

Multi-functional materials based on Cu doped TiO₂ ceramic fibers with enhanced pseudocapacitive performances and their dielectric characteristics

Petronela Pascariu*, Mihaela Homocianu, Loredana Vacareanu, Mihai Asandulesa

”Petru Poni” Institute of Macromolecular Chemistry, 41A Grigore Ghica Voda Alley, 700487, Iasi, Romania

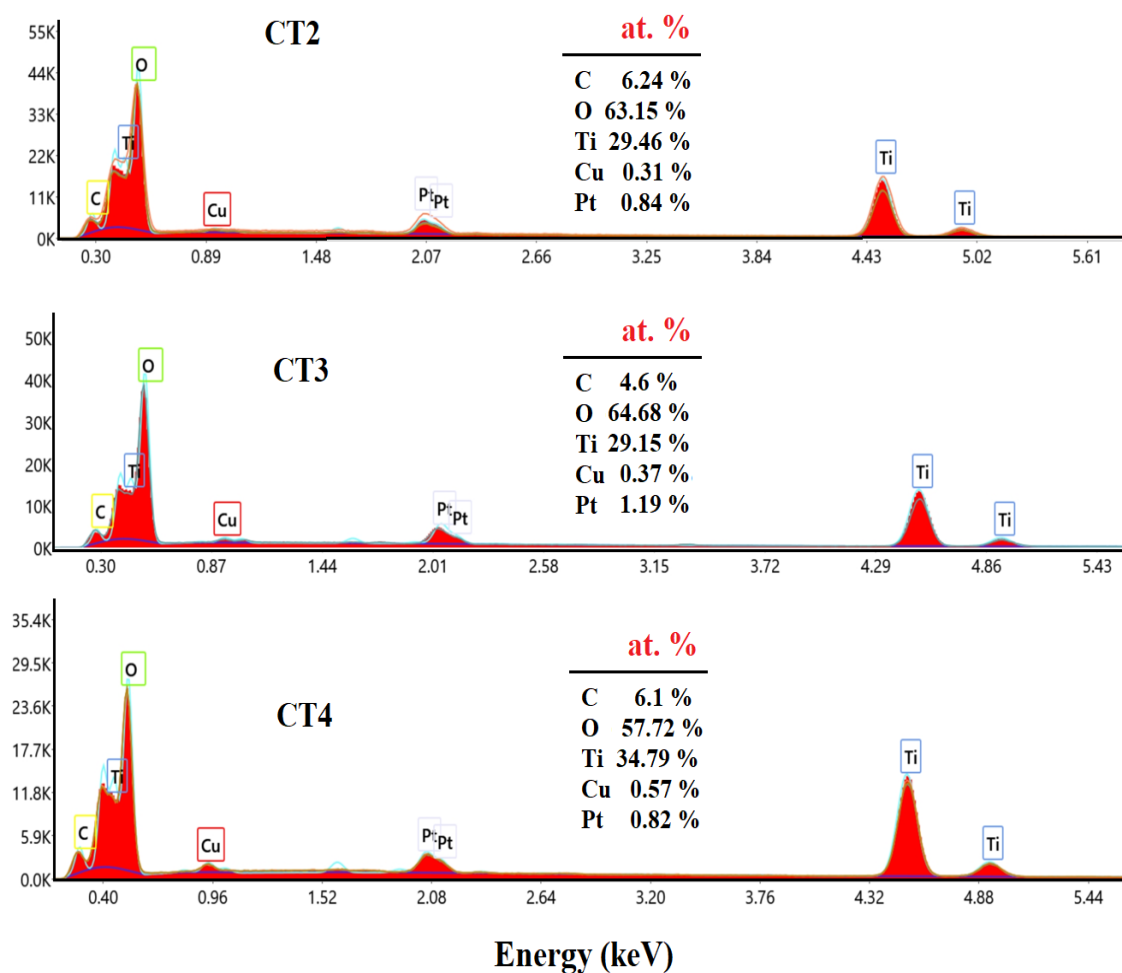


Figure S1. EDS spectra of 0.5% Cu (CT2), 1% Cu (CT3), 2% Cu (CT4) doped TiO₂ composites.

