

Correction to “Band Gap and Morphology Engineering of Hematite Nanoflakes from an *Ex Situ* Sn Doping for Enhanced Photoelectrochemical Water Splitting”

Hyo-Jin Ahn, Stepan Kment,* Alberto Naldoni, Radek Zbořil, and Patrik Schmuki*

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Article Recommendations

Affiliations. The affiliation for Regional Centre of Advanced Technologies and Materials was incorrect due to reorganizations at Palacký University. The affiliation should be “Regional Centre of Advanced Technologies and Materials, Czech Advanced Technology and Research Institute (CATRIN), Palacký University Olomouc, Šlechtitelů 241/27, Olomouc 779 00, Czech Republic.” This change is reflected in the affiliations of this Correction.

Figure 4c. The corrected Figure 4c below has the appropriate chronoamperometry measurement curves, aligning with our original intentions, i.e., the curve measured upon the 790 nm of the illuminated light. The caption has also been corrected.

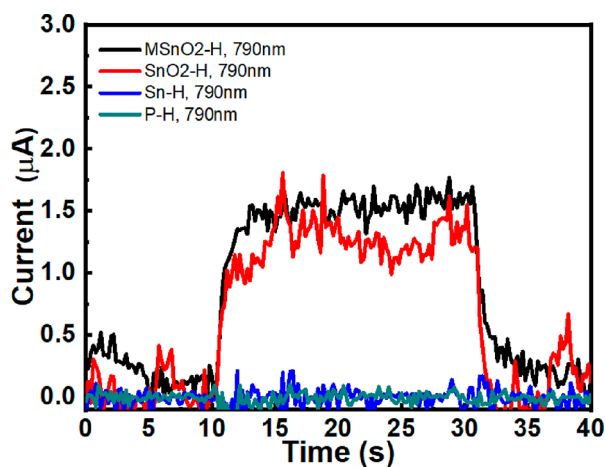


Figure 4. (c) Chronoamperometry measurements of P-H, Sn-H, SnO₂-H, and MSnO₂-H at 1.50 V RHE under illumination at the wavelength of $\lambda = 790$ nm.

(3) Page 35113, Discussion below Figure 4. In the discussion of Figure 4c, the amended version should be as follows: “To compare the photoresponse of samples under the illumination at 790 nm wavelength, the chronoamperometry was measured in a 1 M of KOH electrolyte and at an applied bias of 1.50 V RHE under chopped light illumination. The acquired data are presented in Figure 4c. The photocurrent of

the MSnO₂-H is found to be 1.5 μ A (at 790 nm), whereas that of Sn-H and P-H is approximately zero. The slightly higher photocurrent of MSnO₂-H than SnO₂-H may be attributed to the higher amount of absorbers resulting from a wider hematite nanoflake because of the morphology-controlled process, as shown in Figures 2 and 3.”

AUTHOR INFORMATION

Corresponding Authors

Stepan Kment – Regional Centre of Advanced Technologies and Materials, Czech Advanced Technology and Research Institute (CATRIN), Palacký University Olomouc, Olomouc 779 00, Czech Republic; Nanotechnology Centre, Centre of Energy and Environmental Technologies, VŠB–Technical University of Ostrava, 708 00 Ostrava-Poruba, Czech Republic; orcid.org/0000-0002-6381-5093; Email: stepan.kment@upol.cz

Patrik Schmuki – Regional Centre of Advanced Technologies and Materials, Czech Advanced Technology and Research Institute (CATRIN), Palacký University Olomouc, Olomouc 779 00, Czech Republic; Department of Materials Science and Engineering, University of Erlangen-Nuremberg, D-91058 Erlangen, Germany; orcid.org/0000-0002-9208-5771; Email: Patrik.Schmuki@ww.uni-erlangen.de

Authors

Hyo-Jin Ahn – LSTME Busan Branch, 46742 Busan, Republic of Korea; Regional Centre of Advanced Technologies and Materials, Czech Advanced Technology and Research Institute (CATRIN), Palacký University Olomouc, Olomouc 779 00, Czech Republic; Department of Materials Science and Engineering, University of Erlangen-Nuremberg, D-91058 Erlangen, Germany; orcid.org/0000-0003-4283-8592

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Alberto Naldoni – *Regional Centre of Advanced Technologies and Materials, Czech Advanced Technology and Research Institute (CATRIN), Palacký University Olomouc, Olomouc 779 00, Czech Republic; Department of Chemistry and NIS Centre, University of Turin, 10125 Torino, Italy;*

orcid.org/0000-0001-5932-2125

Radek Zbořil – *Regional Centre of Advanced Technologies and Materials, Czech Advanced Technology and Research Institute (CATRIN), Palacký University Olomouc, Olomouc 779 00, Czech Republic; Nanotechnology Centre, Centre of Energy and Environmental Technologies, VSB–Technical University of Ostrava, 708 00 Ostrava-Poruba, Czech Republic;* orcid.org/0000-0002-3147-2196

Complete contact information is available at:

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