

ADDITIONS AND CORRECTIONS

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Yongmin Liang, Huamin Zhang,* Zhiquan Tian, Xiaobing Zhu, Xiaoli Wang, and Baolian Yi: Synthesis and Structure–Activity Relationship Exploration of Carbon-Supported PtRuNi Nanocomposite as a CO-Tolerant Electrocatalyst for Proton Exchange Membrane Fuel Cells

Pages 7828–7834. Thanks to a reader, we recently noticed that Figure 7a and Figure 8b in our paper are in error. The two corrected figures appear below. The data and the discussion related to both figures remain correct. Also ref 38 is added, and the captions for Figures 1–5 and 8 have been adjusted accordingly. In addition, line 9 of Experimental Section: 10.27 should be replaced as 11.3.

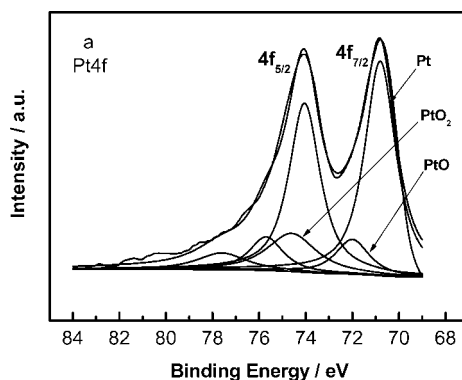


Figure 7. XPS core level spectra for the (a) Pt 4f, (b) Ru 3p, and (c) Ni 2p photoemission from the DICP PtRuNi/C nanocomposite.

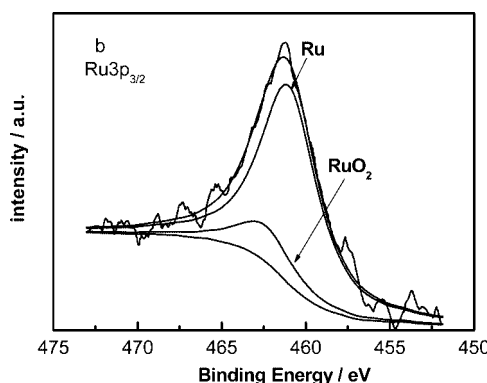


Figure 8. XPS core level spectra for the (a) Pt 4f and (b) Ru 3p photoemission from the DICP PtRu/C nanocomposite.³⁸

Figure 1. Bright-field TEM images of (a) the DICP PtRuNi/C and (b) the DICP PtRu/C nanocomposites.³⁸

Figure 2. Histograms of metal particle sizes of (a) the DICP PtRuNi/C and (b) DICP PtRu/C nanocomposites.³⁸

Figure 3. Powder XRD patterns of the DICP PtRuNi/C and the DICP PtRu/C nanocomposites.³⁸

Figure 4. CO-stripping voltammograms of the DICP PtRuNi/C, the DICP PtRu/C, and the E-TEK PtRu/C catalysts in 0.5 M H₂SO₄ at 25 °C: scanning rate, 20 mV/s.³⁸

Figure 5. PEM fuel cell performance curves comparing the DICP PtRuNi/C and the DICP PtRu/C nanocomposites as anode catalysts with the commercial E-TEK 40 wt % PtRu/C catalyst: anode metal loading, ~ 0.4 mg/cm²; cathode, the commercial Johnson-Matthey 50 wt % Pt/C catalyst with platinum loading of 0.35 mg/cm²; cell temperature, 80 °C; fuel gas, 100 ppm CO/H₂ (0.2 MPa); oxidant, O₂ (0.2 MPa). The fuel gas and the oxidant are humidified at 90 and 85 °C, respectively, before feeding into the cell.³⁸

(38) Liang, Y. M.; Zhang, H. M.; Zhong, H. X.; Zhu, X. B.; Tian, Z. Q.; Xu, D. Y.; Yi, B. L. *J. Catal.* **2006**, 238, 468.

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