

# Review of: "Determination of the electronic transport in type separated carbon nanotubes thin films doped with gold nanocrystals"

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In this work, the electronic transport of each type of SWNT films doped with nanocrystal were investigated. The systematic characterization and analysis processes were well performed. The intensive experimental study along with theoretical models could lead to explicit results on the doping effect with various annealing temperatures. So that this work becomes solid and great of interest for relevant electronic applications. Nevertheless, I have few questions on this work.

(1) Can the authors clarify the structure of gold nanocrystal? and are there any effects on transport properties concerning this issue?

(2) Have the authors worked on doping concentration-dependent transport properties?

If all of these issues could be clarified, I believe that this work could be much more remarkably.