

# UC Irvine

## UC Irvine Previously Published Works

### Title

Corrigendum: Use of Bipolar Membranes for Maintaining Steady-State pH Gradients in Membrane-Supported, Solar-Driven Water Splitting

### Permalink

<https://escholarship.org/uc/item/0k88c797>

### Journal

ChemSusChem, 8(1)

### ISSN

1864-5631

### Authors

McDonald, Michael B

Ardo, Shane

Lewis, Nathan S

et al.

### Publication Date

2015

### DOI

10.1002/cssc.201403359

### Copyright Information

This work is made available under the terms of a Creative Commons Attribution License, available at <https://creativecommons.org/licenses/by/4.0/>

Peer reviewed

## CORRIGENDUM

---

An error has been found in Equation (3) in this Communication. The fraction in Equation (3) should be changed from

$$E_j = \frac{RT}{F} \ln \frac{(a_{\text{OH}^-}^{\text{AEL}} a_{\text{H}^+}^{\text{CEL}})}{K_w} \quad (3)$$

to

$$E_j = \frac{RT}{F} \ln \frac{K_w}{(a_{\text{OH}^-}^{\text{AEL}} a_{\text{H}^+}^{\text{CEL}})} \quad (3)$$

The authors and the editorial office apologize for this oversight and for any inconvenience caused.

*M. B. McDonald, S. Ardo, N. S. Lewis,\*  
M. S. Freund\**

**Use of Bipolar Membranes for Maintaining Steady-State pH Gradients in Membrane-Supported, Solar-Driven Water Splitting**

*ChemSusChem* **2014**, *7*, 3021–3027

DOI: 10.1002/cssc.201402288