

Electronic supplementary information

Solid state plasmonic dye sensitized solar cells based on solution processed perovskite CsSnI₃ as the hole transporter

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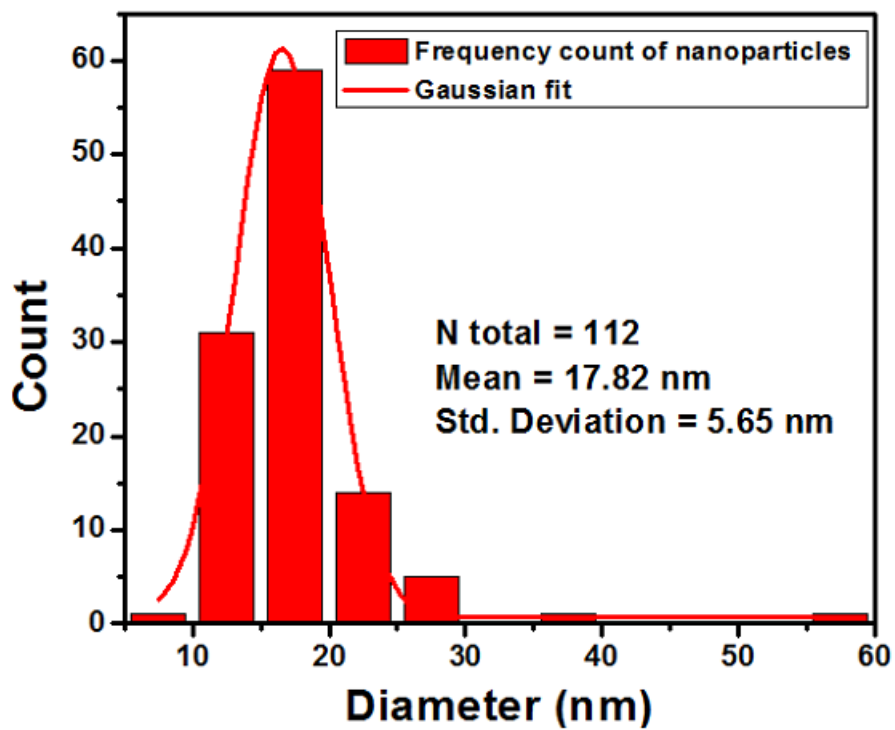
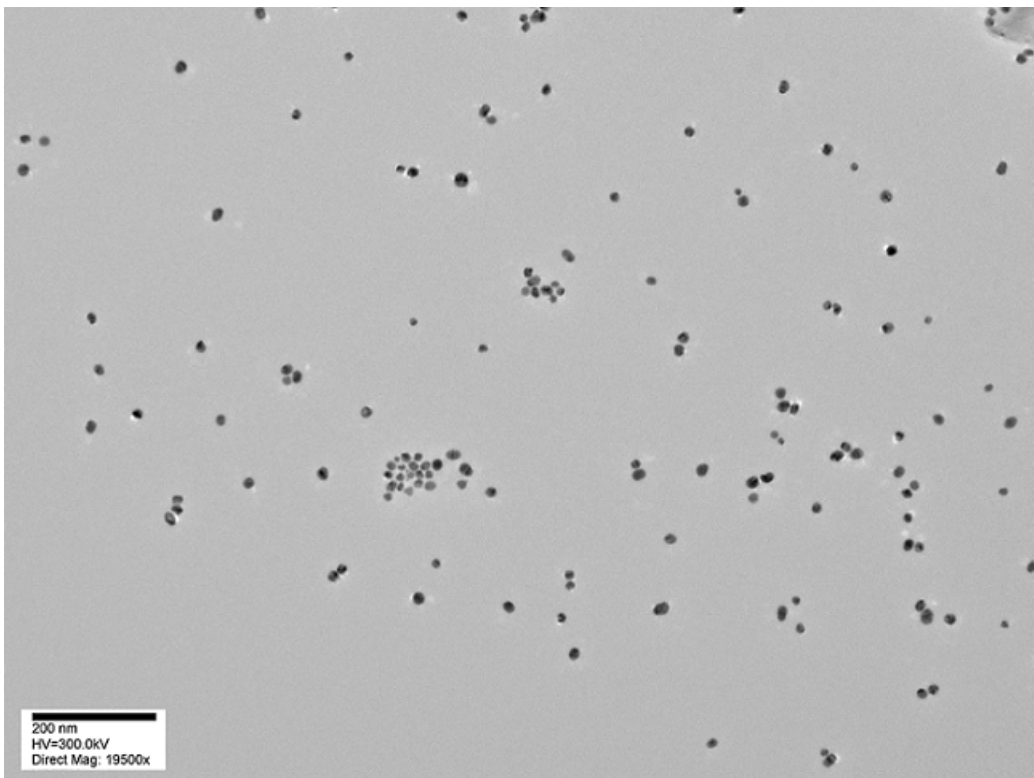


