



Cite this: *J. Mater. Chem. A*, 2021, 9, 5866

Correction: Metal chalcogenide-associated catalysts enabling CO₂ electroreduction to produce low-carbon fuels for energy storage and emission reduction: catalyst structure, morphology, performance, and mechanism

Xiaolin Shao,^a Xurui Zhang,^a Yuyu Liu,^{*a} Jinli Qiao,^{bc} Xiao-Dong Zhou,^d Nengneng Xu,^d Jamie L. Malcombe,^d Jin Yi^a and Jiujun Zhang^a

DOI: 10.1039/d1ta90042k

rsc.li/materials-a

Correction for 'Metal chalcogenide-associated catalysts enabling CO₂ electroreduction to produce low-carbon fuels for energy storage and emission reduction: catalyst structure, morphology, performance, and mechanism' by Xiaolin Shao *et al.*, *J. Mater. Chem. A*, 2021, 9, 2526–2559, DOI: 10.1039/D0TA09232K.

In the published article, Fig. 20 was accidentally omitted (a duplicate of Fig. 19 appears in its intended place). The corrected Fig. 20 and its caption are as shown here:

^aInstitute for Sustainable Energy, College of Sciences, Shanghai University, Shangda Road 99, Baoshan, Shanghai 200444, China. E-mail: liuyuyu@shu.edu.cn; liuyuyu2014@126.com; Tel: +86 187 21521461

^bShanghai Institute of Pollution Control and Ecological Security, Shanghai 200092, China

^cCollege of Environmental Science and Engineering, Donghua University, Shanghai 201620, China

^dInstitute for Materials Research and Innovation, Department of Chemical Engineering, University of Louisiana at Lafayette, Lafayette, Louisiana 70504, USA



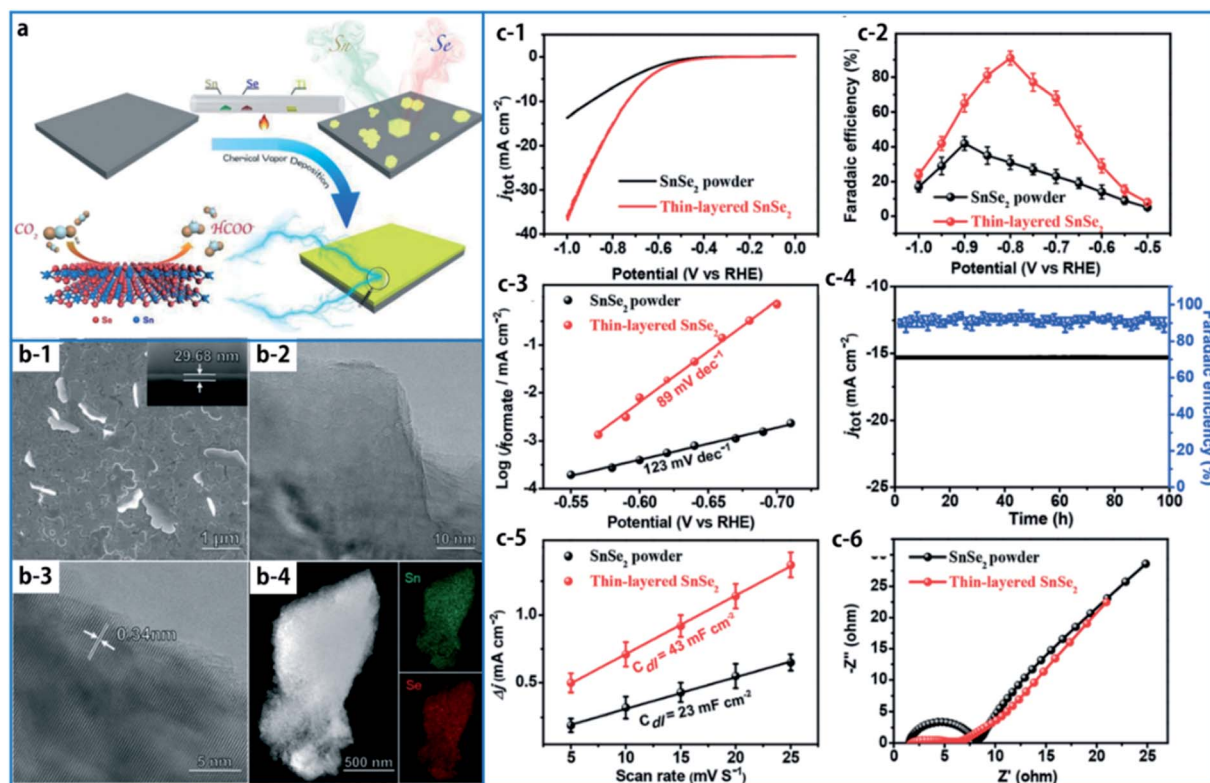


Fig. 20 (a) Scheme of the synthesis and ER CO_2 into HCOOH using a thin-layered SnSe $_2$ film. (b) Morphological characterization of the thin-layered SnSe $_2$ film. (b-1) SEM image; (b-2) TEM image; (b-3) high-magnification TEM image; and (b-4) EDX elemental mapping images of Sn and Se. (c) ER CO_2 performance. (c-1) iR -Compensation LSV curves in a CO_2 -saturated 0.1 M KHCO $_3$ electrolyte at a scan rate of 10 mV s^{-1} ; (c-2) FE_{HCOOH} at various applied potentials; (c-3) plots; (c-4) chronoamperometry curve at a potential of $-0.8 V_{\text{RHE}}$ and the corresponding FE_{HCOOH} ; (c-5) charging current density differences plotted against scan rates; (c-6) Nyquist plots. Each error bar in (b), (d) and (e) is the standard deviation of six sampled values. Reprinted with permission from ref. 166. Copyright 2018, The Royal Society of Chemistry.

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

