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Multi-growth site graphene/polyaniline composites with highly enhanced specific capacitance and rate capability for supercapacitor application

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## **Graphical Abstract**



3D MSG/PANI electrodes exhibit highly improved specific capacitance of 912 F  $g^{-1}$  (1 A  $g^{-1}$ ), and

rate capability of 86.4% (20 A  $g^{\text{-1}}$ ).

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