Figure S1: Transmission electron micrograph, and size distribution of gold nanoparticles used in the present study.

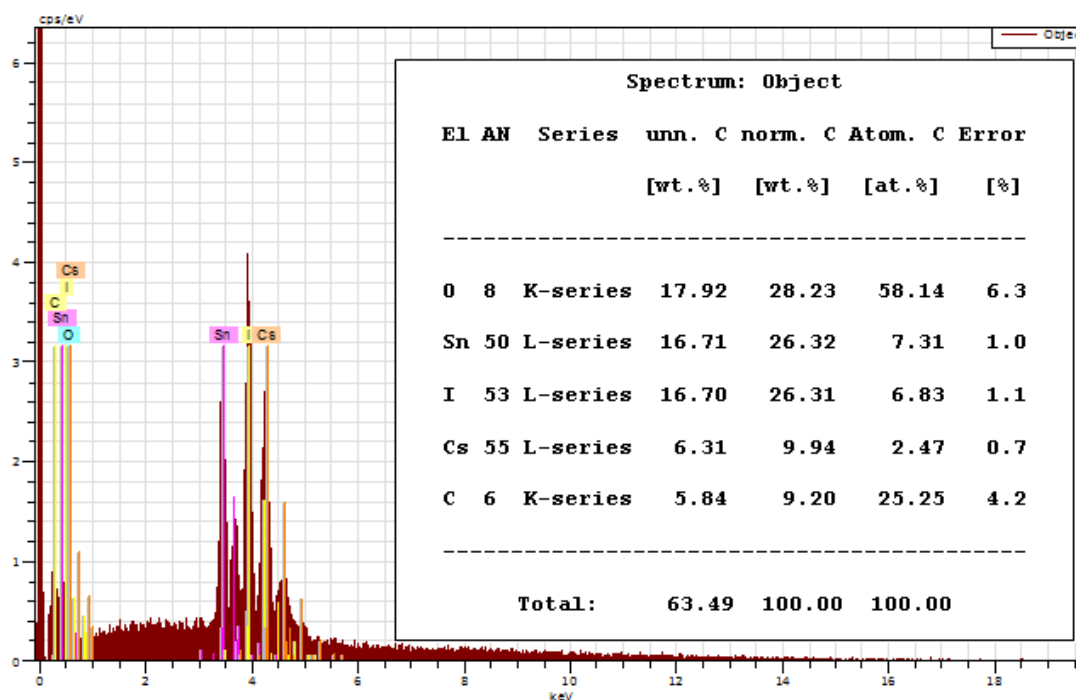
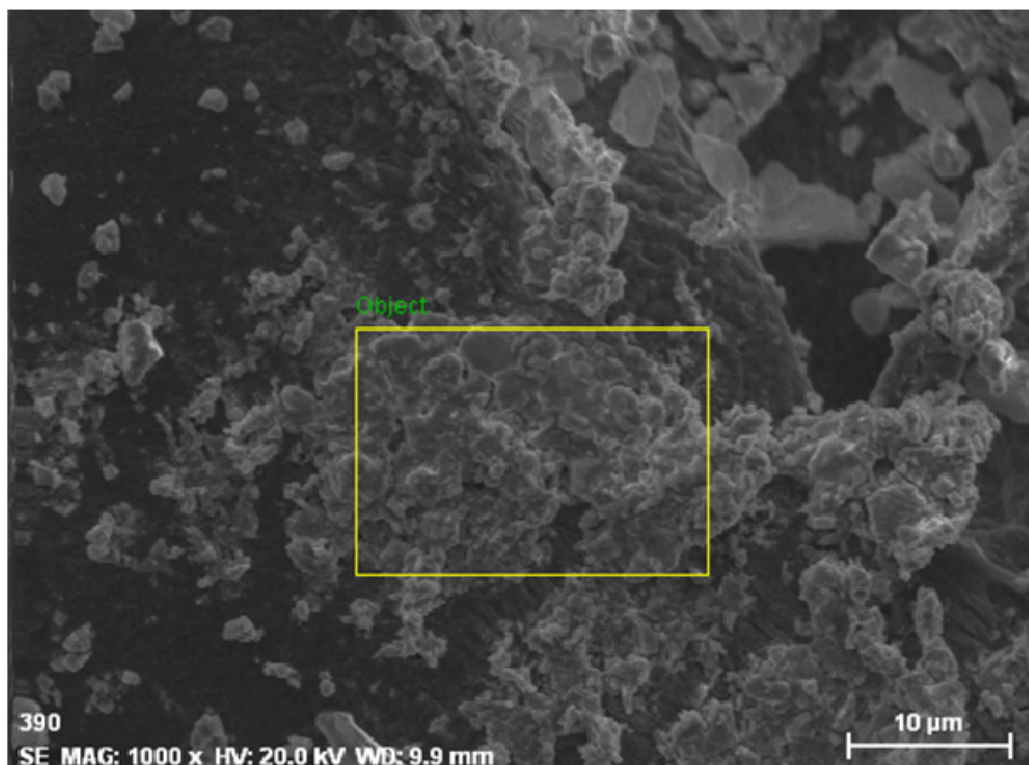


