

Supporting Information for “Few-layer MoS₂ nanosheets coated onto multi-walled carbon nanotubes as a low-cost and highly electrocatalytic counter electrode for dye-sensitized solar cells”

Sheng-Yen Tai,^{⊥a} Chia-Jui Liu,^{⊥b,c} Shu-Wei Chou,^a Forest Shih-Sen Chien,^{c,d} Jeng-Yu Lin,^{*a} and
Tsung-Wu Lin^{*b,c}

[^a] Mr. S. Y. Tai, Mr. S. W. Chou and Dr. J. Y. Lin

Dept. of Chemical Engineering, Tatung University, No. 40, Sec. 3, Chungshan
North Rd., Taipei
City 104, Taiwan
Fax: +886-225861939
E-mail: jylin@ttu.edu.tw

[^b] Mr. C. J. Liu and Dr. T. W. Lin

Dept. of Chemistry, Tunghai University, No. 181, Sec. 3, Taichung Port Rd., Taichung City 40704,
Taiwan
E-mail: twlin@thu.edu.tw

[^c] Tunghai Green Energy development and management Institute (TGEI), Tunghai University,
No. 181, Sec. 3, Taichung Port Rd., Taichung City 40704, Taiwan

[^d] Dept. of Physics, Tunghai University, No. 181, Sec. 3, Taichung Port Rd., Taichung City
40704, Taiwan

[[⊥]] These authors contributed equally

[*] Corresponding authors

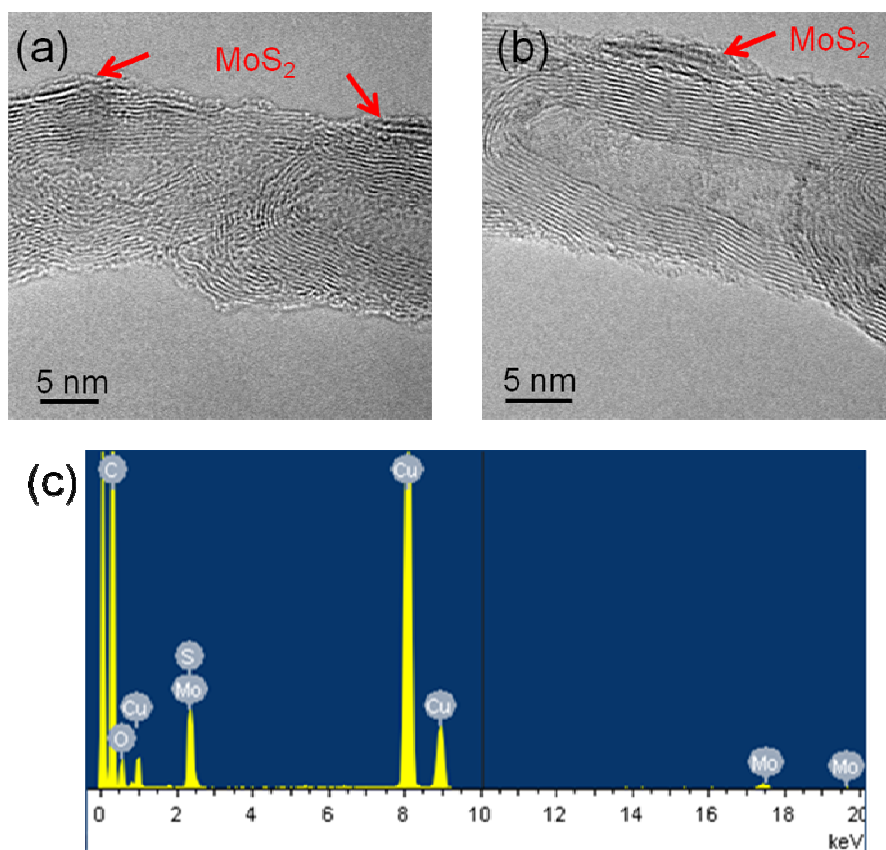


Fig. S1 (a) - (b) HRTEM images and (c) X-ray energy dispersive spectroscopy of MWCNT@MoS₂ nanocomposite.

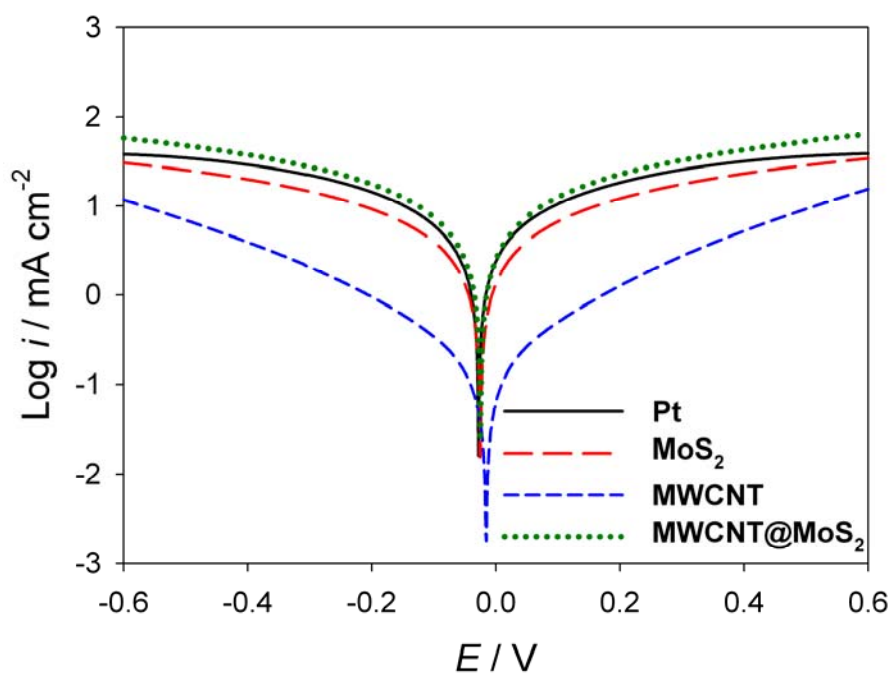


Fig. S2 Tafel-polarization curves of the symmetrical cells using Pt, MoS₂, MWCNT, and MWCNT@MoS₂ CE.