

Electrochemical synthesis of MnO₂ porous nanowires for flexible all-solid-state supercapacitor

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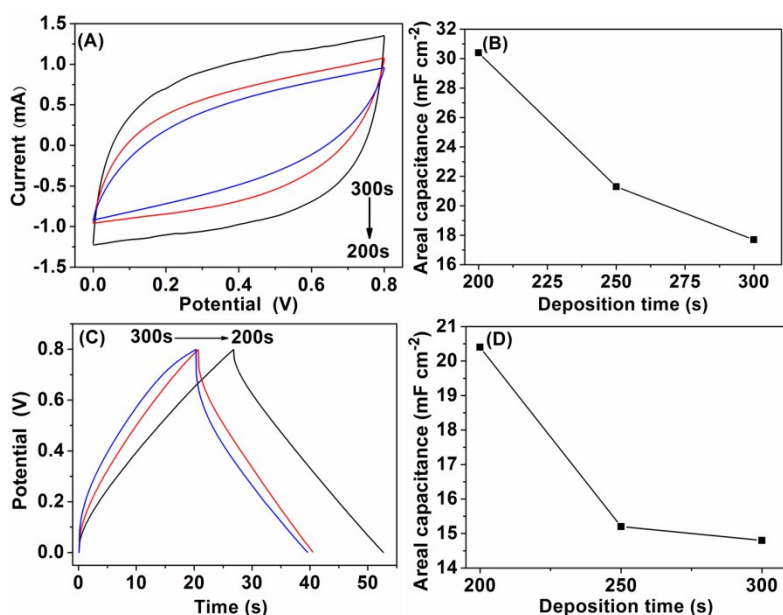


Fig.1. (A) Cyclic voltammetry curves of the PC-Au-MnO₂ at a scan rate of 100 mV s⁻¹ with different MnO₂ deposition time of 200, 250, and 300s, respectively. (B) Surface capacitances with respect to different deposition time of MnO₂ at a scan rate of 100 mV s⁻¹. (C) Galvanostatic charge-discharge curves of the PC-Au-MnO₂ at a current density of 0.6 mA cm⁻² with different MnO₂ deposition time of 200, 250, and 300s, respectively. (D) Surface capacitances with respect to different deposition time of MnO₂ at a current density of 0.6 mA cm⁻².