

Supplementary information:

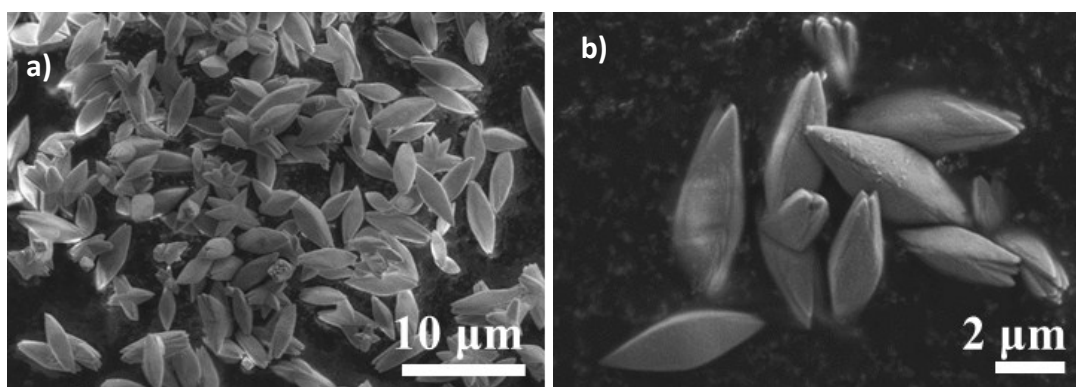


Figure. SI: SEM images of SrWO_4 spindles obtained by a co-precipitation process at room temperature at $\text{pH} = 13$. $[\text{Sr}^{2+}] = [\text{WO}_4^{2-}] = 0.01\text{M}$. $t = 1\text{h}$.

Table 4: Values of the real part of the impedance of each sample at different temperature.

	Z' (Ohm)				
SrWO_4 shape	Spindles		Spheres		
Current mode →	DC	AC	DC	AC_C1	AC_C2
Temperature (°C) ↓					
300	$9.03 \cdot 10^9$	$9.63 \cdot 10^9$	$1.51 \cdot 10^{10}$	$1.21 \cdot 10^{10}$	-
350	$8.66 \cdot 10^8$	$9.60 \cdot 10^7$	$2.33 \cdot 10^9$	$2.13 \cdot 10^9$	-
400	$9.84 \cdot 10^7$	$9.84 \cdot 10^7$	$2.32 \cdot 10^8$	$2.82 \cdot 10^8$	-
450	$3.17 \cdot 10^7$	$2.17 \cdot 10^7$	$2.30 \cdot 10^7$	$1.70 \cdot 10^7$	$2.30 \cdot 10^7$
500	$3.68 \cdot 10^6$	$3.68 \cdot 10^6$	$7.26 \cdot 10^6$	$3.86 \cdot 10^6$	$4.76 \cdot 10^6$
550	$2.22 \cdot 10^6$	$1.22 \cdot 10^6$	$3.91 \cdot 10^6$	$1.01 \cdot 10^6$	$1.21 \cdot 10^6$
600	507400	507400	1932700	732700	632700
650	221700	221700	889300	239300	209300
700	131500	131500	797400	110400	110400
750	81380	81380	457280	50280	57280
800	53470	53470	289100	35100	49100