

Tubular Nanostructures of $\text{Cr}_2\text{Te}_4\text{O}_{11}$ and Mn_2TeO_6 through Room Temperature Chemical Transformations of Tellurium Nanowires

T. S. Sreeprasad and T. Pradeep*

*DST Unit of Nanoscience, Department of Chemistry, Indian Institute of Technology Madras,
Chennai-600 036, India*

*Email: pradeep@iitm.ac.in; Fax: 91-44-2257-0545/ 0509

Figure S1. EDAX spectrum and elemental maps of after 5 days of reaction between Te NW and CrO_3

Figure S2. EDAX spectrum and elemental maps of after 10 days of reaction between Te NW and CrO_3

Figure S3. EDAX spectrum and elemental maps of after 14 days of reaction between Te NW and CrO_3

Figure S4. EDAX spectrum and elemental maps of after 3 days of reaction between Te NW and KMnO_4

Figure S5. EDAX spectrum and elemental maps of after 5 days of reaction between Te NW and KMnO_4

Figure S6. EDAX spectrum and elemental maps of after 10 days of reaction between Te NW and KMnO_4

Figure S7. Time dependent UV/Vis spectra of reaction at lower concentration of CrO_3 and KMnO_4

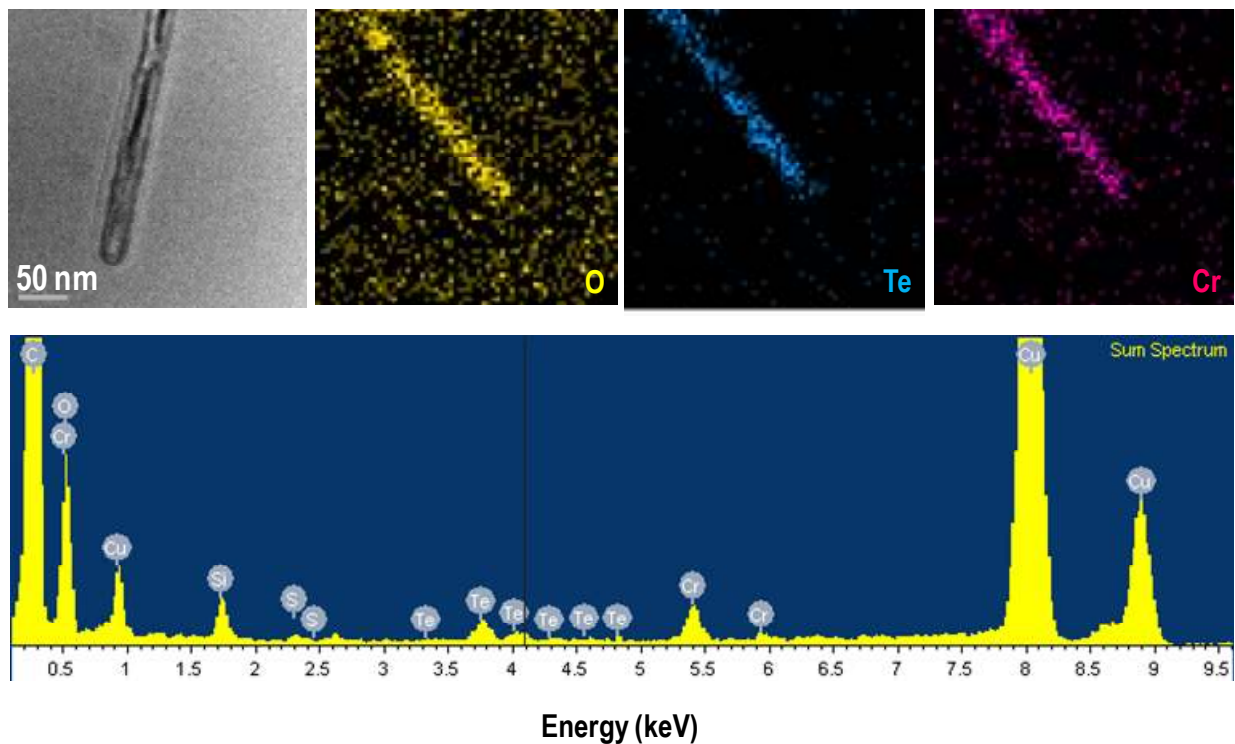


Figure S1. EDAX spectrum and elemental maps of the sample after 5 days of reaction between Te NWs and CrO_3 .

