

Supplementary Information

Figure S1. DSC curves of samples with different SNP content (a) blank; (b) 1%; (c) 3%; (d) 5%; (e) 7%; (f) The linear fit of the Ti value.

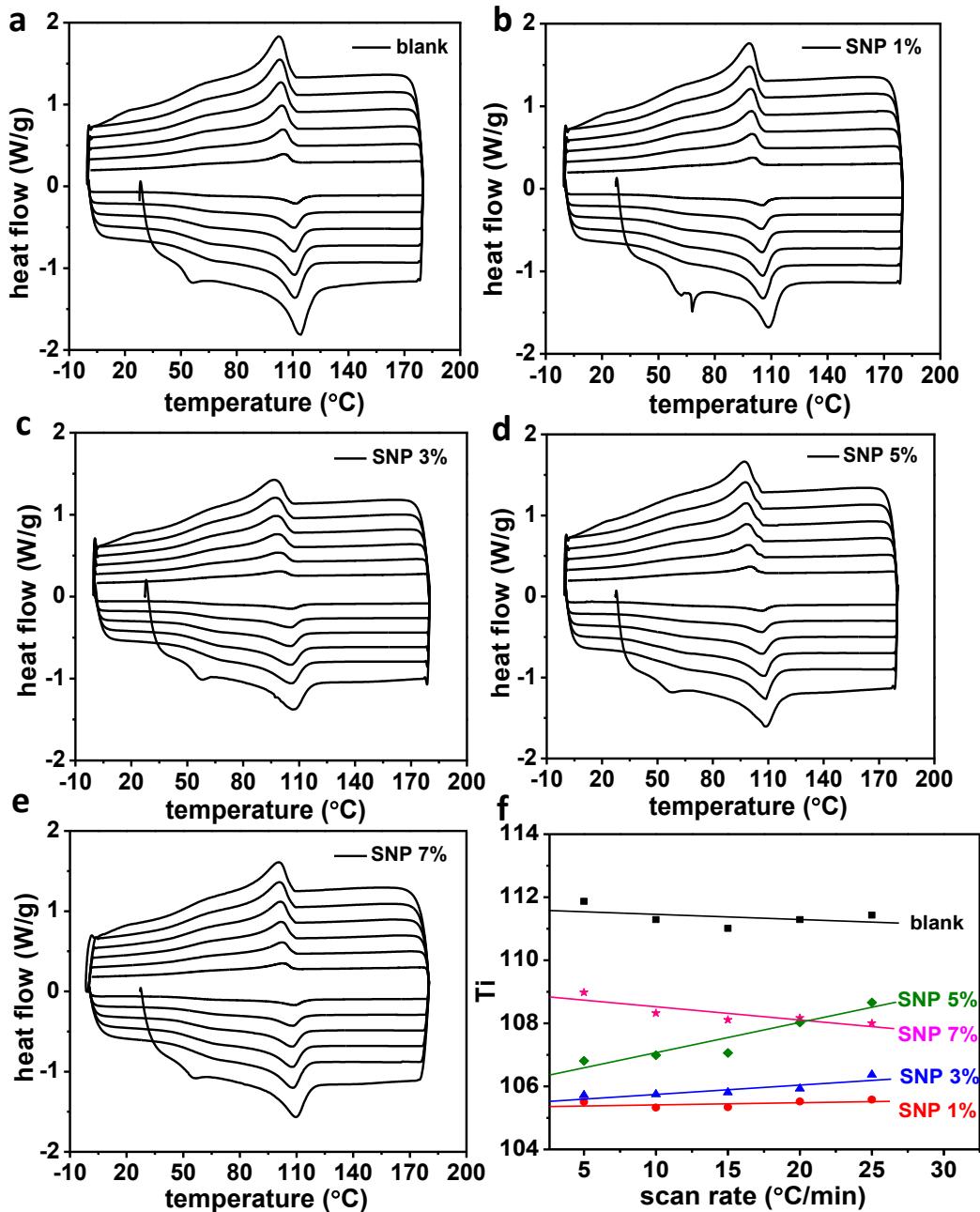


Figure S2. DLS distribution of SiO₂ nanoparticles in aqueous dispersion.

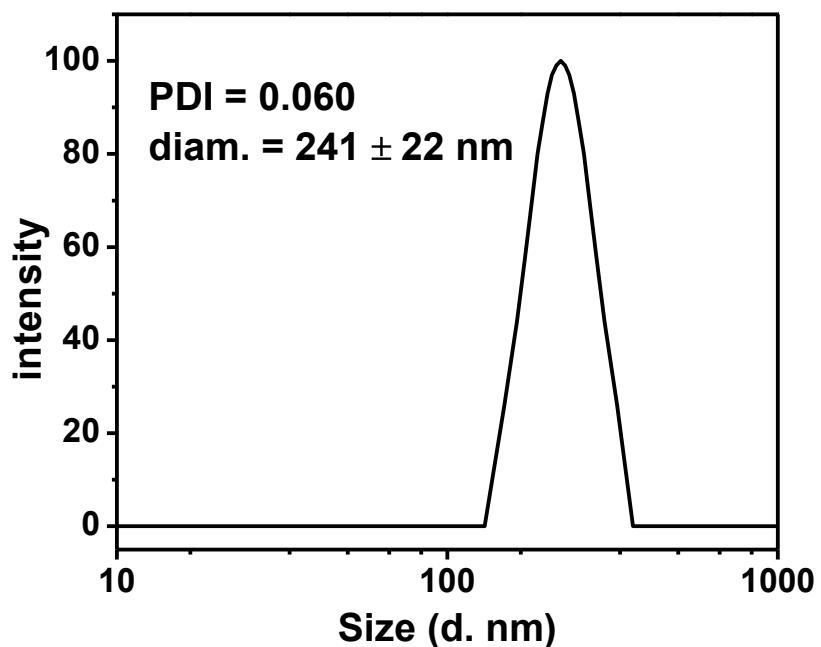


Figure S3. SEM picture of SiO₂ nanoparticles at a magnification of 30,000.

