

Supporting Information

Coprecipitation synthesis and negative thermal expansion of NbVO₅

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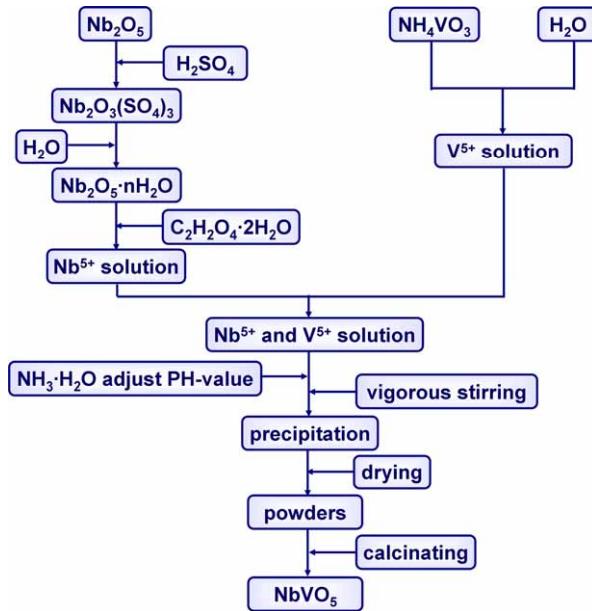


Fig.S1 Coprecipitation synthesis route of NbVO_5

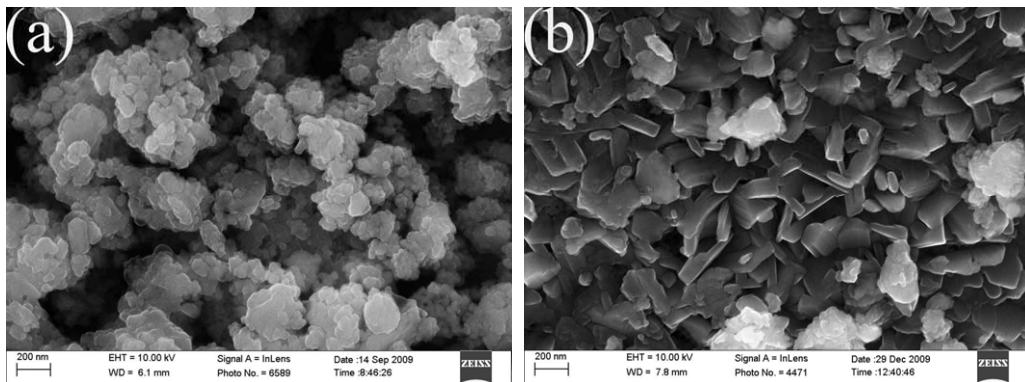


Fig.S2 FE-SEM images of NbVO_5 sintered at 550°C for (a) 2 h and (b) 10 h.

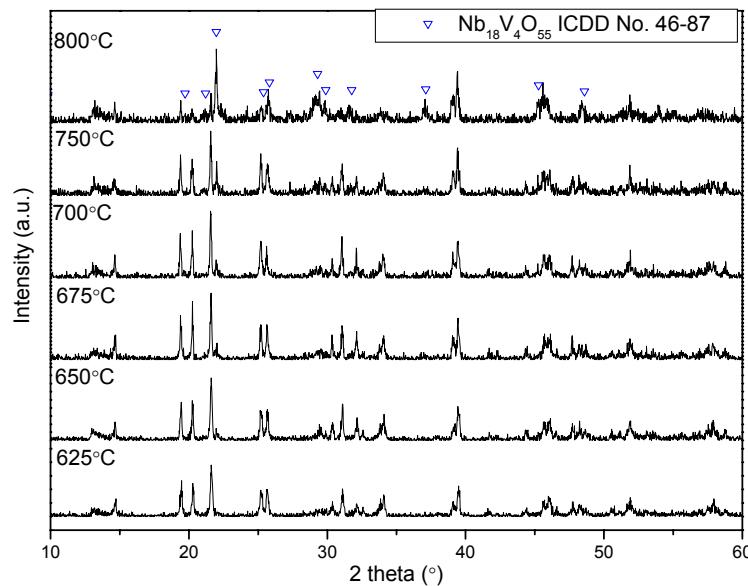


Fig.S3(a) HTXRD profiles in-situ measurements at selected temperatures

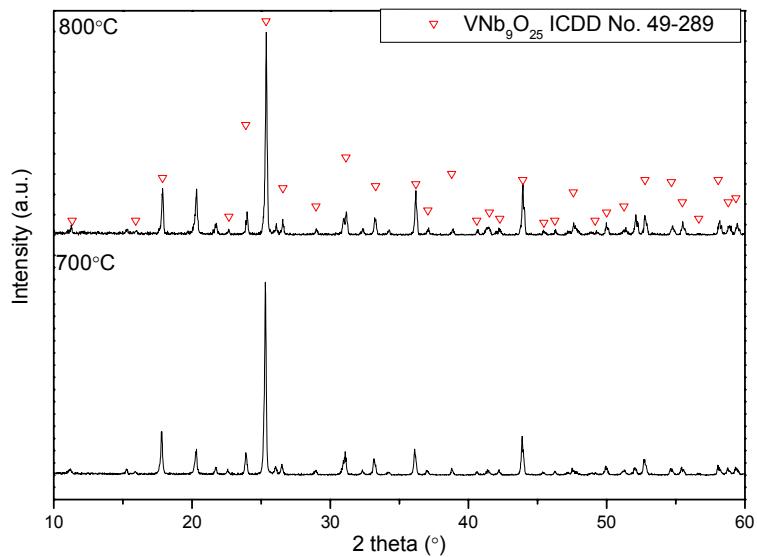


Fig.S3 (b) XRD profiles of products derived from NbVO₅ fired at 700°C and 800°C

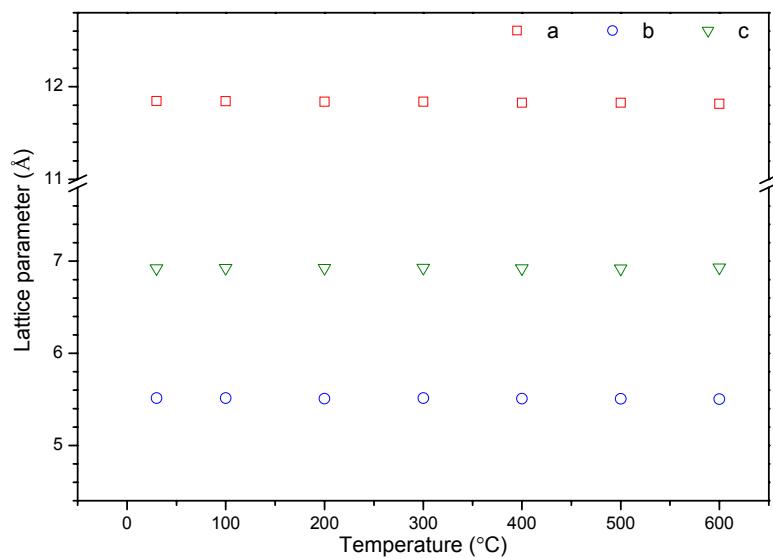


Fig.S4 Cell edges changes of orthorhombic NbVO₅ with temperature