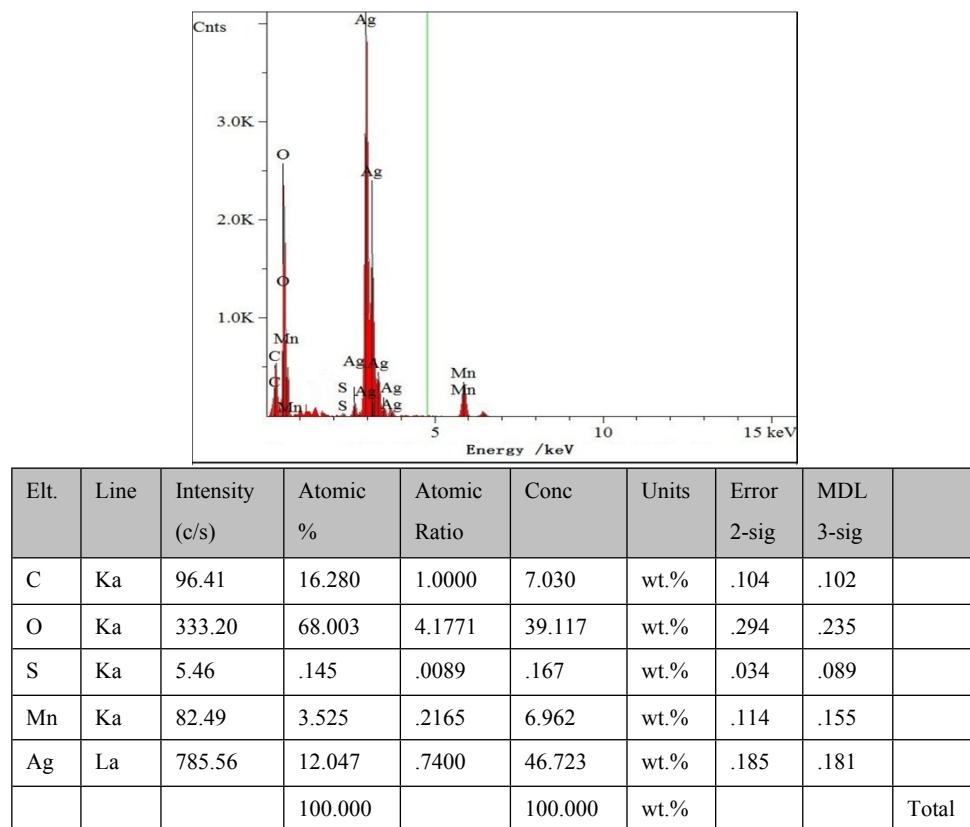


Fig. S4 Energy-dispersive X-ray spectroscopy (EDS) spectrum results of the 3D Ag-MnO₂/SG. The table below the figure is the analysis results of element content according to the EDS.

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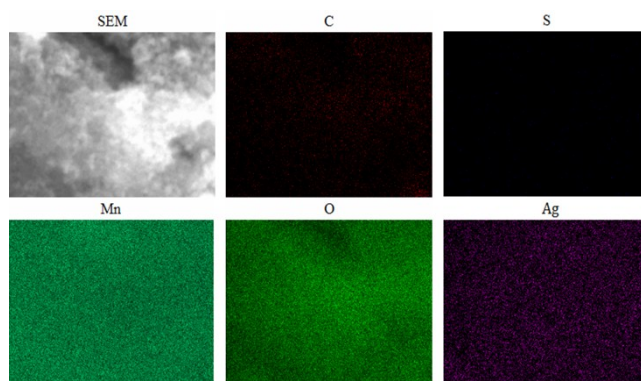


Fig. S5 The EDS elemental mapping of C, S, Mn, O and Ag for the 3D
Ag-MnO₂/ SG.