

Supporting information

Self-Catalytic Synthesis of Hierarchical VN/C Superconducting Nanocomposites

Wei-Tang Yao, Min-Rui Gao, Shu-Hong Yu*, Jun-Feng Ding, Xiao-Guang Li



Fig. S1 The photographs of the nanocomposites prepared with different precursor molar ratios showing brilliant metal color.

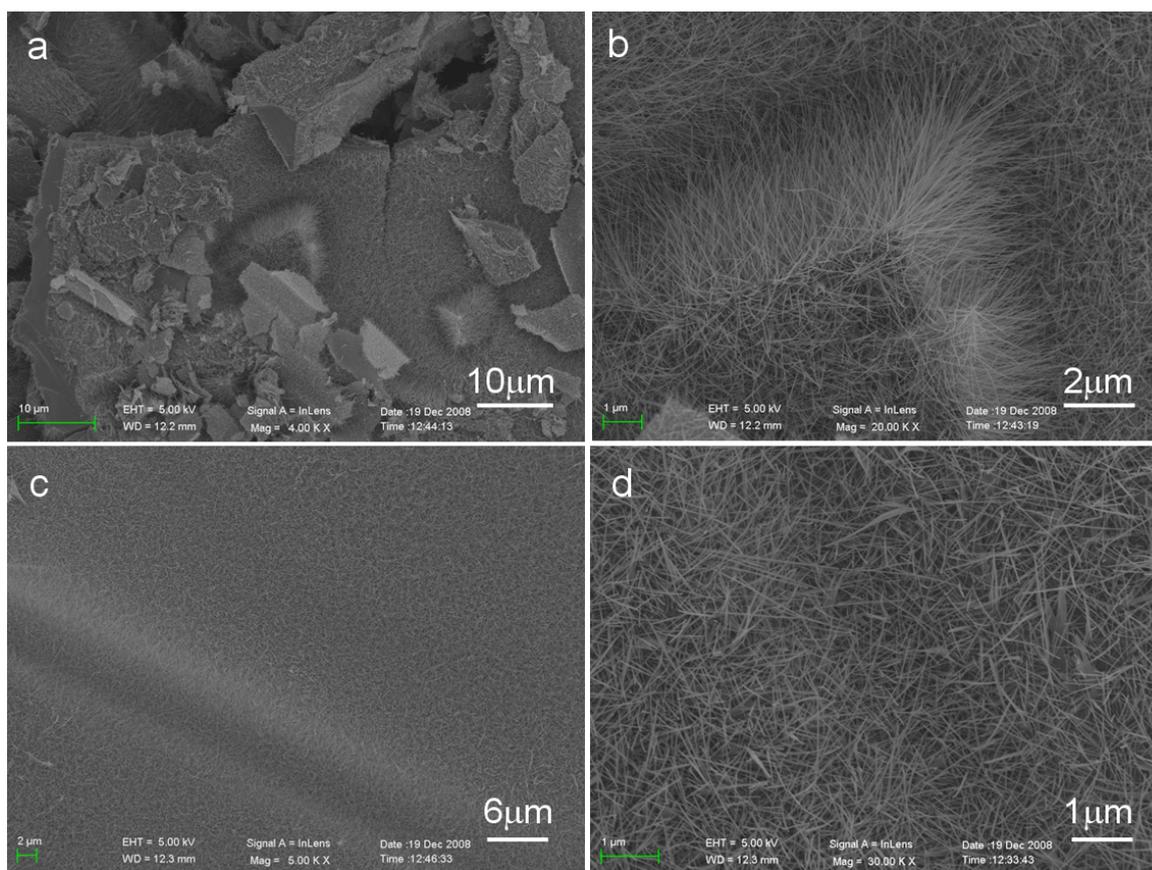
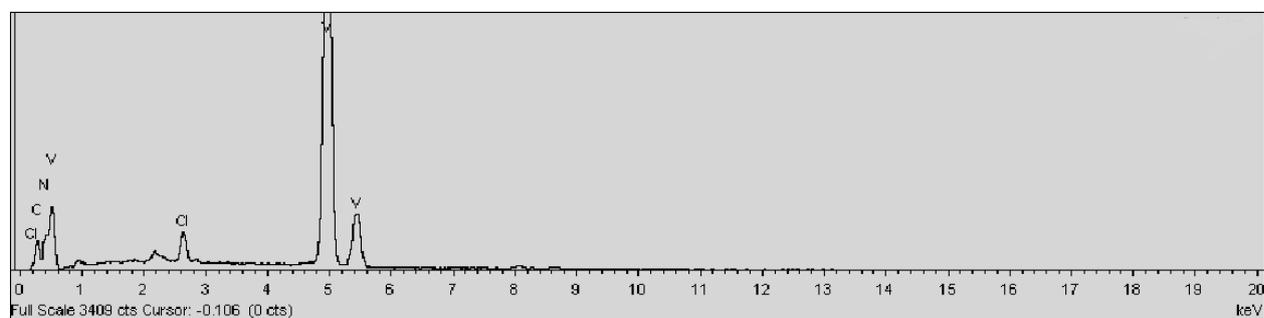