*Corresponding author: dorneanu.petronela@icmpp.ro; pascariu_petronela@yahoo.com (Petronela Pascariu);

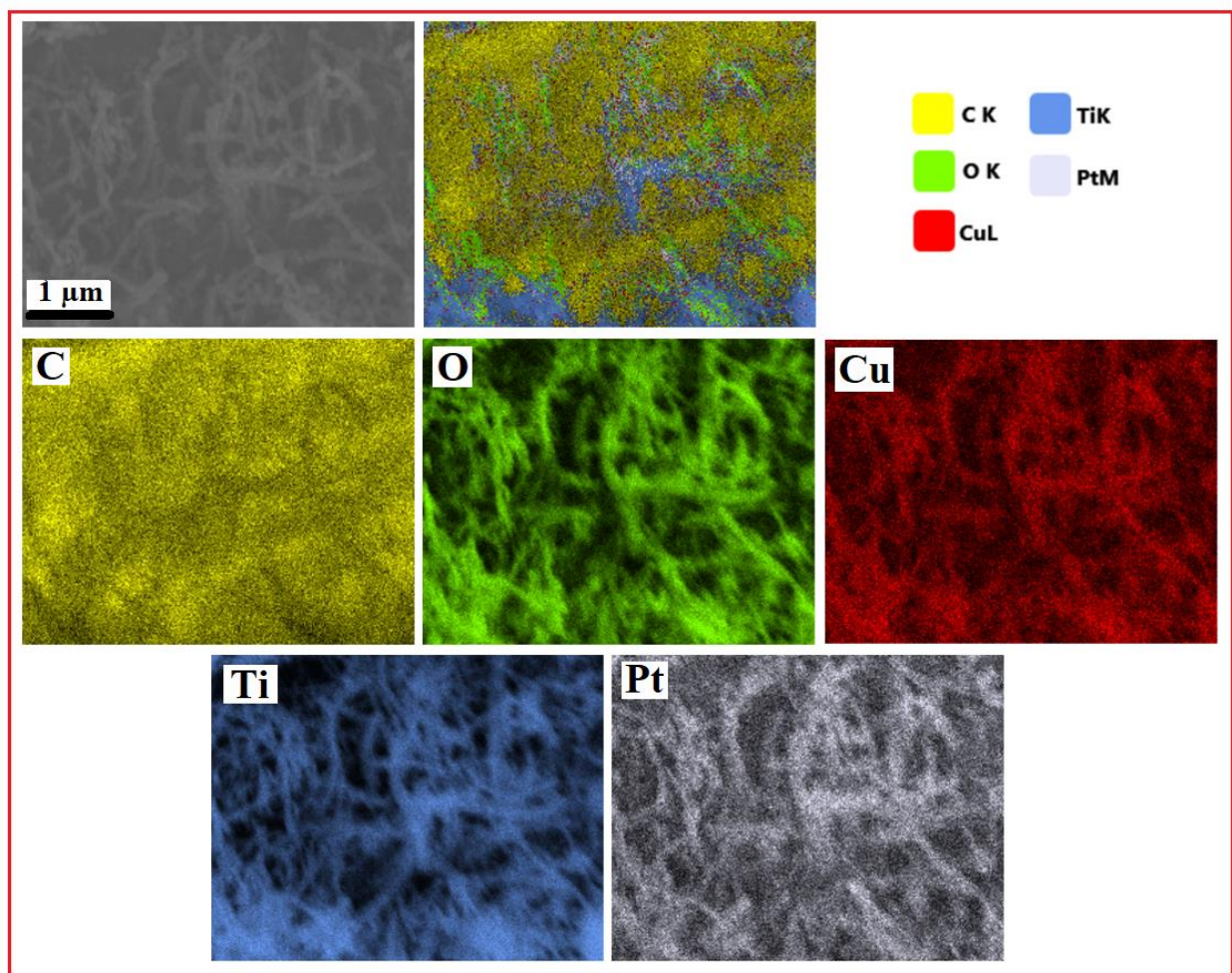


Figure S2. Elemental mapping images of 2% Cu- doped TiO₂ (CT4) composite.