Figure S2a: Energy dispersive X-ray (EDX) spectra of solution synthesized perovskite CsSnI₃ (sample 1) recorded using Zeiss EVO50 scanning electron micrograph equipped with EDX detector.

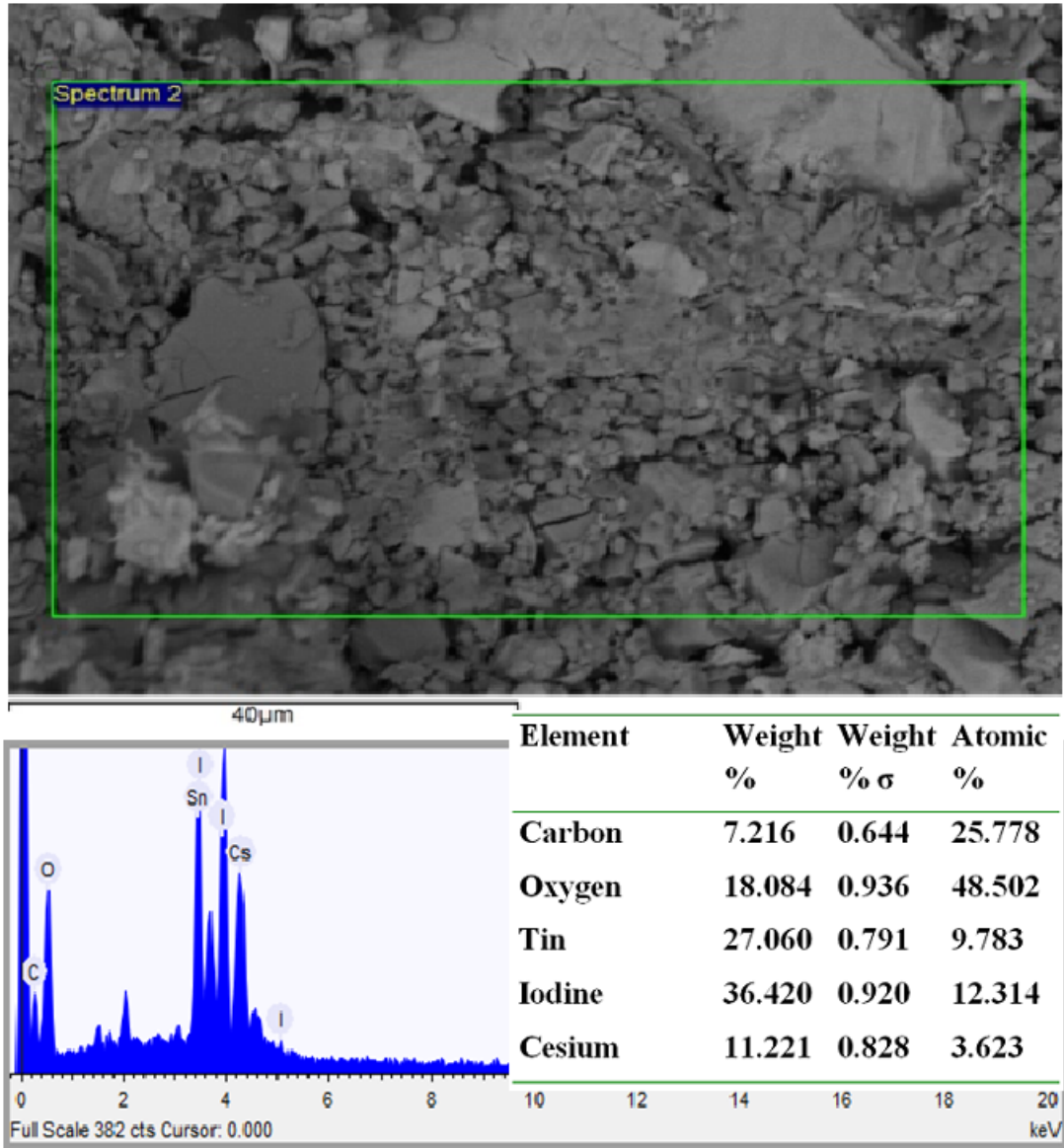


Figure S2b. Energy dispersive X-ray (EDX) spectra of solution