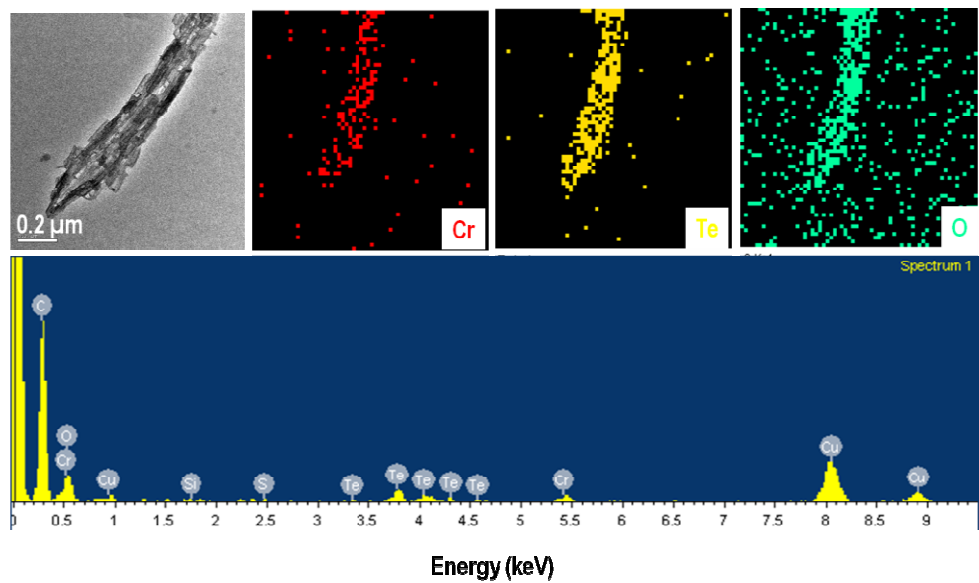


Figure S2. EDAX spectrum and elemental maps of the sample after 10 days of reaction between Te NWs and CrO_3 .

