

Nanograss-Assembled NiCo_2S_4 as An Efficient Platinum-Free Counter Electrode for Dye-Sensitized Solar Cell

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The cyclic voltammetry (CV) was used to evaluate the NCS-1 counter electrode over 20 cycles

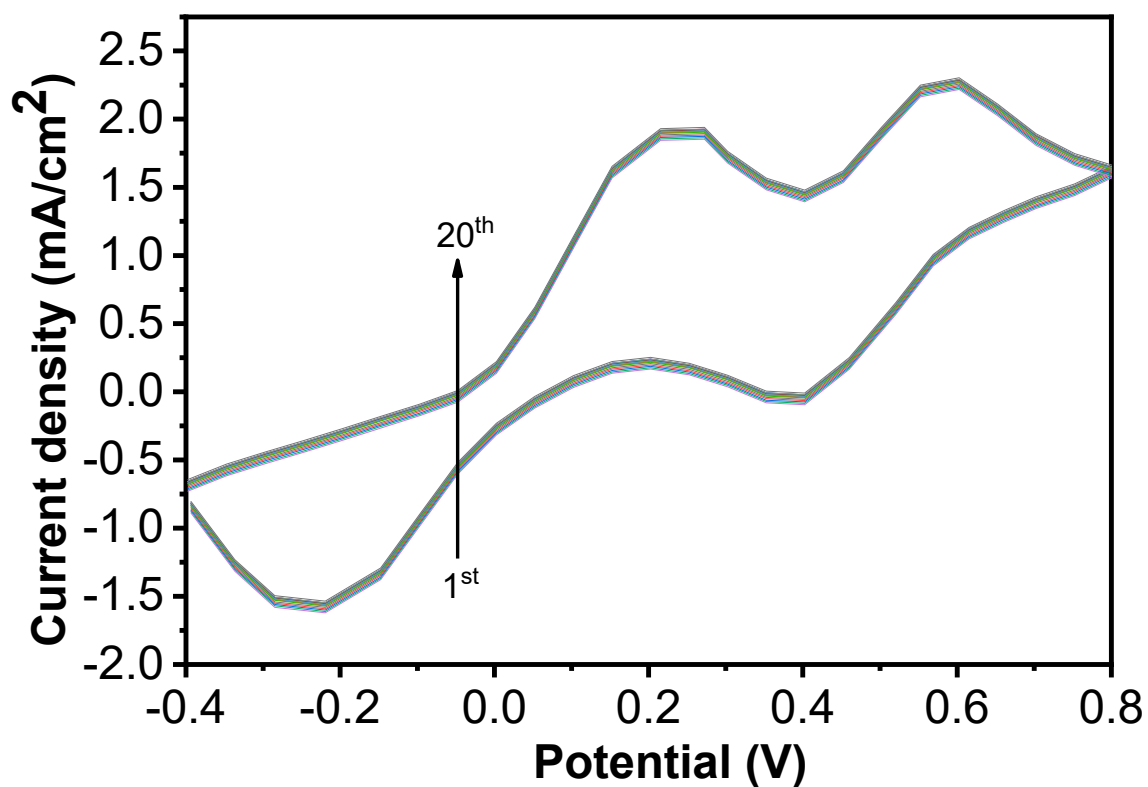


Figure S1. The cyclic voltammetry (CV) was used to evaluate the NCS-1 counter electrode over 20 cycles.

Table S1: Comparative Analysis of DSSC Electrode Materials: NCS vs. Alternatives

Electrode materials	V _{oc} (V)	PCE (%)	References
NiCo ₂ S ₄	0.830	6.51	S1
NiCo ₂ S ₄	0.755	4.73	S2
NiCo ₂ S ₄ /RGO	0.742	6.0	S2
NiCo ₂ S ₄	0.76	5.81	S3
CoNi ₂ S ₄	0.75	4.61	S4
CuInS ₂	0.78	5.79	S5
NiCo ₂ S ₄	0.55	4.22	S6
NiCo ₂ S ₄	0.69	5.24	S7
NiCo ₂ S ₄	0.75	6.60	Present work

References

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