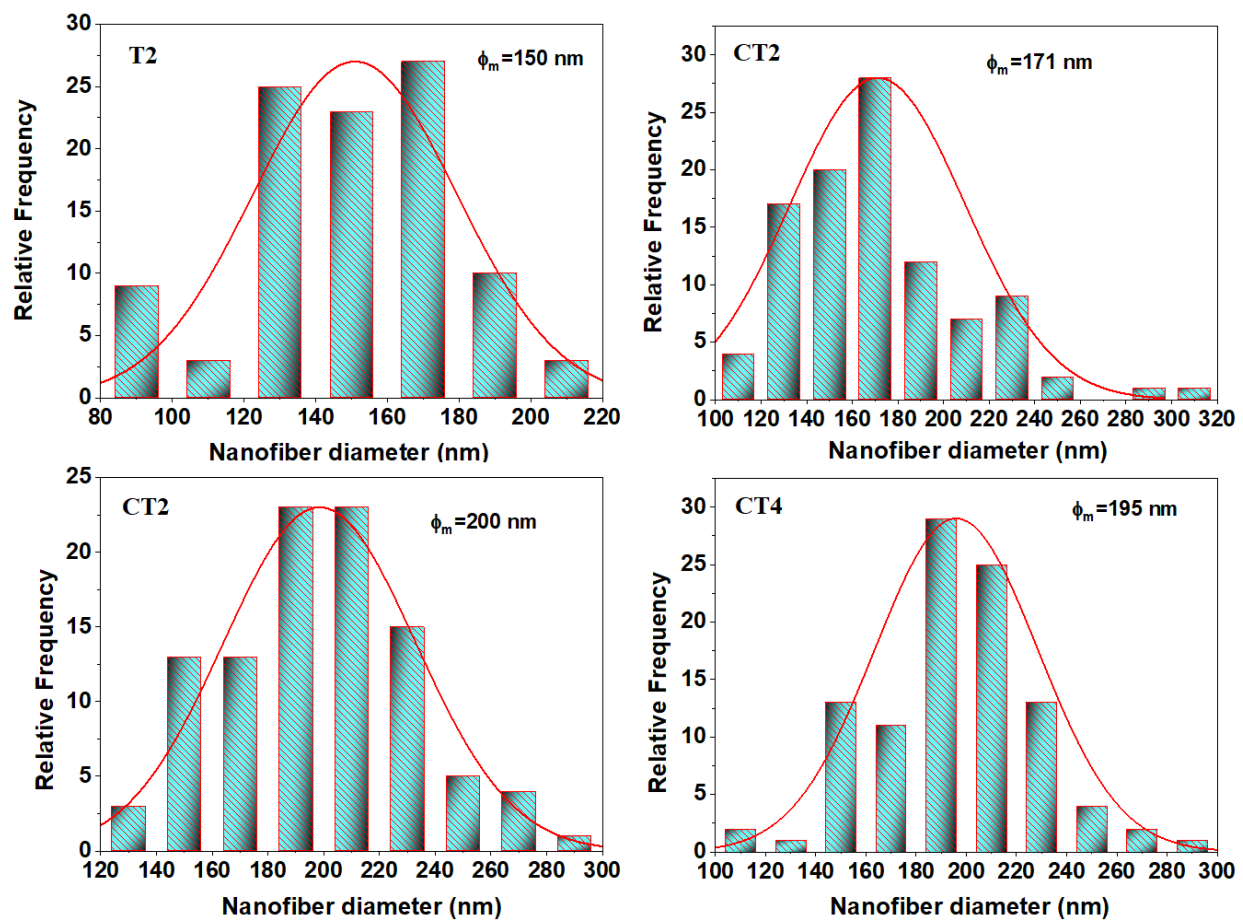


Figure S3. Histogram plots of average size diameter distribution for pure TiO₂ and 0.5% Cu (CT2), 1% Cu (CT3), 2% Cu (CT4) doped TiO₂ composites.