

## Fabrication of 3D bacterial cellulose intercalated MoS<sub>2</sub>@rGO nanocomposite for high performance supercapacitor

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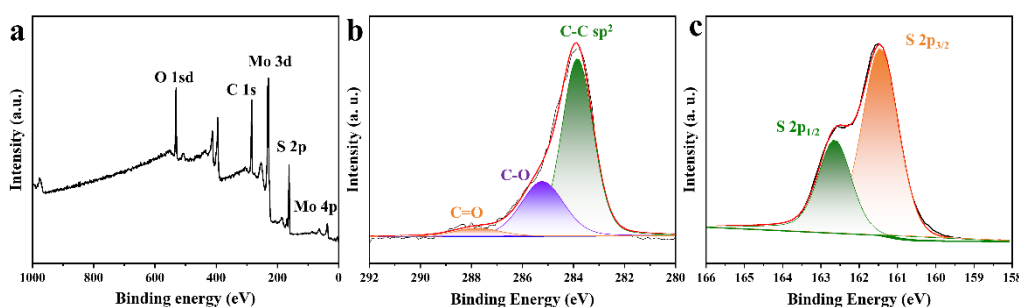


Figure S1. (a) XPS survey spectrum of MoS<sub>2</sub>@rGO@CF-2 and narrow XPS spectrum of (b) C 1s, (c) S 2p.

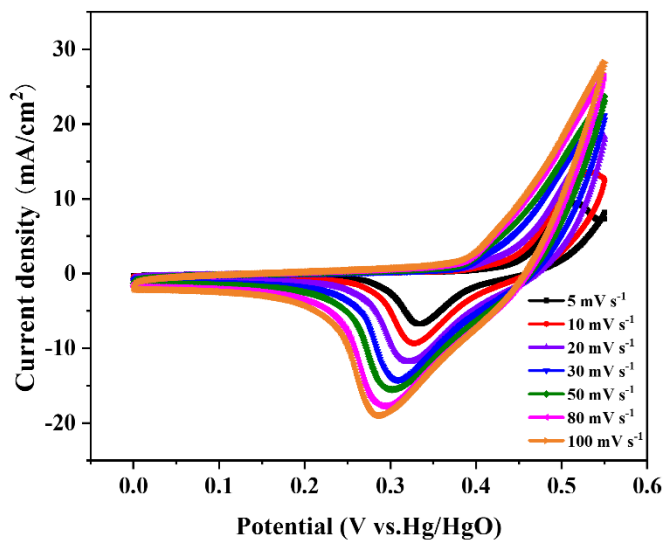


Figure S2. CV curves of MoS<sub>2</sub> at various scan rates.

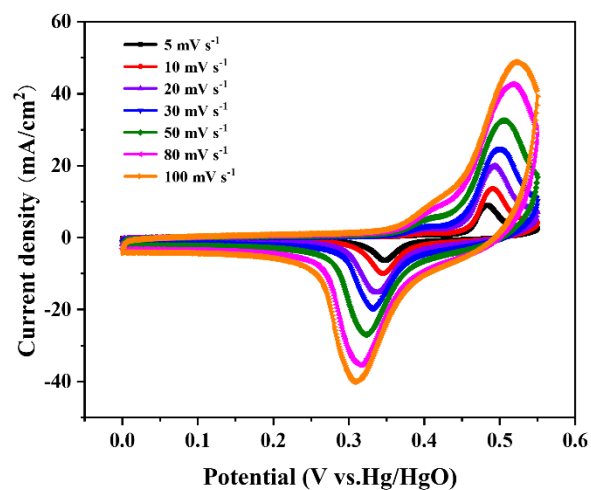


Figure S3. CV curves of MoS<sub>2</sub>@CF at various scan rates.

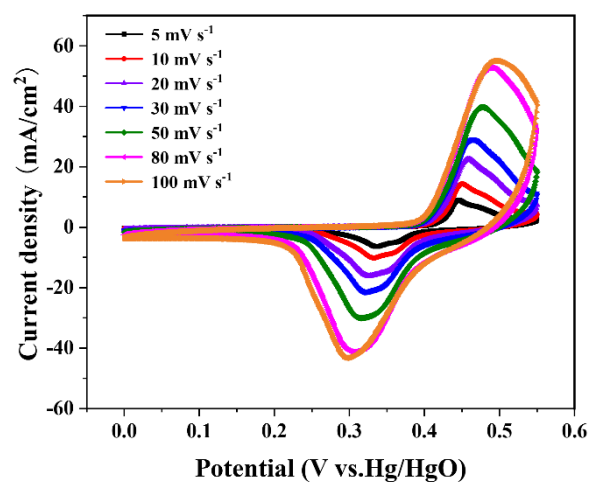


Figure S4. CV curves of MoS<sub>2</sub>@rGO at various scan rates.