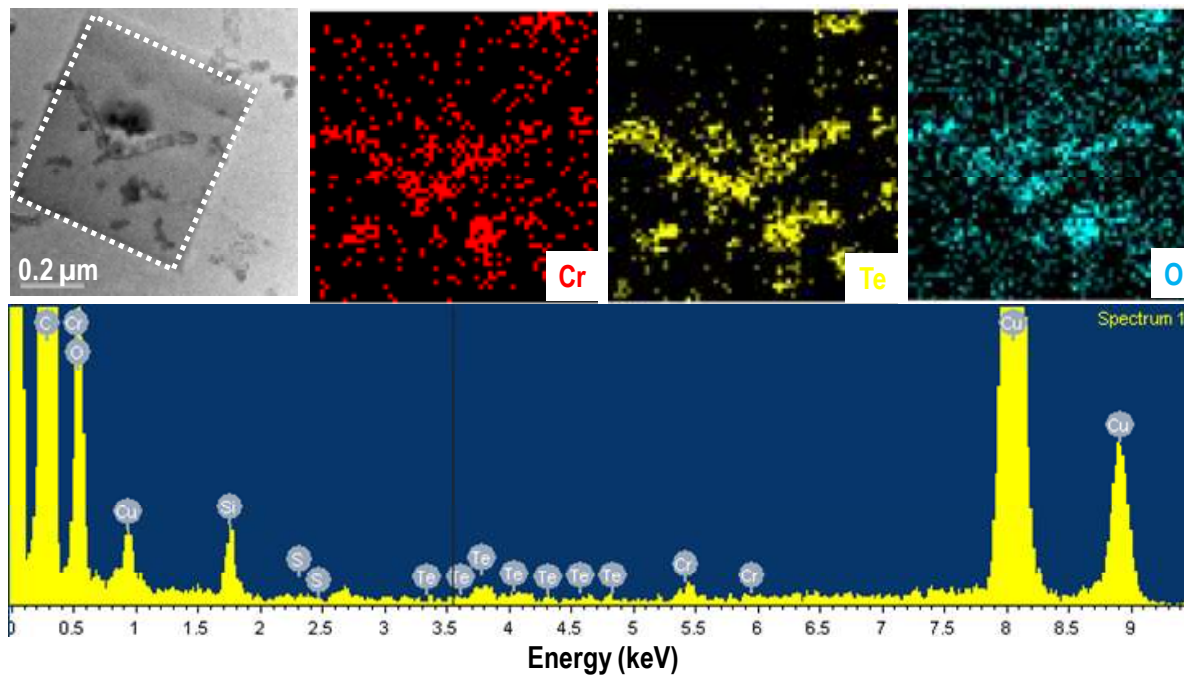


Figure S3. EDAX spectrum and elemental maps of the sample after 14 days of reaction between Te NWs and CrO₃. Elemental images are slightly rotated with respect to the TEM image.

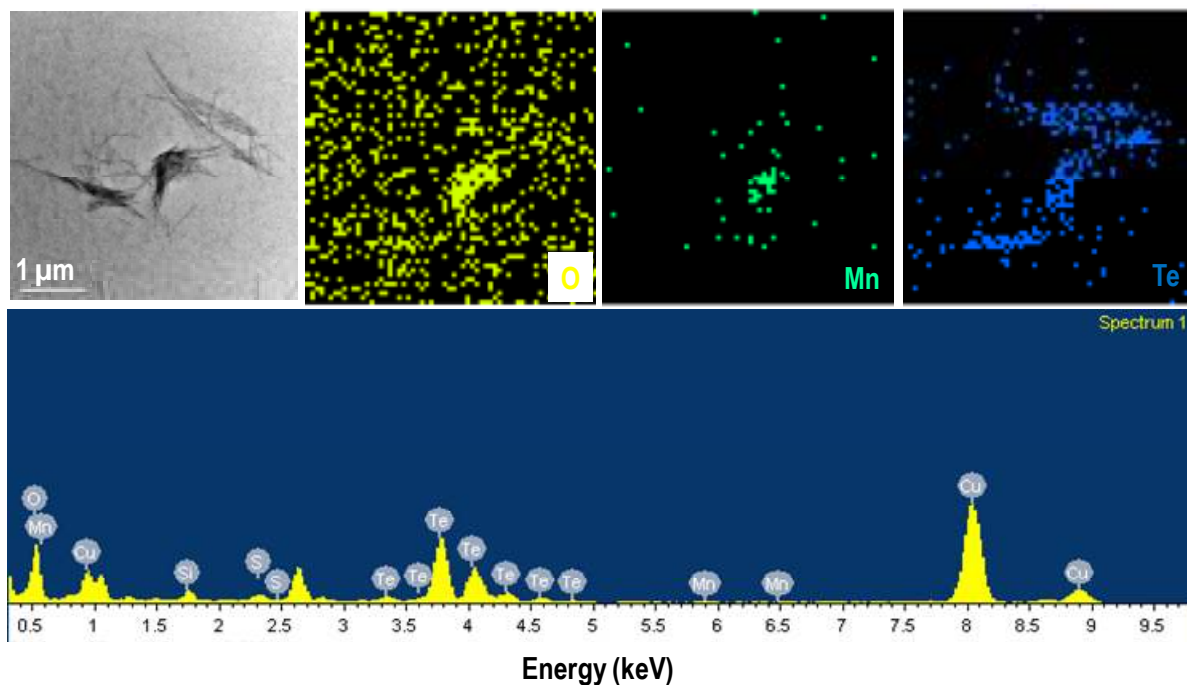


Figure S4. EDAX spectrum and elemental maps of the sample after 3 days of reaction between Te NWs and KMnO_4 .

