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High Temperature Materials for Energy Conversion

by Jeffrey W. Fergus

Highlights from the 2013
National Science Foundation
Solid Oxide Fuel Cell Promise,
Progress, and Priorities
(SOFC-PPP) Workshop

by Jason D. Nicholas

Reversible Solid Oxide Fuel Cell
Technology for Green Fuel and
Power Production

by Nguyen Q. Minh and Mogens B. Mogensen

Design of Materials for Solar-Driven Fuel Production by Metal-Oxide Thermochemical Cycles

by Mark D. Allendorf, James E. Miller, and Anthony H. McDaniel

High Temperature Materials Corrosion Challenges for Energy Conversion Technologies

by Elizabeth Opila

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Scanning electron micrograph of diffusion couple between manganese oxide and chromium oxide. (Photo taken by Kangli Wang, Auburn University, 2009.)

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