Fig. S2 SEM images of the self-support VN/C nanocomposite prepared with the precursor molar ratio $R = 3$.



Element	Weight%	Atomic%
C K	15.65	33.23
N K	18.29	33.30
Cl K	1.81	1.30
V K	64.25	32.16
Totals	100.00	

Fig. S3 EDX spectrum (up) and different elemental content (down table) of the nanocomposite prepared with the precursor molar ratio $R = 3$.

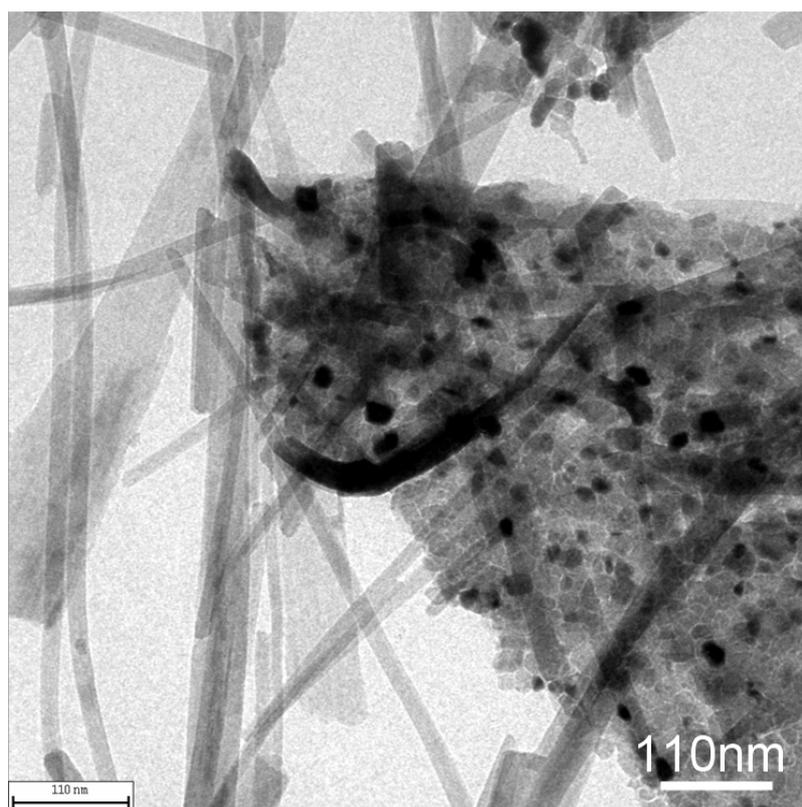


Fig. S4 TEM image of vanadium-urea derived sample prepared with urea/metal precursor molar ratio of $R = 3$.