

Correction to “Origin of Electrochromism in High-Performing Nanocomposite Nickel Oxide”

Feng Lin, Dennis Nordlund, Tsu-Chien Weng, Dimosthenis Sokaras, Kim M. Jones, Rob B. Reed, Dane T. Gillaspie, Douglas G. J. Weir, Rob G. Moore, Anne C. Dillon, Ryan M. Richards, and Chaiwat Engtrakul*

ACS Appl. Mater. Interfaces, 2013, 5, 3643–3649. DOI: 10.1021/am400105y

P. 3646. The statement pertaining to the strong resonance at ca. 531 eV in the O K-edge XAS in Figure 6 should read: “For the $\text{Li}_{2.34}\text{NiZr}_{0.28}\text{O}_x$ film, we observe a remarkably different spectrum with a strong resonance at ca. 531 eV, which can be attributed to the O $1s \rightarrow \sigma^*$ transition of lithium peroxide (i.e., Li_2O_2).³⁹ Note that a few nanometer thick Li_2O_2 layer is needed to suppress the nickel oxide related features. For the $\text{Li}_{1.81}\text{NiW}_{0.21}\text{O}_x$ film, this Li_2O_2 peak intensity is significantly reduced (only a very small O $1s \rightarrow \sigma^*$ peak is observed), consistent with XPS (Figure S4) and the absence of a lithium-dominated surface layer.”