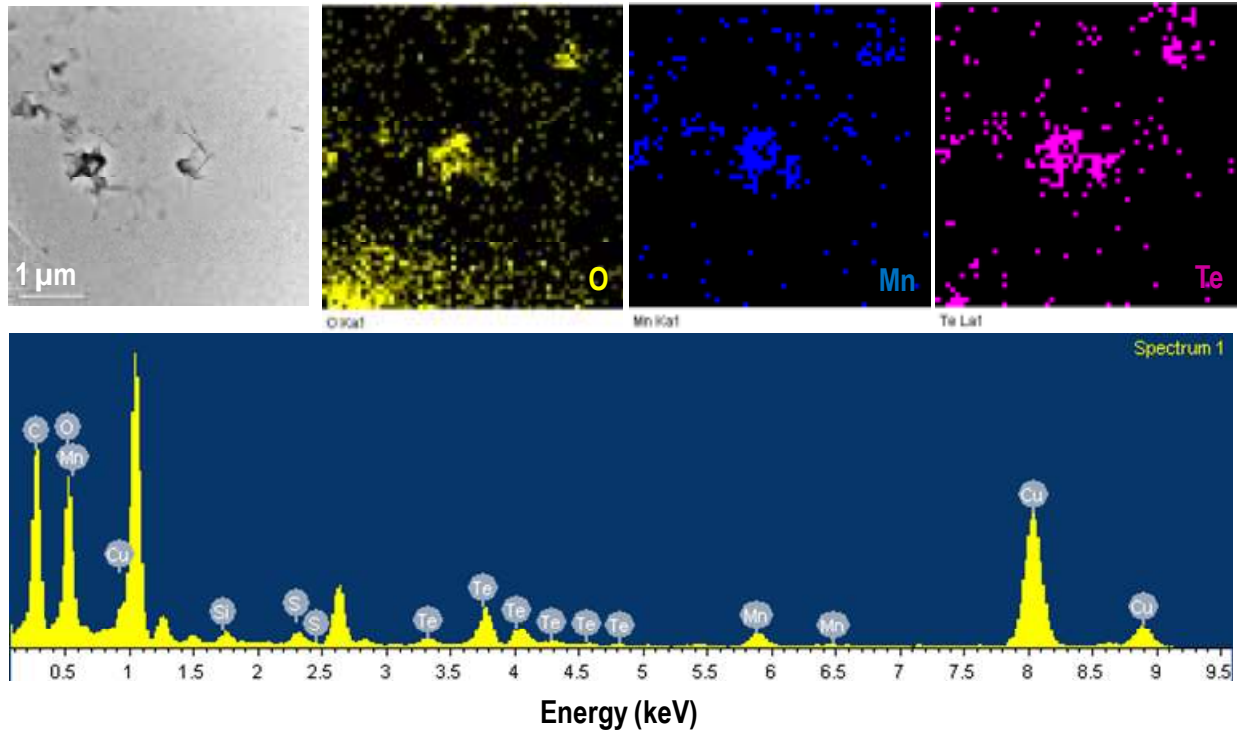


Figure S5. EDAX spectrum and elemental maps of the sample after 5 days of reaction between Te NWs and KMnO_4 .

