

Supporting Information

for

Core-Shell Heterostructured Metal Oxide Arrays Enable Superior Light-Harvesting and Hysteresis-Free Mesoscopic Perovskite Solar Cells

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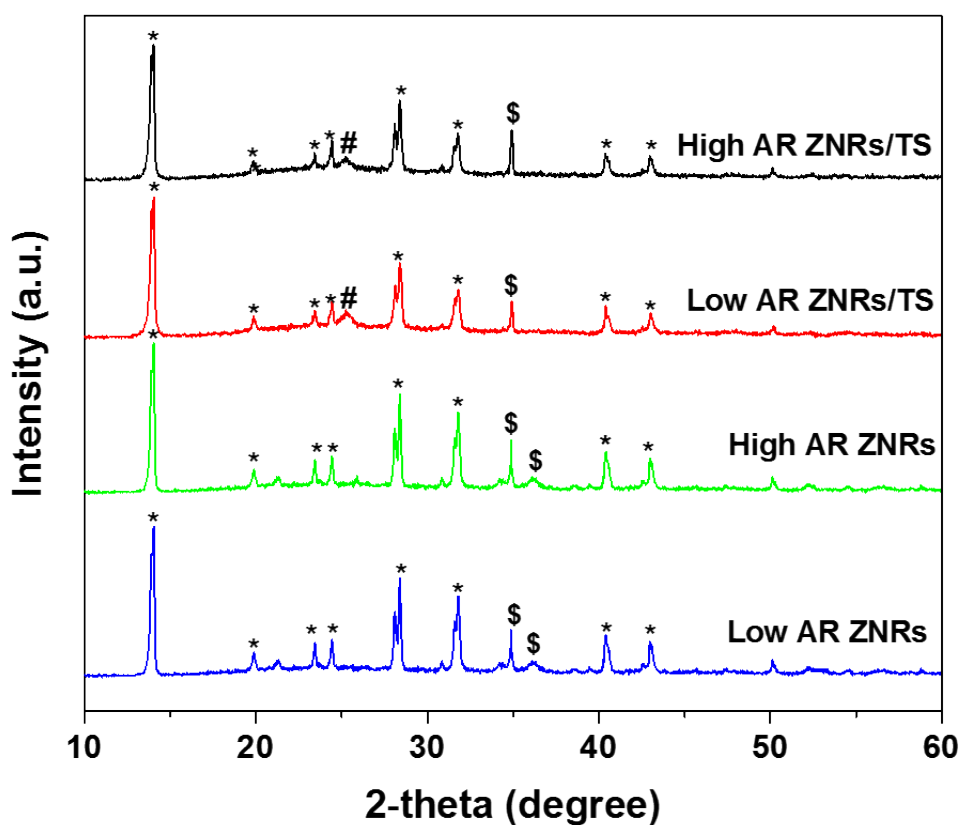


Figure S1. XRD patterns of perovskite coated four different ETMs. Peaks related to the ZnO, TiO₂ and perovskite are marked (\$ is for ZnO, # is for TiO₂ and * is for perovskite structure).

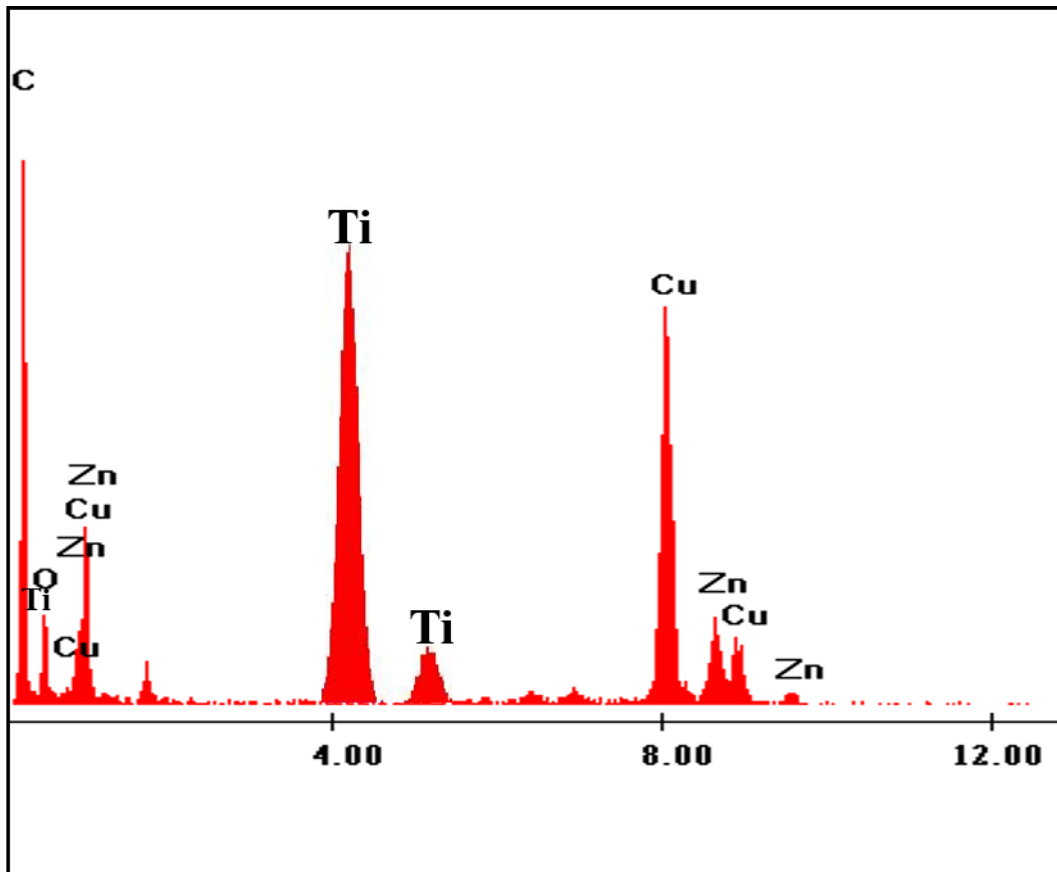


Figure S2. EDS spectrum collected from the area indicated by a circular shape for high AR ZNRs/TS heterostructured hybrid ETM, respectively.