

Supporting Information

Synthesis of hierarchical nanosheet-assembled V_2O_5 microflowers with high sensing properties towards amine

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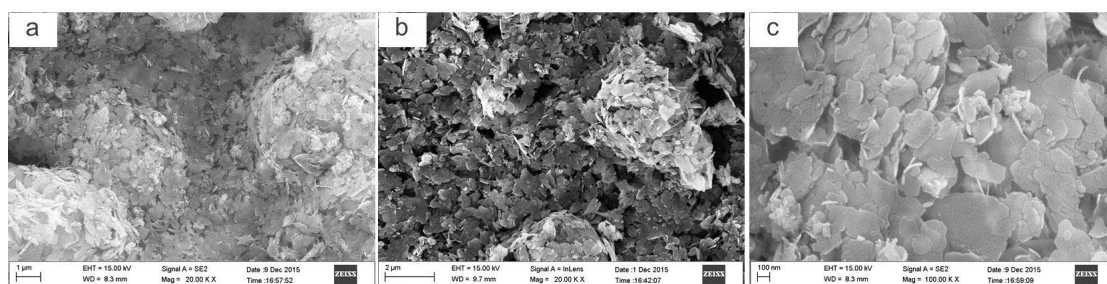


Figure S1 SEM images of the products obtained at various temperatures of (a) 220, (b) 260, and (c) 280.

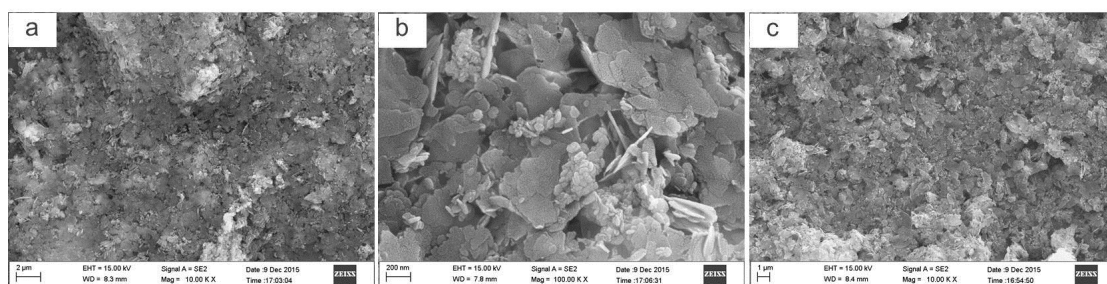


Figure S2 SEM images of the products obtained at various vanadium concentrations of (a) 0.75 mM, (b) 1.5mM, and (c) 3.0 mM.

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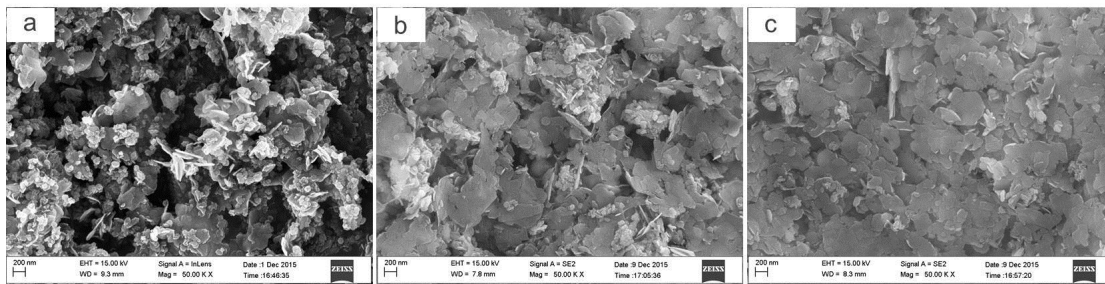


Figure S3 SEM images of the products obtained at various reaction time (a) 24h, (b) 36h, and (c) 48h.

