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Analysis of YBCO high temperature superconductor doped with silver nanoparticles and carbon nanotubes using Williamson-Hall and Size-Strain Plot

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Highlight

- The crystalline size of the YBCO samples decrease by adding Ag nanoparticle and CNT.
- Lattice strain and stress of YBCO samples decline by Ag nanoparticle and CNT doping.
- The CNTs play more effective than Ag nanoparticles in YBCO compound.

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