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Correction: Long-lived charge separation in dye–semiconductor assemblies: a pathway to multi-electron transfer reactions

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Correction for 'Long-lived charge separation in dye–semiconductor assemblies: a pathway to multi-electron transfer reactions' by Elin Sundin *et al.*, *Chem. Commun.*, 2018, **54**, 5289–5298.

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The authors regret that some references were inadvertently omitted from the original article.

On page 5292, left column, there was some missing text in the caption for Fig. 3. This figure was adapted from similar graphics in Fig. 2.5 of the thesis by E. Sundin (provided as ref. 1 below), and in Fig. 6.1 in the main thesis text by V. Saavedra Becerril (ref. 2 below).

On page 5296, left column, the caption for Fig. 10 should have included the following text: “The lower right part of this figure was adapted from ref. 38.”

On page 5296, left column, the sentence “These core–shell structures have been successfully used as photoanodes in DSPECs with higher efficiencies and a ~1000 time increase in the half-life of the charge separated state.” should have a citation to ref. 45 after “efficiencies”, and a citation to ref. 71 after “~1000 time increase”.

On page 5296, left column, the text “Here, mesoporous, micrometer thin layers of TiO₂ were strategically assembled on top of SnO₂-films. The TiO₂ part can then be selectively dye-sensitized leaving dye-free SnO₂ areas where electrons can be accumulated. Since the TiO₂ layer is a few micrometers thick, the high injection yield in TiO₂ can be maintained.” should be followed by a citation to ref. 38.

On page 5296, left column, the following sentence was incorrectly attributed only to ref. 64: “The ~100 times higher electron mobility in SnO₂ compared to TiO₂ can furthermore facilitate accumulation of electrons in the SnO₂ areas of the film.⁶⁴” The sentence should also have been followed by citations to ref. 38 and 65.

On page 5297, left column, the authors would like to point out that the citation to ref. 38 was intended to relate to the whole paragraph beginning “The patterned TiO₂/SnO₂ approach comes with the advantage that the conduction. . .”, not just the sentence preceding the citation.

In the references section of the original article, Hammarström was incorrectly spelled as Hammarstråm.

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

References

- 1 E. Sundin, *Studies on electron transfer and recombination across dye-TiO₂-SnO₂-acceptor assemblies*, Masters Thesis, Chalmers University of Technology, 2016. Available for public download at: <http://publications.lib.chalmers.se/records/fulltext/240358/240358.pdf>.
- 2 V. Saavedra Becerril, *Extending Photoinduced Charge Separation: Molecular-semiconductor assemblies for solar energy conversion*, Thesis for the Degree of Doctor of Philosophy, Chalmers University of Technology, 2017. Available for public download at: <http://publications.lib.chalmers.se/records/fulltext/251304/251304.pdf>.