synthesized perovskite CsSnI_3 (sample 2) recorded using Hitachi TM3000 table-top scanning electron micrograph equipped with SwiftED 3000 EDX detector.

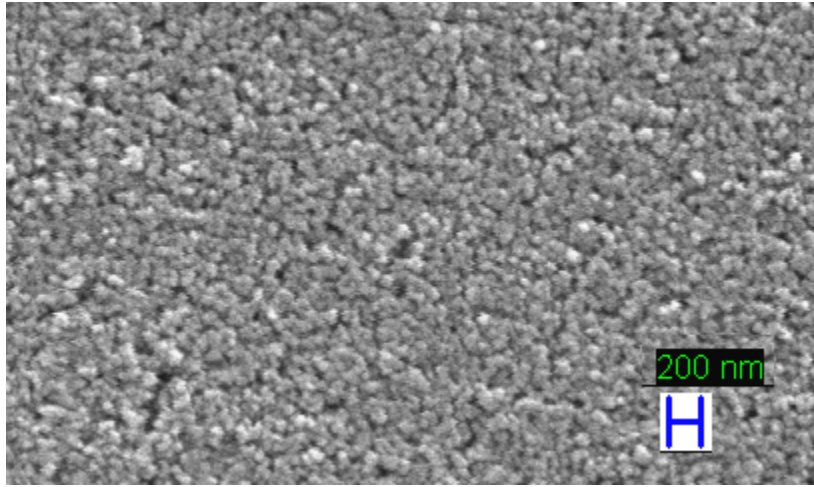


Figure S3: Scanning electron micrograph of porous TiO₂ film deposited by doctor blade method.