

Article title: Hierarchically porous Nb-TiO₂ nanomaterials for the catalytic transformation of 2-propanol and *n*-butanol.

Authors: M. Franco Finol, J. Rooke, P. Carniti, A. Gervasini, J.-M. Giraudon, B.-L. Su, and J.-F. Lamonier*

Journal: New Journal of Chemistry

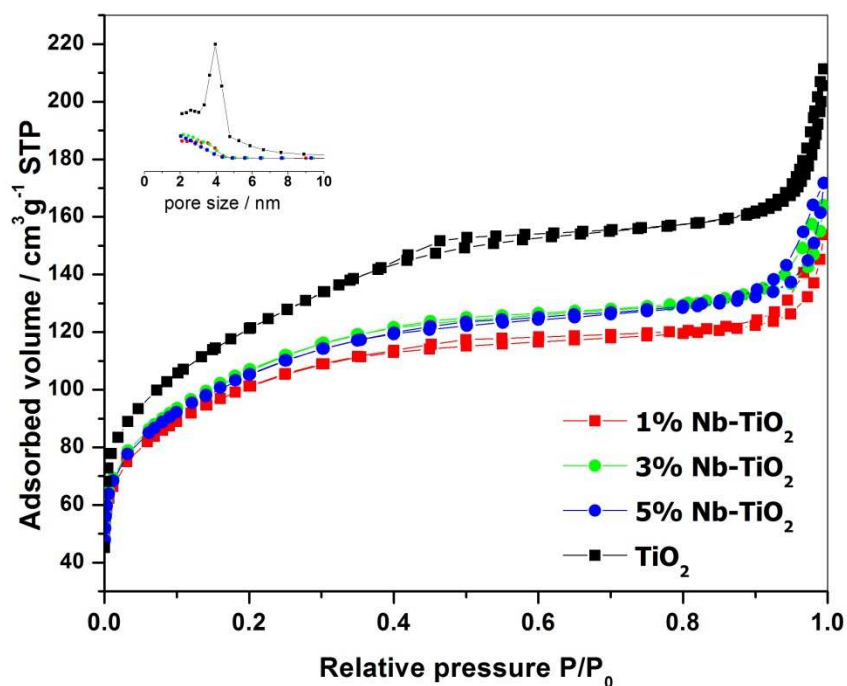


Fig. S1. N₂ adsorption isotherms for uncalcined x%Nb-TiO₂ hierarchical materials.

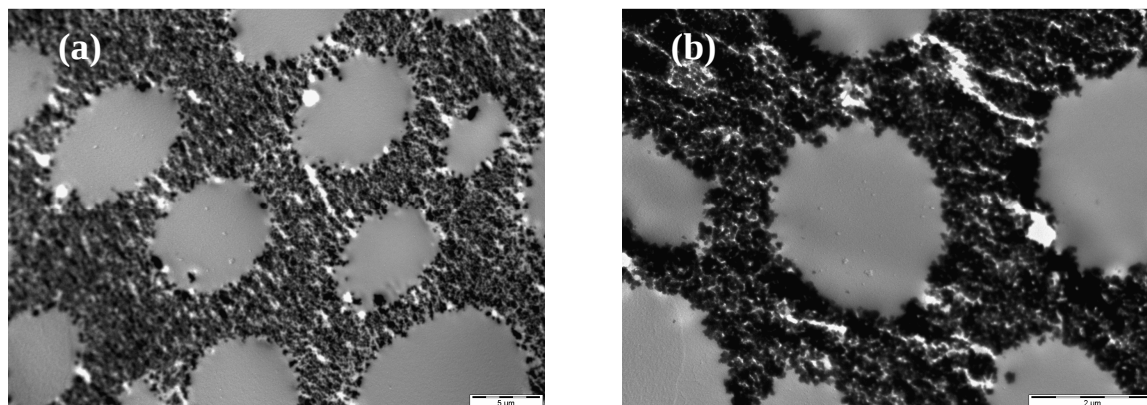


Fig. S2. Transmission electron microscopy cross-section images of hierarchically porous Nb-TiO₂ materials before calcination (a) 1%Nb-TiO₂ and (b) 5%Nb-TiO₂