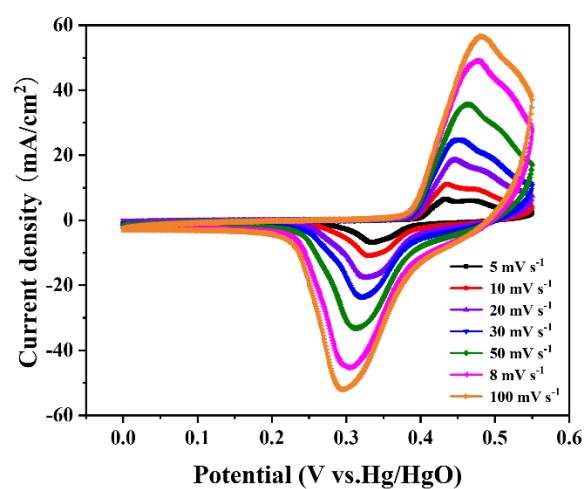


Figure S5. CV curves of MoS<sub>2</sub>@rGO@CF-1 at various scan rates.

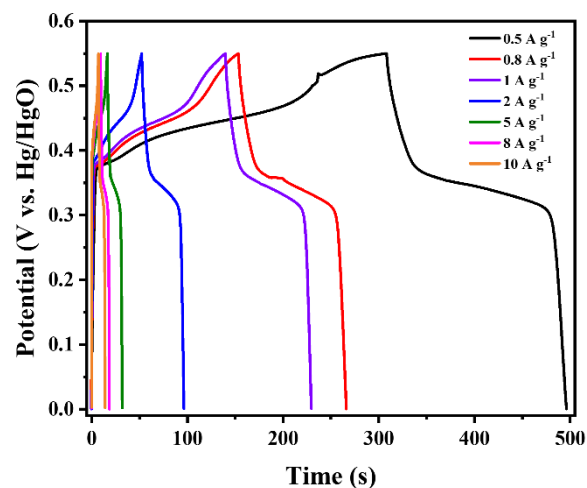


Figure S6. GCD curves of MoS<sub>2</sub> at various current densities.

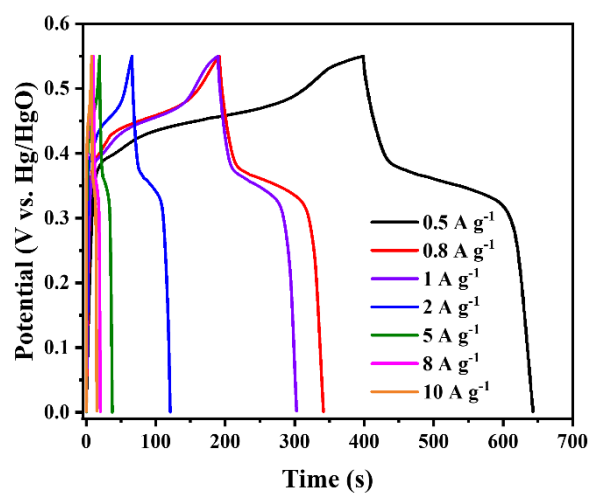


Figure S7. GCD curves of MoS<sub>2</sub>@CF at various current densities.

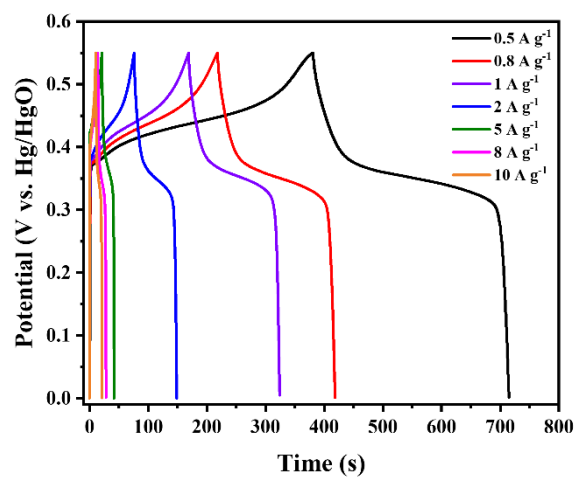


Figure S8. GCD curves of MoS<sub>2</sub>@rGO at various current densities.

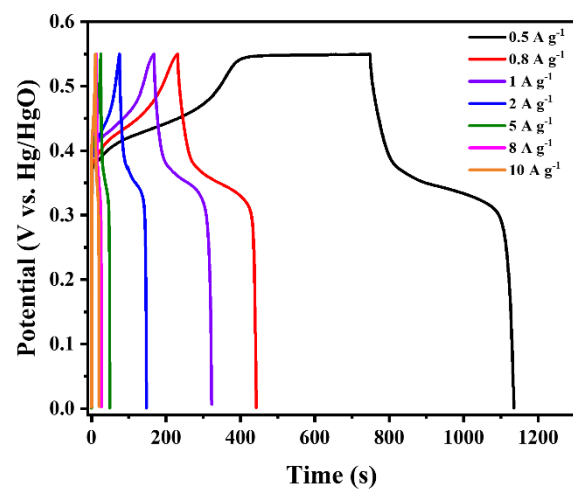


Figure S9. GCD curves of MoS<sub>2</sub>@rGO@CF-1 at various current densities.