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Correction: Enhanced utilization of light through polystyrene microspheres for boosting photoelectrochemical hydrogen production in MoS₂/Si heterostructures

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Correction for 'Enhanced utilization of light through polystyrene microspheres for boosting photoelectrochemical hydrogen production in MoS₂/Si heterostructures' by Jing Yu *et al.*, *J. Mater. Chem. A*, 2025, <https://doi.org/10.1039/D4TA08336A>.

The authors regret that Fig. 1c of the original article featured an incorrect atomic force microscopy (AFM) image. The original figure incorrectly presented results obtained from Re-doped MoS₂. The corrected version of Fig. 1 is as displayed herein – the authors confirm that no results or conclusions are impacted by this replacement. The original figure caption remains unchanged.

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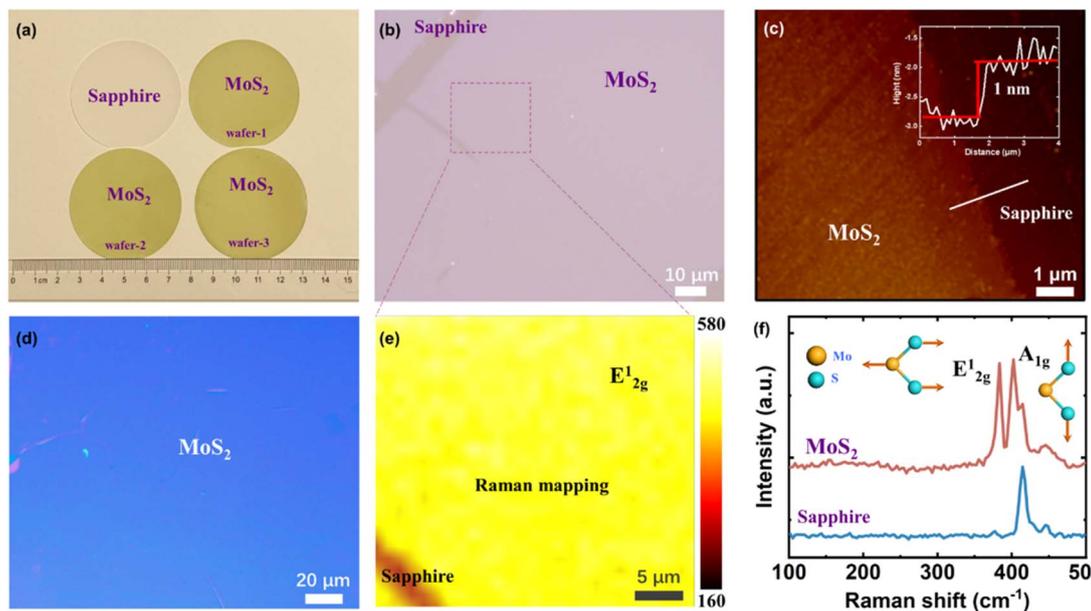


Fig. 1 (a) Photographic image of a bare sapphire substrate and a monolayer MoS₂ directly grown on it. (b) Optical image of a monolayer MoS₂ grown on a sapphire substrate. (c) AFM image of a monolayer MoS₂ on a sapphire substrate, with the inset displaying the height profile. (d) Optical image of a monolayer MoS₂ transferred onto a SiO₂/Si substrate using the PMMA-assisted wet transfer method. (e) Raman mapping of the E_{2g}¹ peak intensity for a monolayer MoS₂ supported by the sapphire substrate. (f) Raman spectra of monolayer MoS₂ and sapphire substrate, extracted from (e).

A small amendment has also been made to affiliation *e*.

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.