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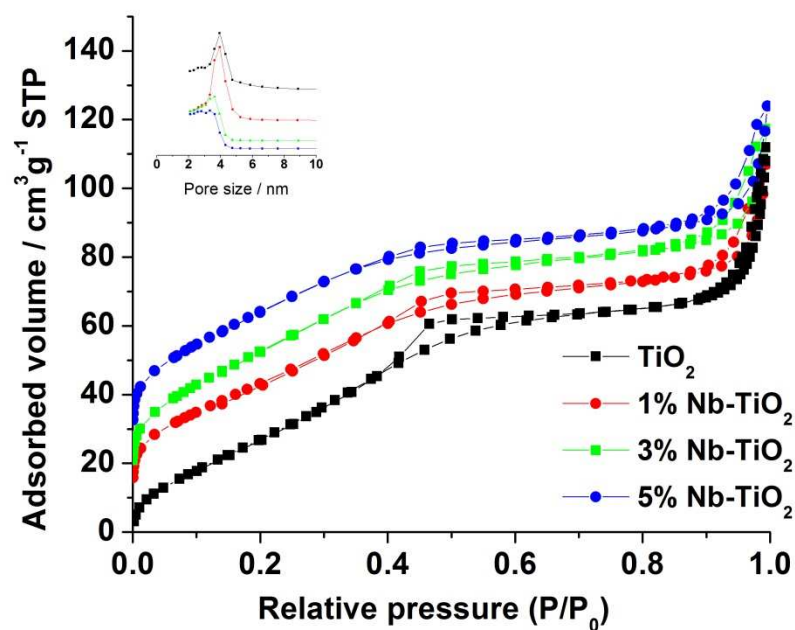


Fig. S3. N₂ adsorption isotherms for calcined x%Nb-TiO₂ hierarchical materials.

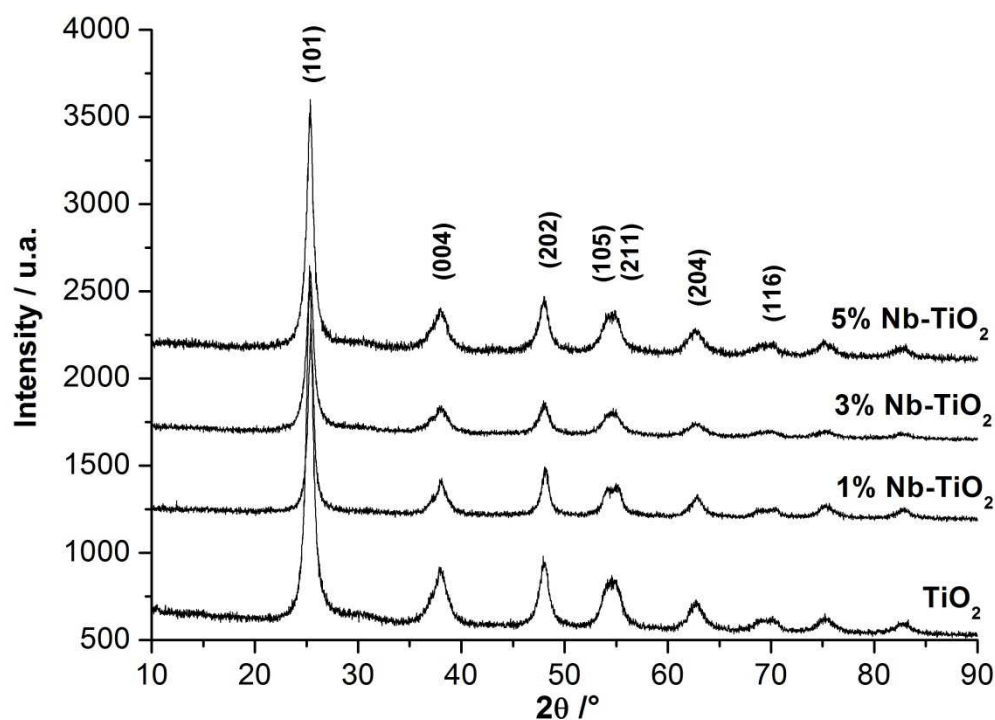


Fig. S4. Powder XRD patterns for calcined x%Nb-TiO₂ hierarchical materials

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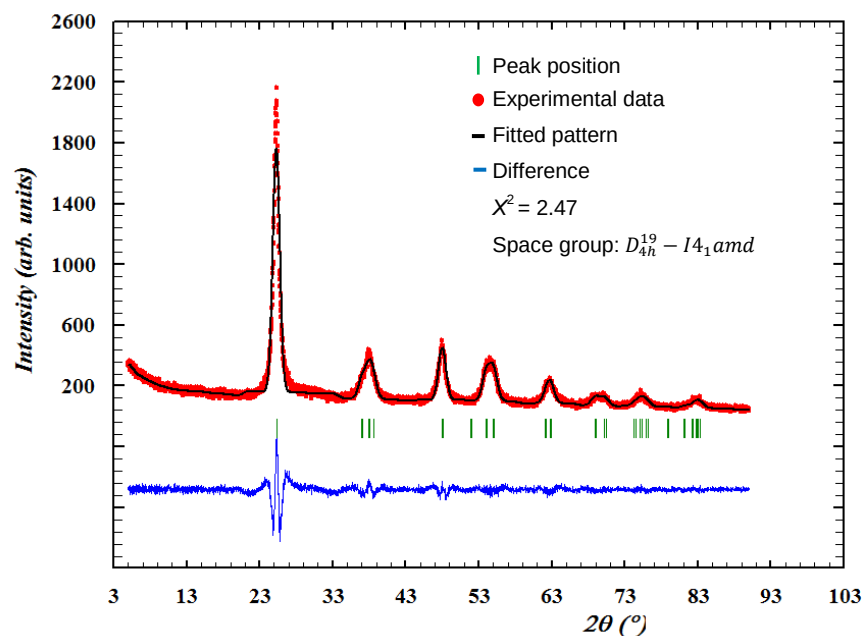