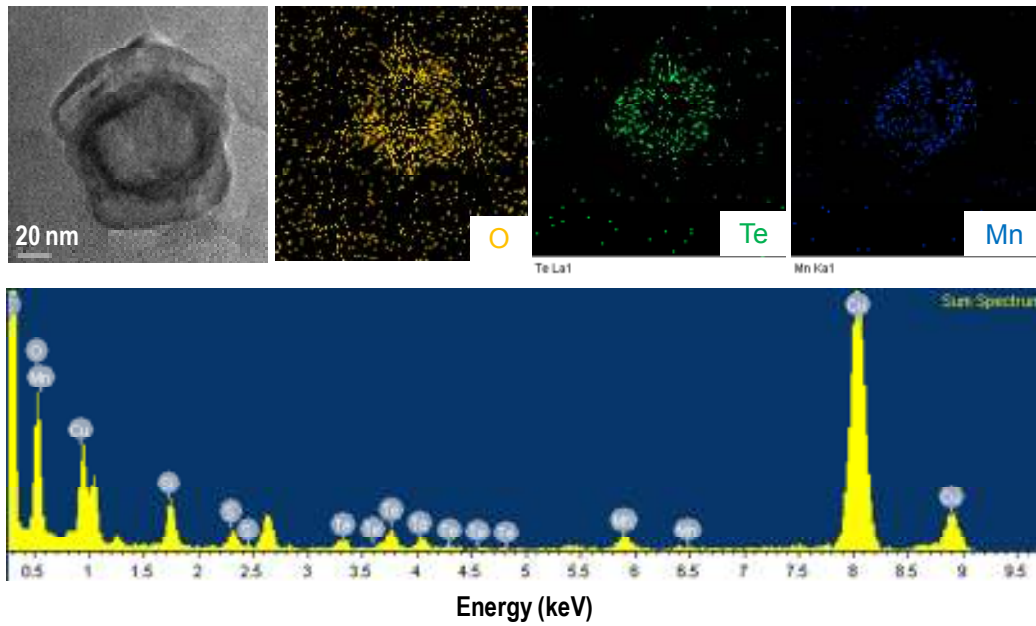


Figure S6. EDAX spectrum and elemental maps of the sample after 10 days of reaction between Te NWs and KMnO_4 .

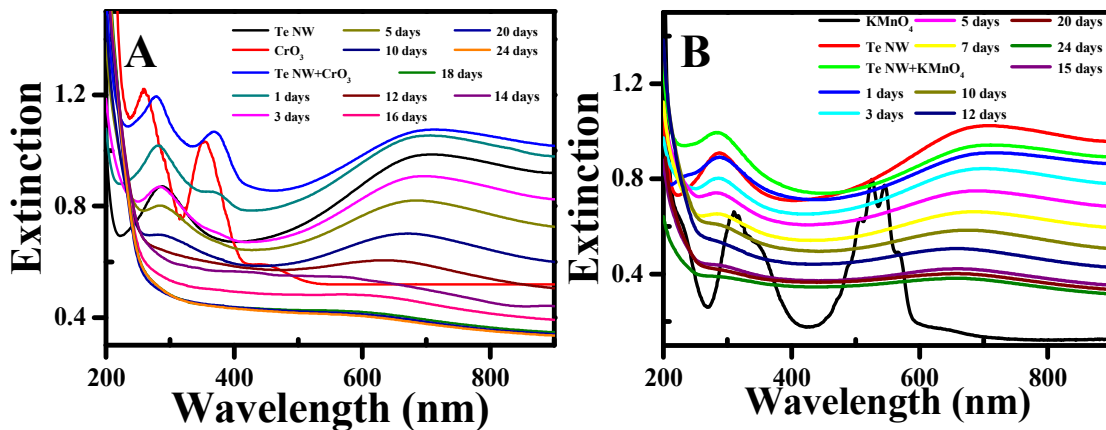


Figure S7. Time-dependent UV/Vis spectra of reaction of Te NWs with 0.1 mM A) CrO_3 and B) KMnO_4 .