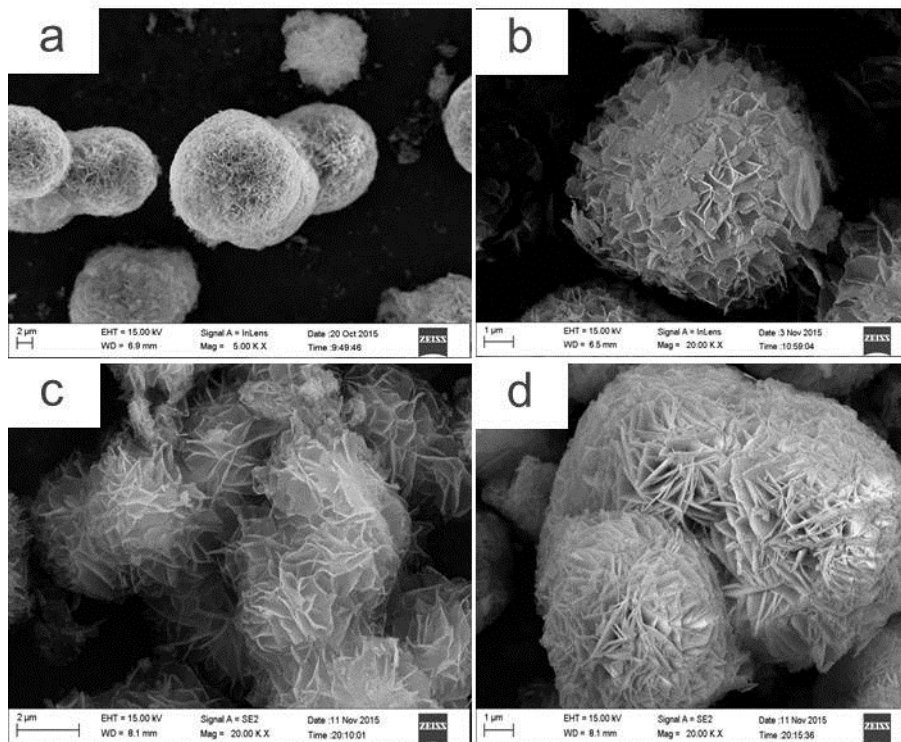


Figure S4 SEM images of the products obtained at the molar ratio of V to bicarbonate of (a) 1:1, (b) 1:2, (c) 1:3, (d) 1:4.

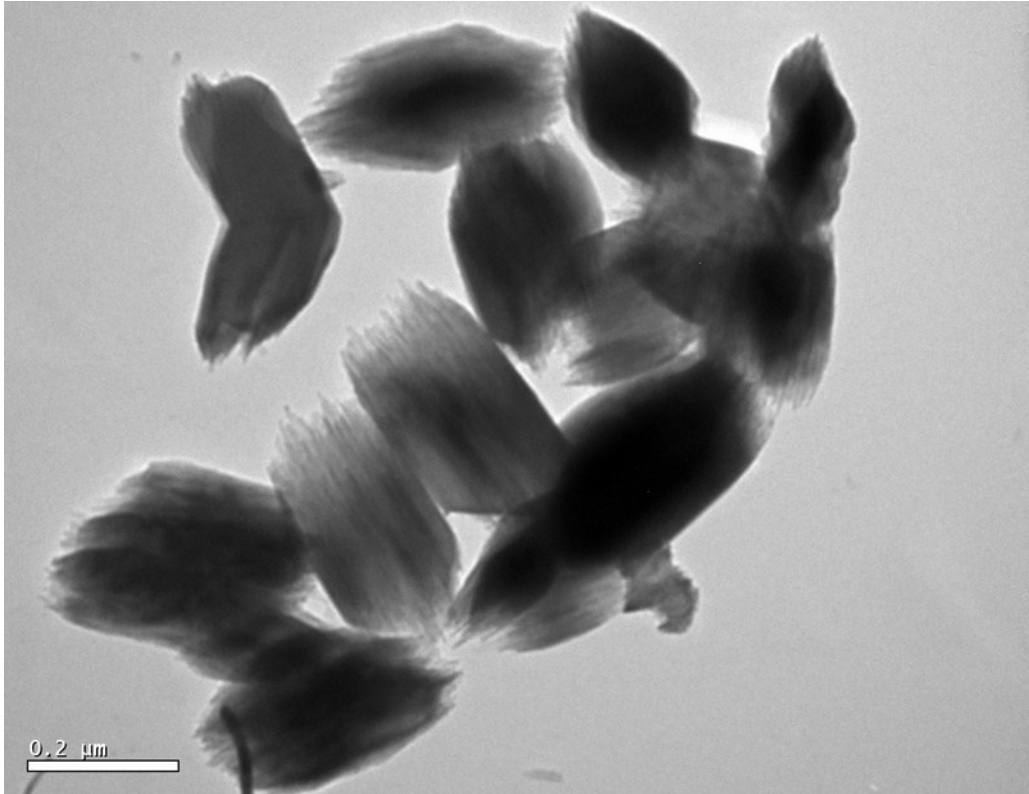


Figure S5 TEM image of the commercial V₂O₅ particles.