

Supplementary

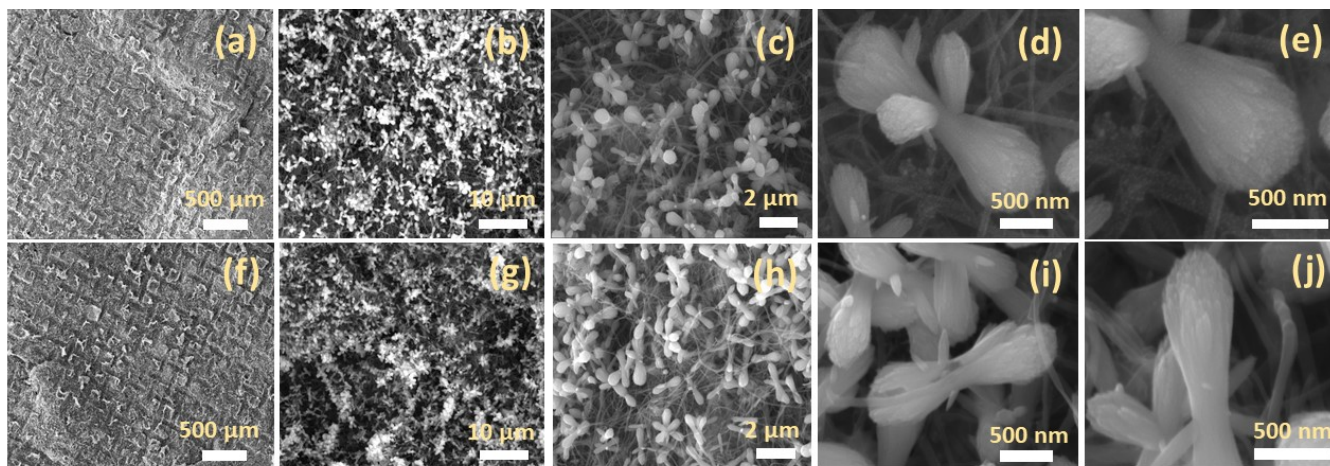


Fig. 1 FESEM morphology of samples with different magnifications. (a-e) represent the FESEM images of $\text{TiO}_2\text{_{nsw6a}}$ samples. (f-j) represent the FESEM images of $\text{TiO}_2\text{_{nswa}}$ samples.

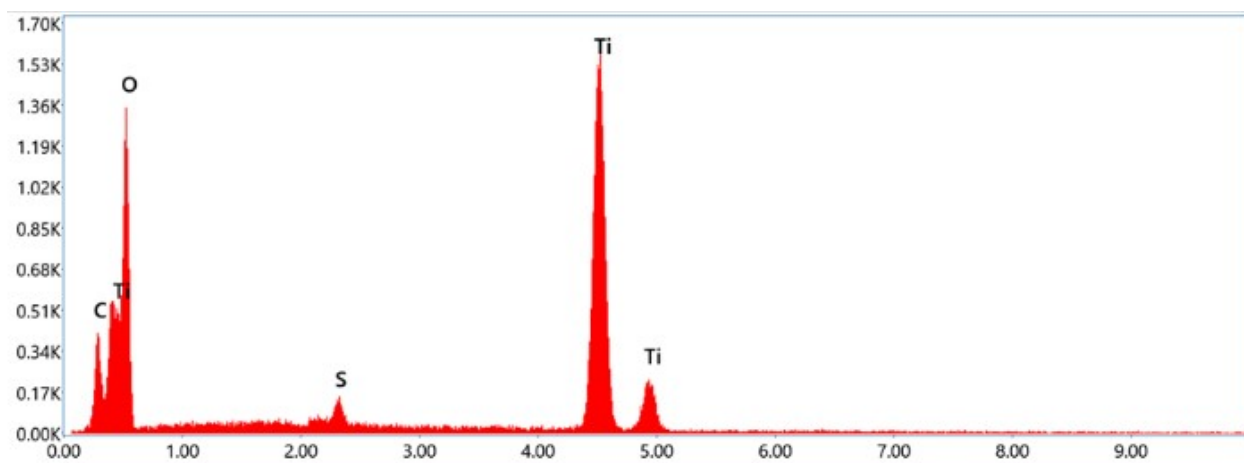


Fig. 2 EDAX of $\text{TiO}_2\text{_{nsw6a}}$ samples.

Table 1:

The elemental composition of $\text{TiO}_2\text{_{nsw6a}}$ observed using EDAX, is given in Table 1

Element	Weight %	Atomic %
C K	17.55	30.15
O K	39.69	51.18
S K	1.12	0.72
Ti K	41.63	17.94

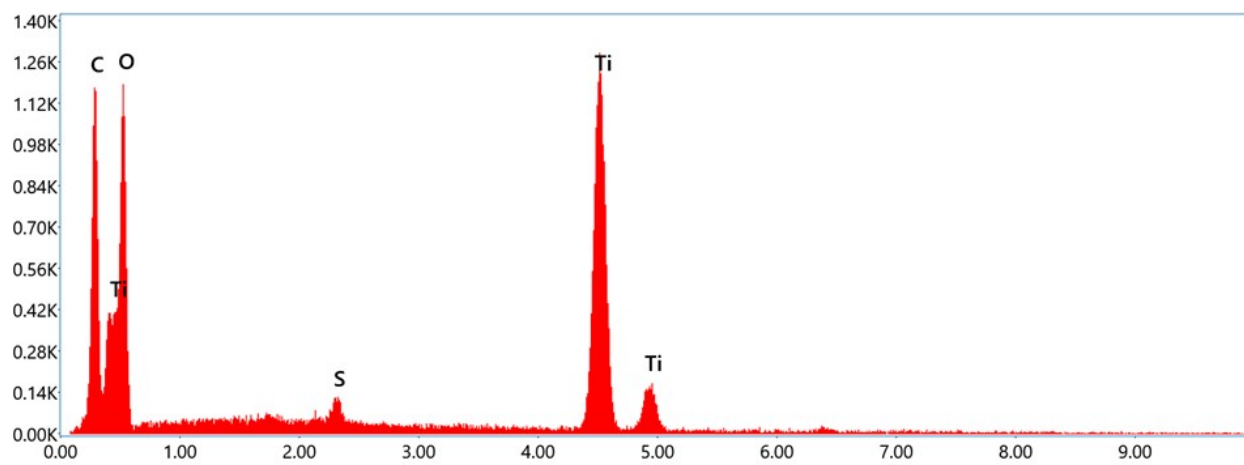


Fig. 3 EDAX of TiO₂_nswa samples.

Table 2:

The elemental composition of TiO₂_nswa observed using EDAX, is given in Table 2.

Element	Weight %	Atomic %
C K	38.71	55.42
O K	31.35	33.69
S K	0.80	0.43
Ti K	29.14	10.46