

Electronic Supplementary Information

Temperature-programmed nitridation of monodispersed VO_x nanoparticles into nanocrystalline superconducting oxygen-doped vanadium nitride

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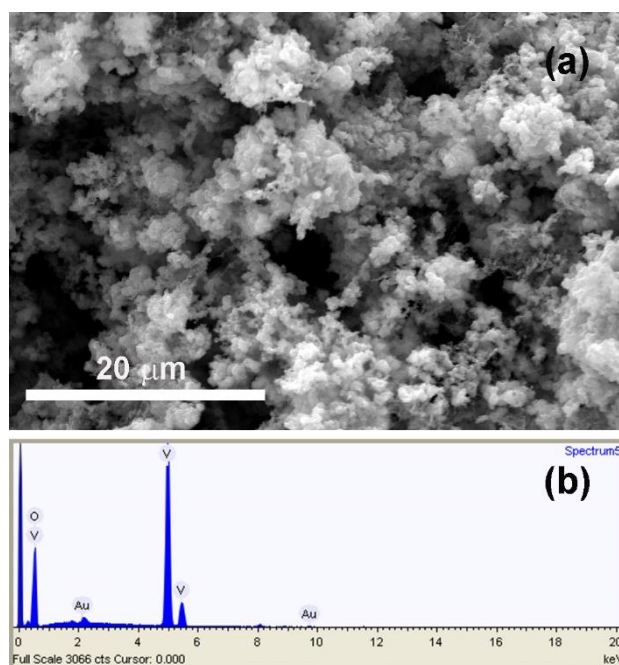


Fig. S1 (a) SEM and (b) EDX of as-obtained VO_x.

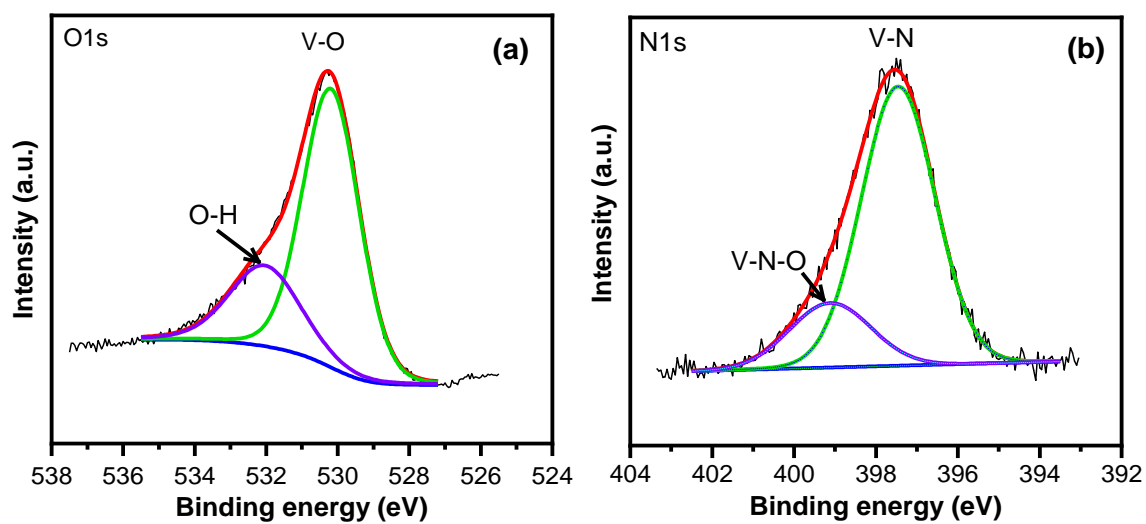


Fig. S2 High-resolution XPS spectra of VN nanocrystals for (a) O (1s) and (b) N (1s).

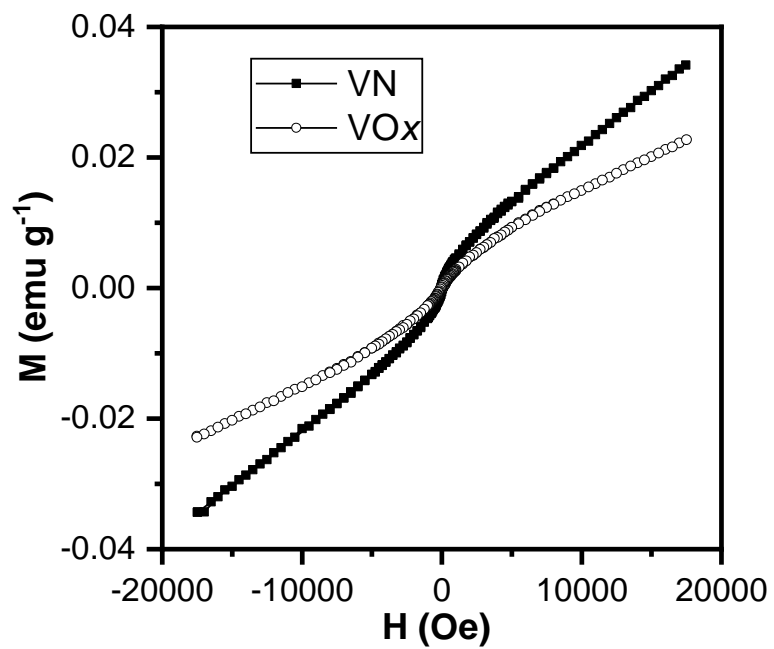


Fig. S3 Magnetization versus magnetic field (M-H) curves of VO_x and VN at room temperature.