Fig. S5. Rietveld refinement graph for calcined 5%Nb-TiO₂ hierarchical materials

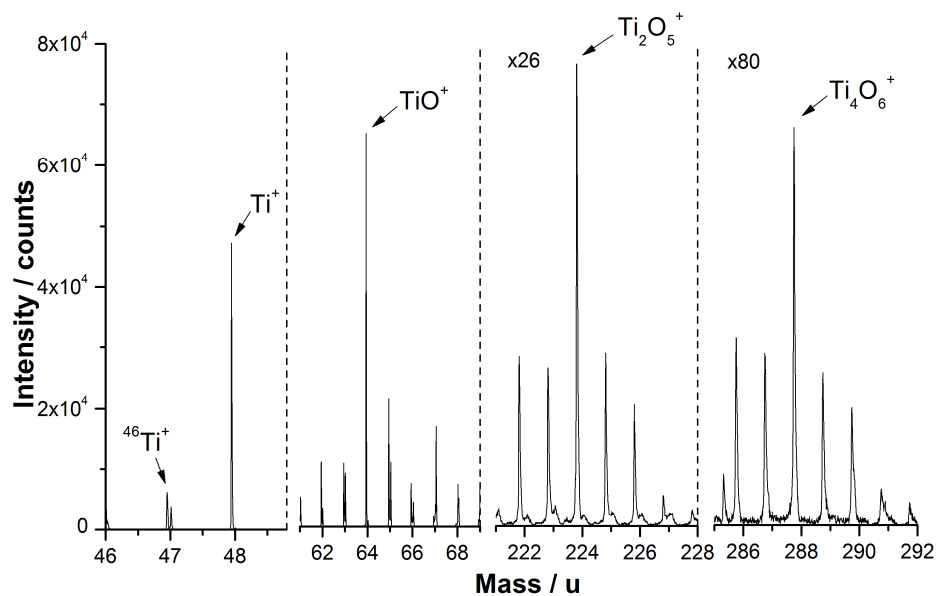


Fig. S6. ToF-SIMS spectra obtained of calcined 5%Nb-TiO₂ hierarchical material.

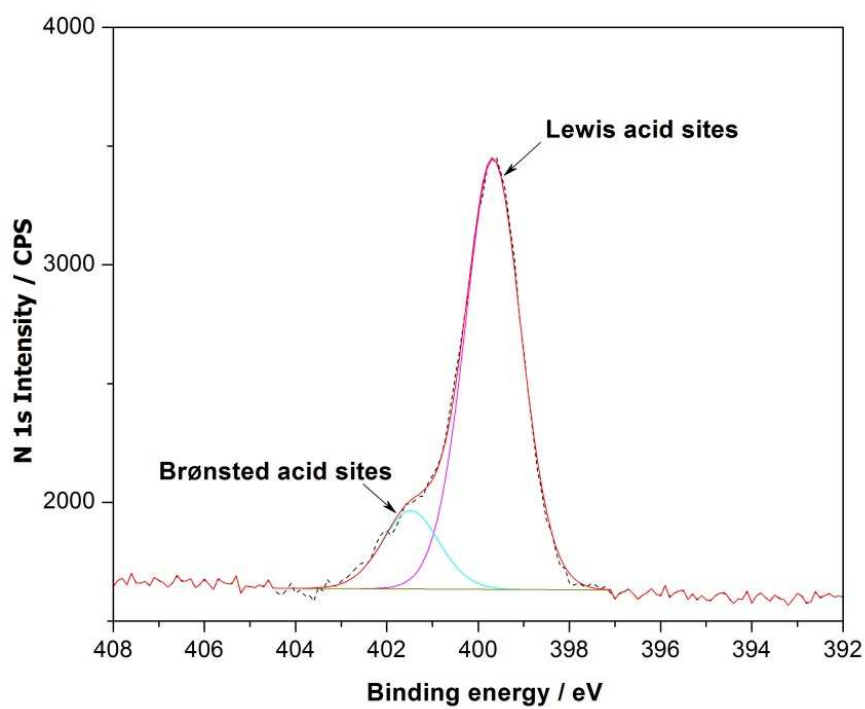


Fig. S7. XPS spectrum and deconvolution of N 1s photopeak of calcined 3%Nb-TiO₂ hierarchical material.