

## Author Correction: Co<sub>3</sub>O<sub>4</sub> as full-solar-spectrum photocatalyst for selective methane conversion through reactive oxygen species control

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In the version of this article initially published, due to a data handling error during file transfer, the raw dataset corresponding to 0 min in Fig. 3c (bottom trace) was inadvertently misassigned, which consequently affected the associated curve fitting. After re-fitting using the correct original data, all trends, quantitative analyses, and scientific conclusions remain fully unchanged. The figure and source data have been updated in the HTML and PDF versions of the article. For comparison, the original Fig. 3 is available as Supplementary Information accompanying this amendment.

### Additional information

**Supplementary information** The online version contains supplementary material available at <https://doi.org/10.1038/s41929-026-01500-3>.

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