

Supporting information

Phase and shape controlled VO₂ nanostructures by antimony doping

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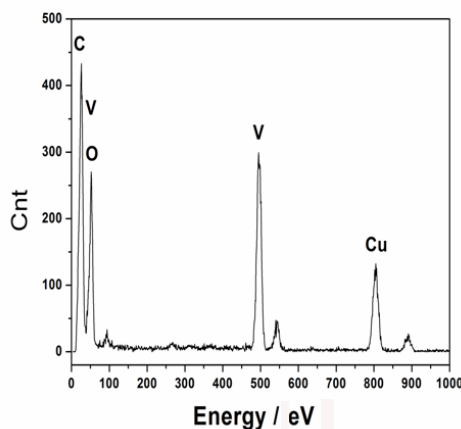


Figure S1 The EDS pattern taken from powders prepared by the hydrothermal treatment below 240 °C.

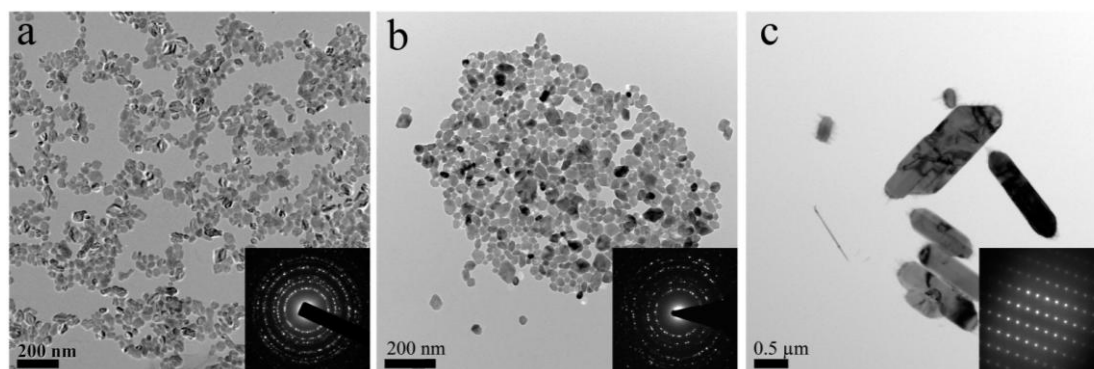


Figure S2 TEM images (inset, the SAED pattern) of the VO_2 powders prepared by the hydrothermal treatment at 260 °C for 12 h with 3% dopants of: a) Ti^{3+} , b) Bi^{3+} , and c) Sb^{5+} .

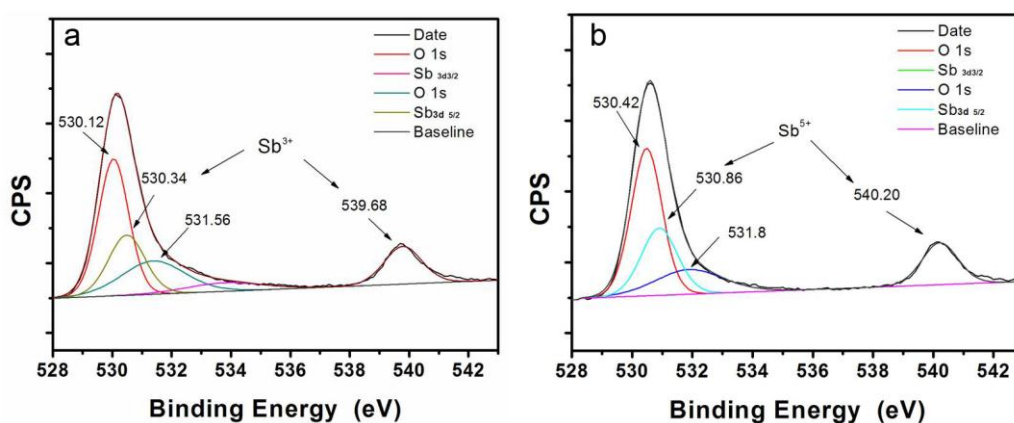


Figure S3. XPS pattern of the VO_2 powders prepared by adding different oxidation states of the Sb: a) Sb_2O_3 b) Sb_2O_5 .