

# **Nanostructural Modification of PEDOT:PSS for High-Charge Carrier Collection in a Hybrid Frontal Interface of Solar Cells**

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**Resumen.** En este trabajo se propone un material poly(3,4-etilenodioxythiofeno)-poly(estirenosulfonato)(PEDOT:PSS) para formar una heterounión híbrida con materiales amorfos de base silicón para recolección de altas cargas en la interfaz frontal de celdas solares.

**Abstract.** In this work, we propose poly(3,4-ethylenedioxythiophene)-poly(styrenesulfonate)(PEDOT:PSS) as a material to form a hybrid heterojunction with amorphous silicon-based materials for high-charge carrier collection at the frontal interface of solar cells.

**Referencia bibliográfica.**

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