

Supporting Information

Titanium nitride hollow spheres consisted by TiN nanosheets and its controllable carbon-nitrogen active sites as efficient electrocatalyst for oxygen reduction reaction

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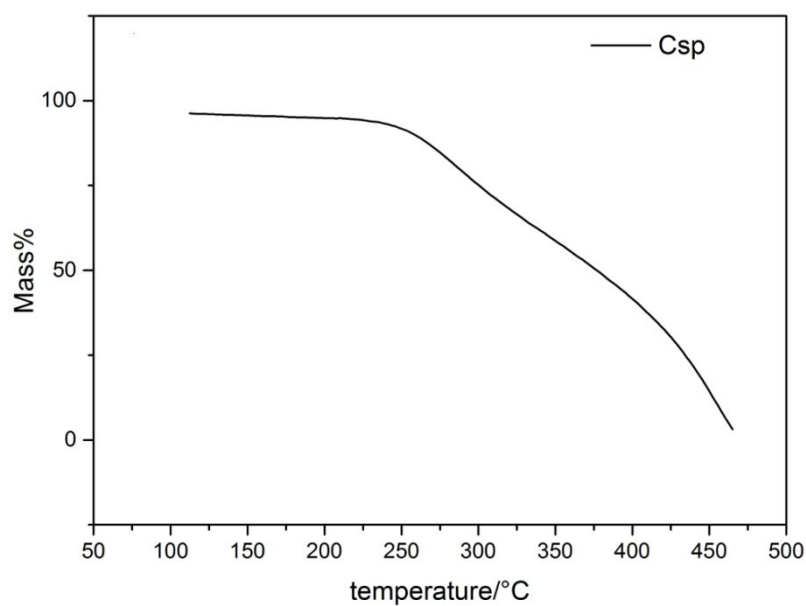


Figure S1 TG curve of carbon spheres.

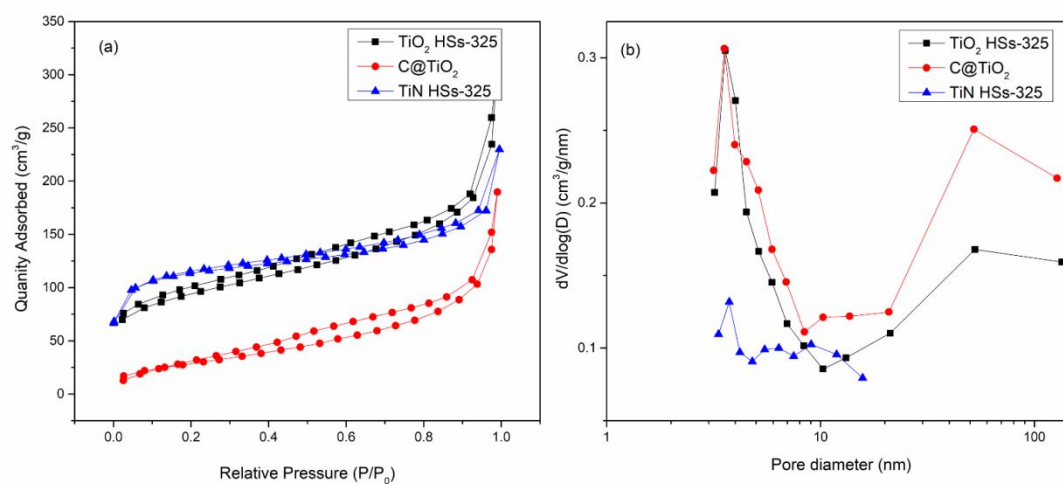


Figure S2 (a) Nitrogen adsorption-desorption isotherms and (b) corresponding pore size distributions of C@TiO₂ and TiO₂ HSs-325, and TiN HSs-325.

Table S1 BET data of C@TiO₂, TiO₂ HSs-325, and TiN HSs-325.

Sample	MSA (m ² g ⁻¹)	PSD (nm)
C@TiO ₂	107.9	3.85
TiO ₂ HSs-325	316.7	3.55
TiN HSs-325	358.3	3.74

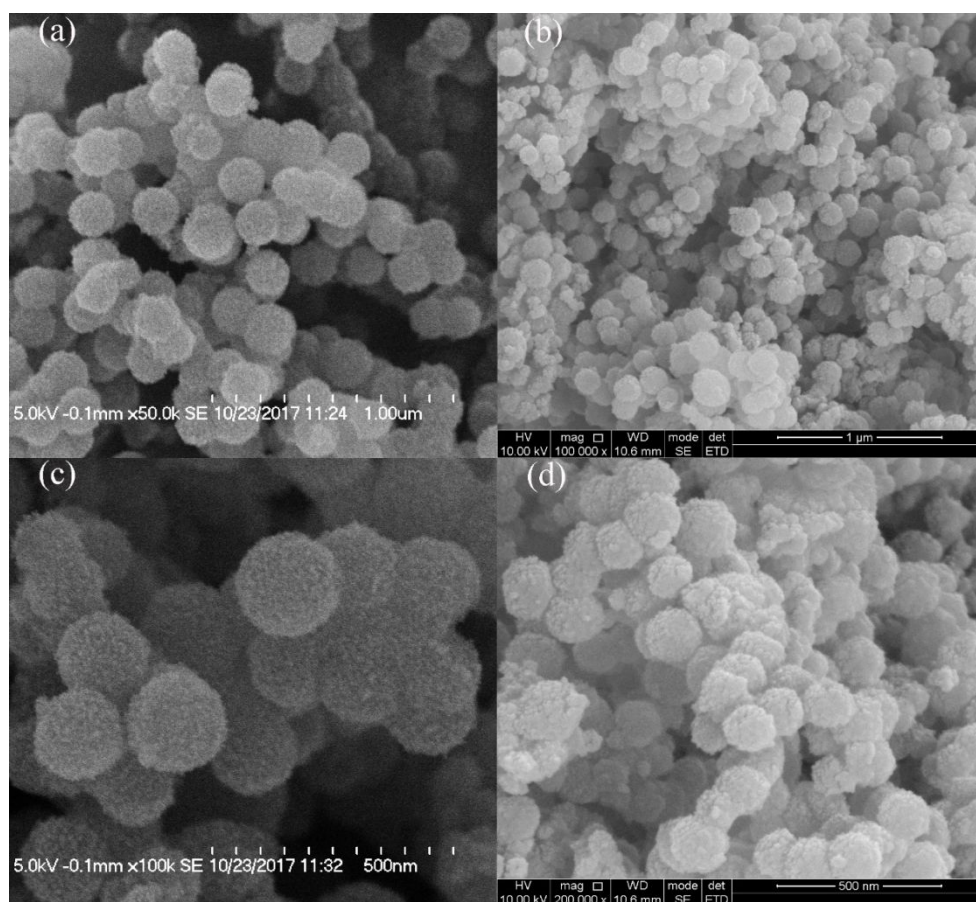


Figure S3 SEM images of C@TiO₂ (a and c) and TiO₂ HSS-325 (b and d).